

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081404.D
 Acq On : 14 Mar 2024 12:44
 Operator : JC\MD
 Sample : VN0314WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Quant Time: Mar 15 01:10:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	299990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	553441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	502583	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	222348	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	231043	53.266	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.540%			
35) Dibromofluoromethane	8.171	113	180363	53.193	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.380%			
50) Toluene-d8	10.571	98	663423	52.339	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.853	95	230444	51.439	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 102.880%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	80288	20.190	ug/l	92
3) Chloromethane	2.365	50	79132	18.422	ug/l	94
4) Vinyl Chloride	2.518	62	80957	18.066	ug/l	94
5) Bromomethane	2.959	94	55239	18.457	ug/l	97
6) Chloroethane	3.124	64	59099	19.202	ug/l	90
7) Trichlorofluoromethane	3.501	101	130146	19.632	ug/l	99
8) Diethyl Ether	3.965	74	43763	18.738	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.377	101	74272	19.675	ug/l	94
10) Methyl Iodide	4.595	142	68165	19.732	ug/l	93
11) Tert butyl alcohol	5.518	59	72736	95.901	ug/l	99
12) 1,1-Dichloroethene	4.342	96	66761	19.096	ug/l	97
13) Acrolein	4.177	56	72183	80.373	ug/l	92
14) Allyl chloride	5.018	41	97243	18.743	ug/l	89
15) Acrylonitrile	5.724	53	194270	98.047	ug/l	97
16) Acetone	4.424	43	154304	100.406	ug/l	99
17) Carbon Disulfide	4.712	76	169632	17.001	ug/l	100
18) Methyl Acetate	5.024	43	103211	23.457	ug/l	94
19) Methyl tert-butyl Ether	5.795	73	226965	19.142	ug/l	92
20) Methylene Chloride	5.277	84	79150	20.369	ug/l	95
21) trans-1,2-Dichloroethene	5.795	96	69375	17.601	ug/l	90
22) Diisopropyl ether	6.677	45	242532	21.046	ug/l #	94
23) Vinyl Acetate	6.600	43	891706	95.250	ug/l	96
24) 1,1-Dichloroethane	6.565	63	141099	20.002	ug/l	95
25) 2-Butanone	7.483	43	257823	100.177	ug/l	99
26) 2,2-Dichloropropane	7.489	77	119907	19.233	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	87208	19.515	ug/l	87
28) Bromochloromethane	7.812	49	66278	21.958	ug/l #	75
29) Tetrahydrofuran	7.841	42	164513	93.740	ug/l #	86
30) Chloroform	7.965	83	152604	20.847	ug/l	100
31) Cyclohexane	8.265	56	124293	18.927	ug/l #	84
32) 1,1,1-Trichloroethane	8.171	97	133477	20.628	ug/l	90
36) 1,1-Dichloropropene	8.377	75	105996	19.377	ug/l	97
37) Ethyl Acetate	7.559	43	104390	19.522	ug/l	98
38) Carbon Tetrachloride	8.365	117	112225	20.384	ug/l	91
39) Methylcyclohexane	9.600	83	114900	18.251	ug/l	92
40) Benzene	8.606	78	313150	19.178	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	57068	18.898	ug/l	94
42) 1,2-Dichloroethane	8.671	62	118460	20.576	ug/l	98
43) Isopropyl Acetate	8.688	43	184442	19.706	ug/l	98
44) Trichloroethene	9.353	130	78128	18.972	ug/l	92
45) 1,2-Dichloropropane	9.624	63	80867	19.715	ug/l	96
46) Dibromomethane	9.712	93	57388	19.849	ug/l	92
47) Bromodichloromethane	9.888	83	115147	20.515	ug/l #	95
48) Methyl methacrylate	9.677	41	82389	19.915	ug/l	91
49) 1,4-Dioxane	9.694	88	33059	362.542	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	549375	101.088	ug/l	97
52) Toluene	10.630	92	195107	19.781	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	119358	19.654	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	129154	19.701	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	78137	19.977	ug/l	97
56) Ethyl methacrylate	10.877	69	112737	20.072	ug/l	92
57) 1,3-Dichloropropane	11.165	76	135950	19.915	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	274881	90.984	ug/l	92
59) 2-Hexanone	11.194	43	408083	100.443	ug/l	98
60) Dibromochloromethane	11.359	129	84765	21.042	ug/l	98
61) 1,2-Dibromoethane	11.471	107	80281	19.781	ug/l	96
64) Tetrachloroethene	11.106	164	77493	19.692	ug/l	91
65) Chlorobenzene	11.894	112	209206	19.754	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.965	131	77631	20.032	ug/l	99
67) Ethyl Benzene	11.965	91	368170	19.299	ug/l	99
68) m/p-Xylenes	12.076	106	274324	38.208	ug/l	100
69) o-Xylene	12.400	106	131679	18.924	ug/l	99
70) Styrene	12.412	104	221488	20.086	ug/l	98
71) Bromoform	12.576	173	53940	20.048	ug/l #	95
73) Isopropylbenzene	12.694	105	355392	19.794	ug/l	99
74) N-amyl acetate	12.494	43	145704	19.341	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	108232	19.533	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	101608m	19.347	ug/l	
77) Bromobenzene	12.982	156	79920	18.774	ug/l	83
78) n-propylbenzene	13.035	91	432606	20.371	ug/l	98
79) 2-Chlorotoluene	13.129	91	255325	19.670	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	300718	20.262	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	36265	19.271	ug/l	85
82) 4-Chlorotoluene	13.223	91	251699	19.631	ug/l	96
83) tert-Butylbenzene	13.441	119	254936	20.036	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	303116	20.158	ug/l	98
85) sec-Butylbenzene	13.618	105	370233	20.113	ug/l	97
86) p-Isopropyltoluene	13.729	119	296627	20.094	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	149717	18.626	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	153788	19.141	ug/l	99
89) n-Butylbenzene	14.059	91	256072	18.915	ug/l	97
90) Hexachloroethane	14.335	117	51867	20.068	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	146178	18.954	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22325	18.828	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	76951	18.667	ug/l	97
94) Hexachlorobutadiene	15.506	225	29645	17.404	ug/l	98
95) Naphthalene	15.641	128	270026	18.408	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	77913	18.637	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Manual Integrations

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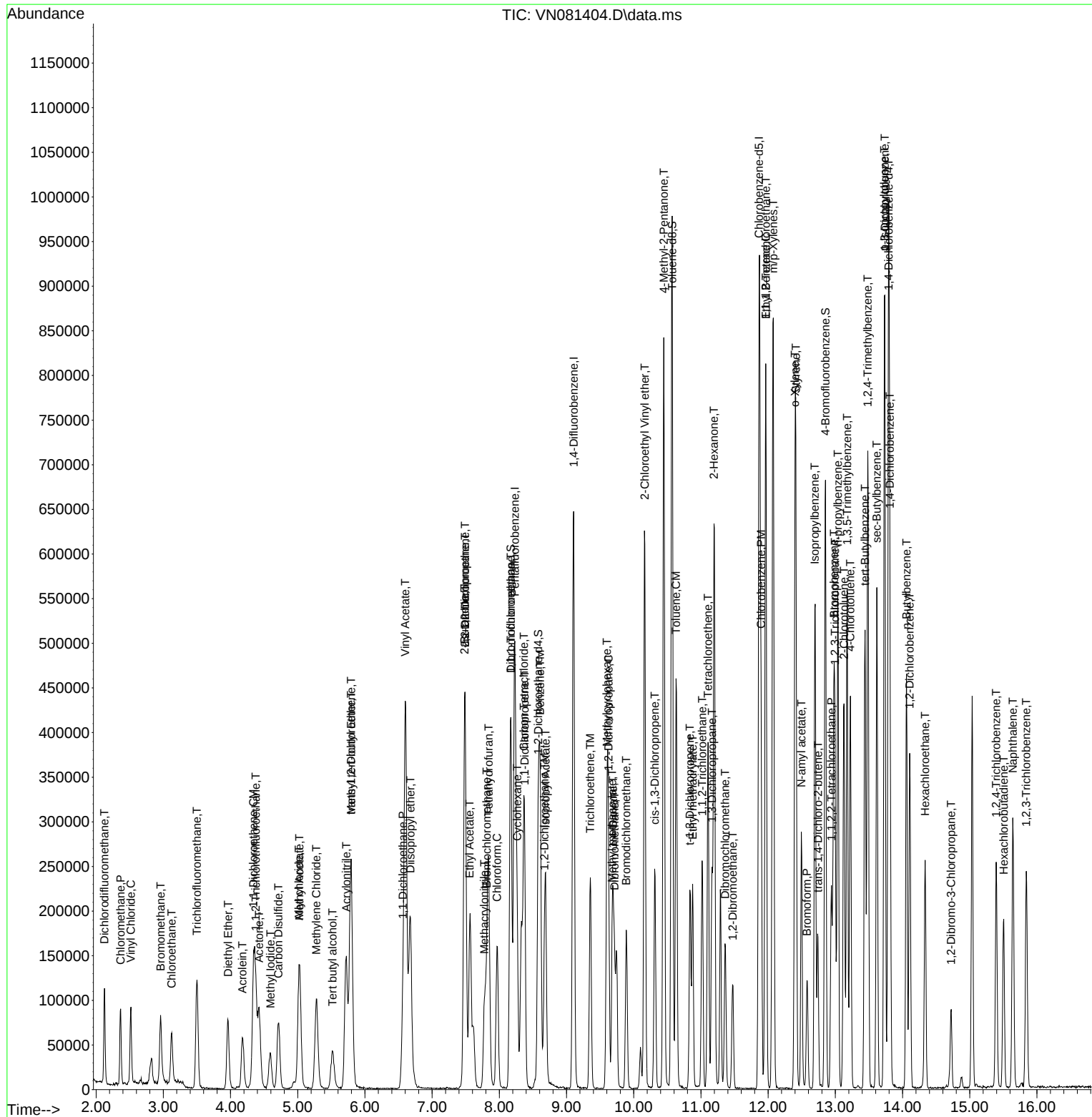
Quant Time: Mar 15 01:10:46 2024

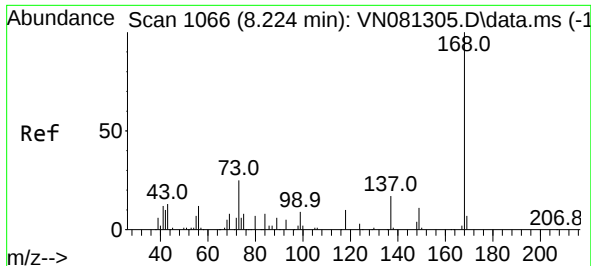
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Quant Title : SW846 8260

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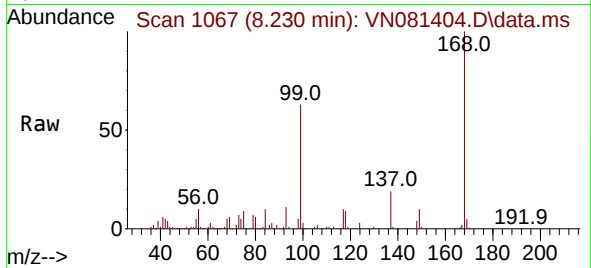
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN081404.D
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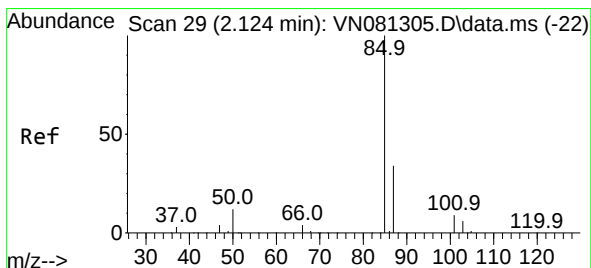
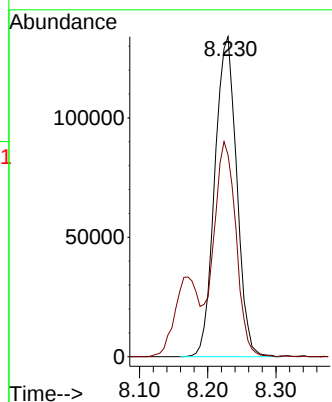
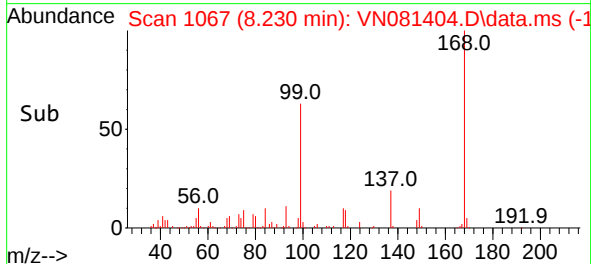
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:168 Resp: 299990
Ion Ratio Lower Upper
168 100
99 62.8 59.9 89.9

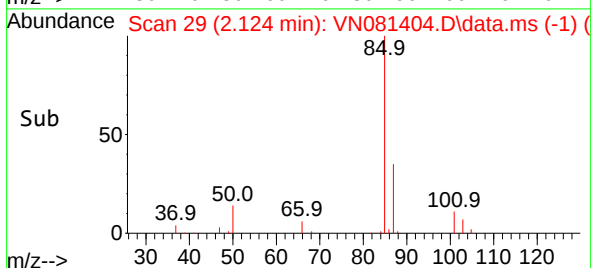
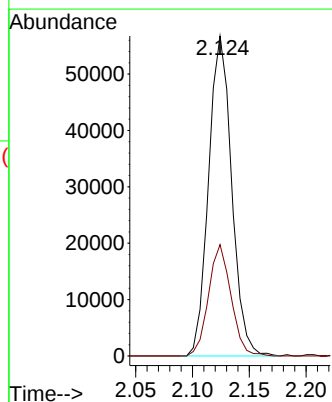
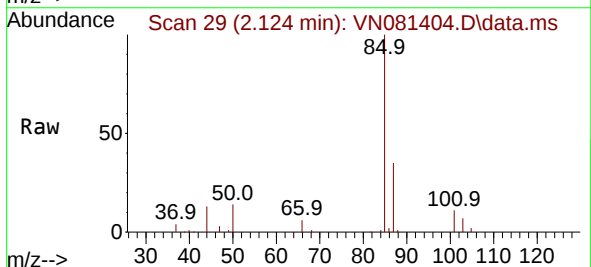
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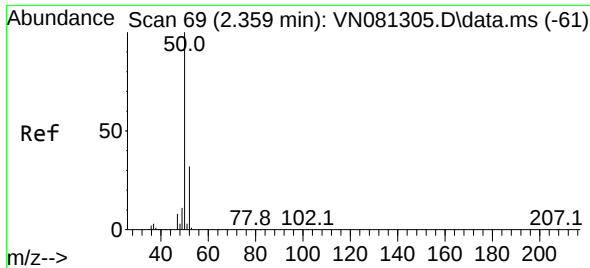
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#2
Dichlorodifluoromethane
Concen: 20.190 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 85 Resp: 80288
Ion Ratio Lower Upper
85 100
87 34.8 15.3 45.9





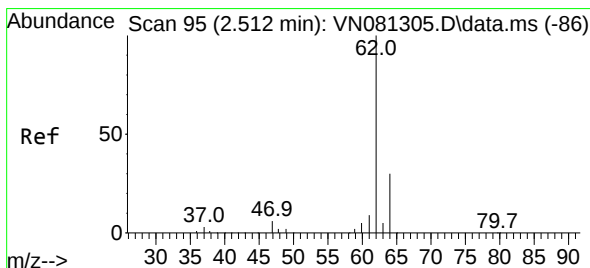
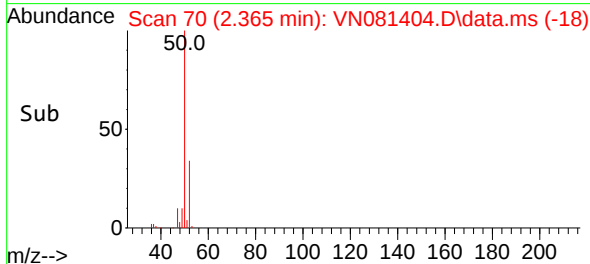
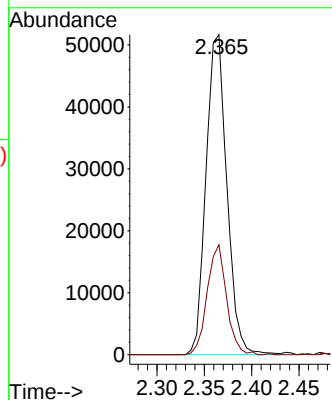
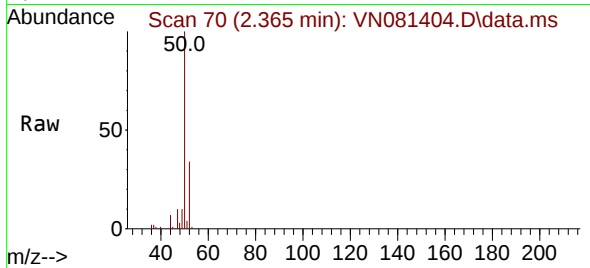
#3
Chloromethane
Concen: 18.422 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
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Tgt Ion: 50 Resp: 7913
Ion Ratio Lower Upper
50 100
52 34.4 25.0 37.4

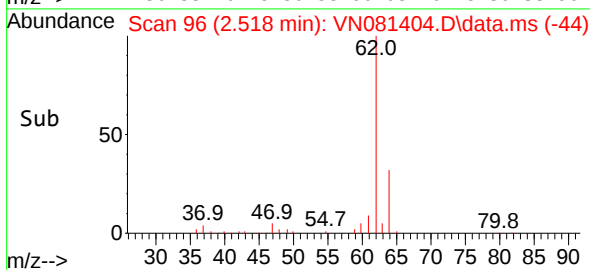
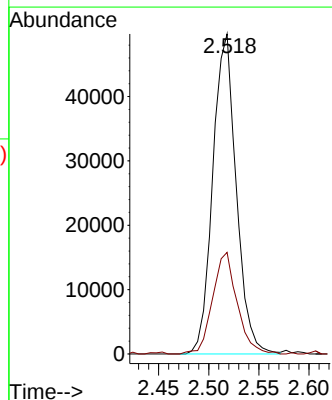
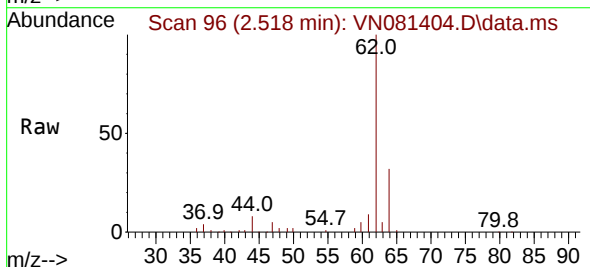
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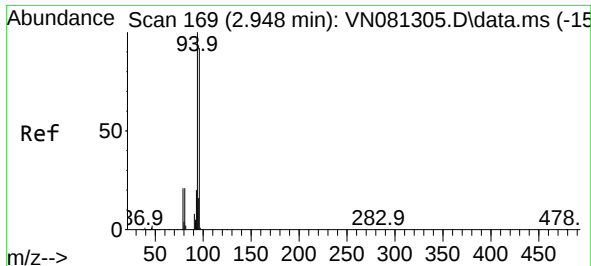
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#4
Vinyl Chloride
Concen: 18.066 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 62 Resp: 80957
Ion Ratio Lower Upper
62 100
64 31.8 22.7 34.1





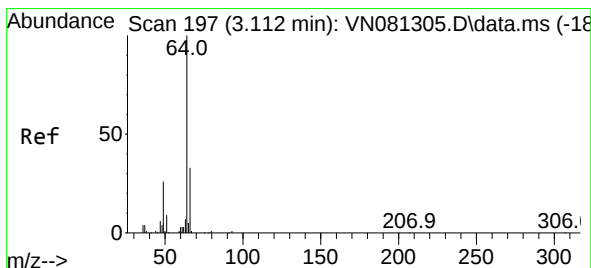
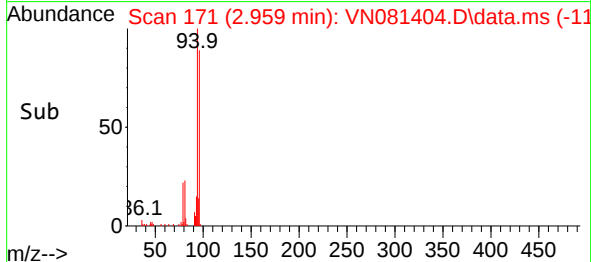
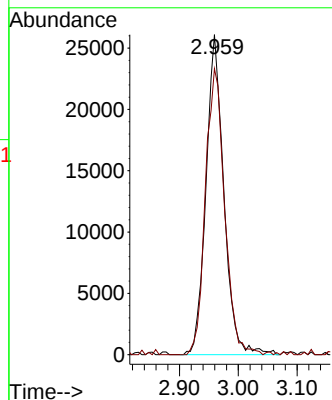
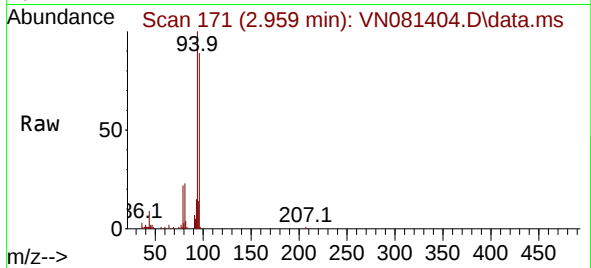
#5
Bromomethane
Concen: 18.457 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

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Tgt Ion: 94 Resp: 55239
Ion Ratio Lower Upper
94 100
96 89.4 69.2 103.8

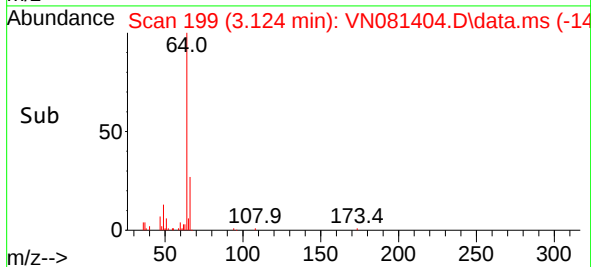
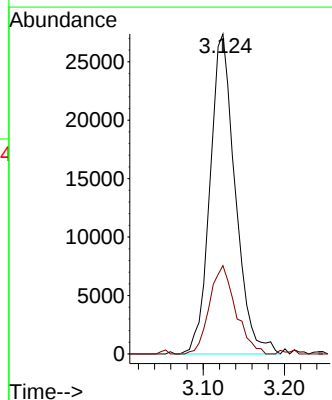
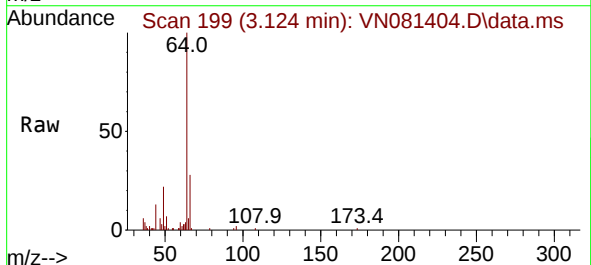
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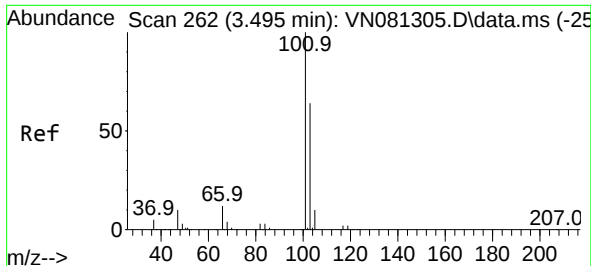
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#6
Chloroethane
Concen: 19.202 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.012 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 64 Resp: 59099
Ion Ratio Lower Upper
64 100
66 27.6 26.4 39.6





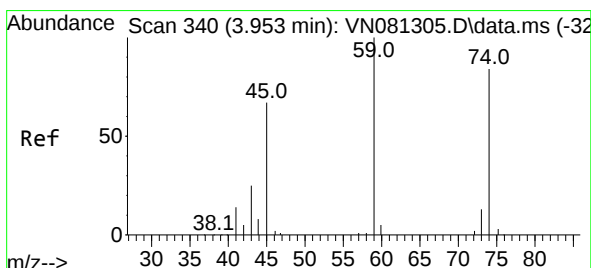
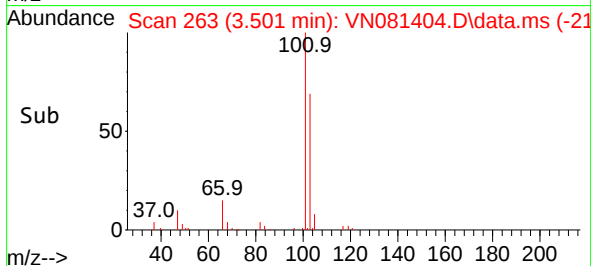
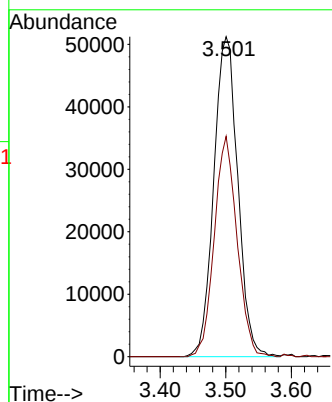
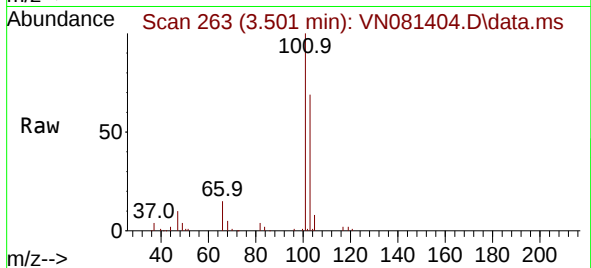
#7
Trichlorofluoromethane
Concen: 19.632 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
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ClientSampleId :
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Tgt Ion:101 Resp: 130140
Ion Ratio Lower Upper
101 100
103 68.9 54.4 81.6

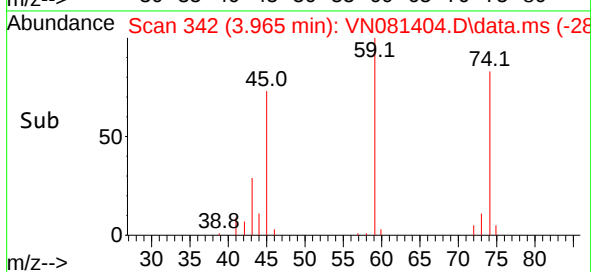
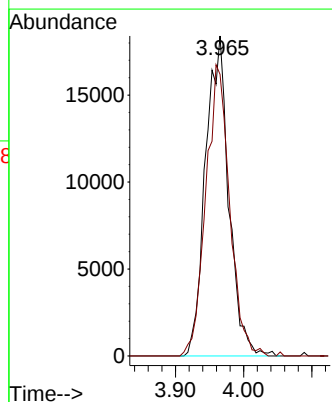
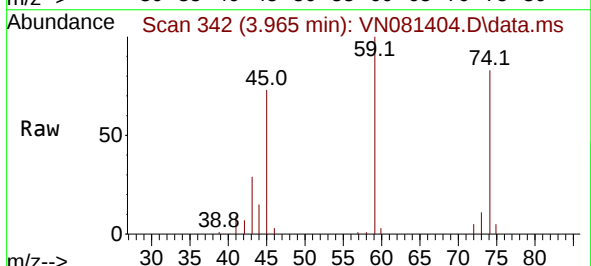
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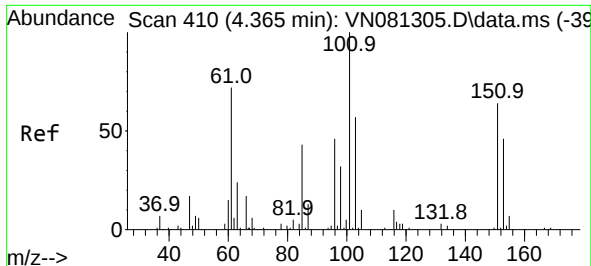
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Supervised By :Mahesh Dadoda 03/15/2024



#8
Diethyl Ether
Concen: 18.738 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.012 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 74 Resp: 43763
Ion Ratio Lower Upper
74 100
45 93.0 53.3 159.9





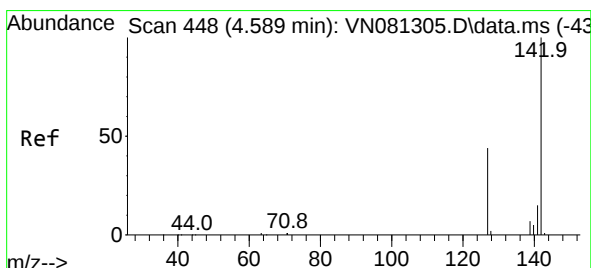
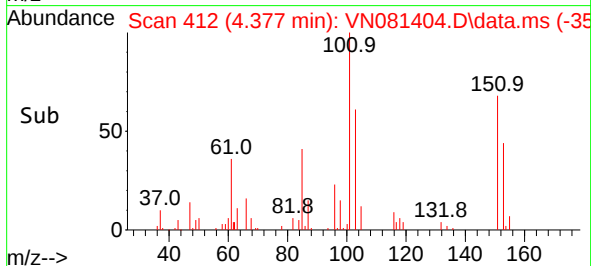
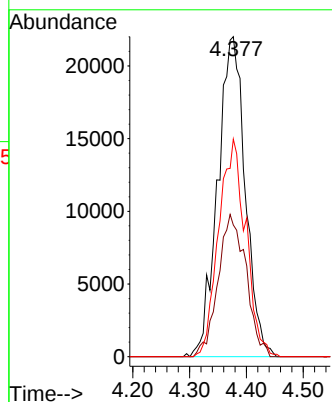
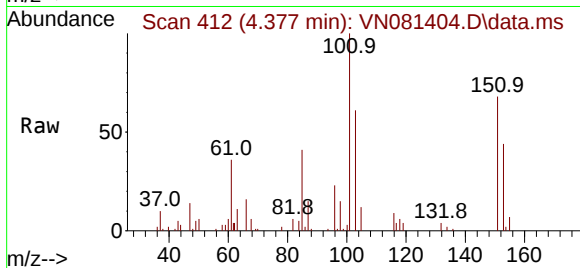
#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.675 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion:101 Resp: 7427
Ion Ratio Lower Upper
101 100
85 45.0 38.1 57.1
151 66.7 49.1 73.7

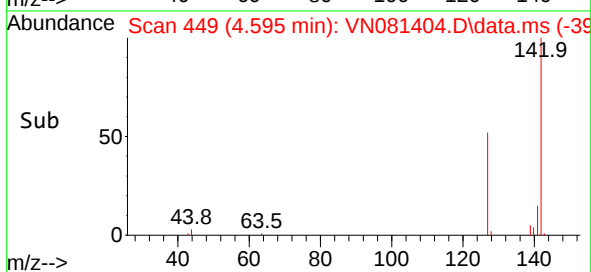
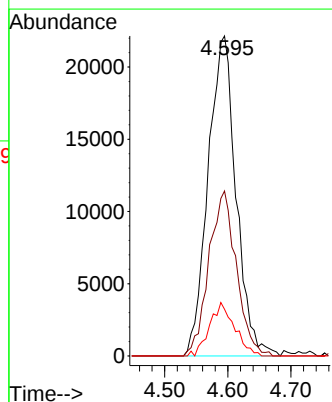
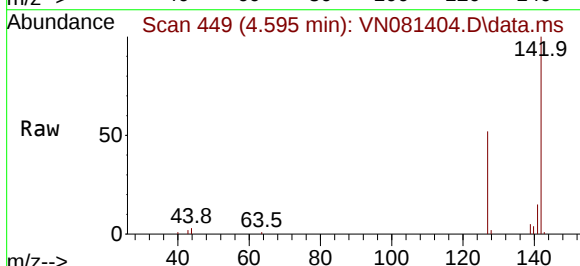
Manual Integrations
APPROVED

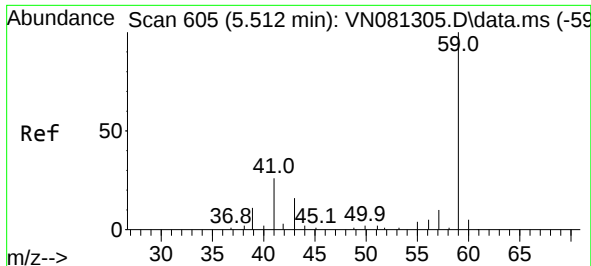
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#10
Methyl Iodide
Concen: 19.732 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion:142 Resp: 68165
Ion Ratio Lower Upper
142 100
127 51.5 37.0 55.4
141 14.6 12.5 18.7





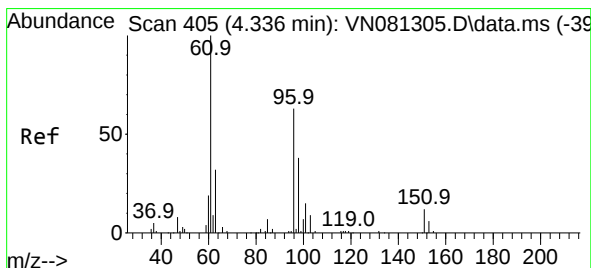
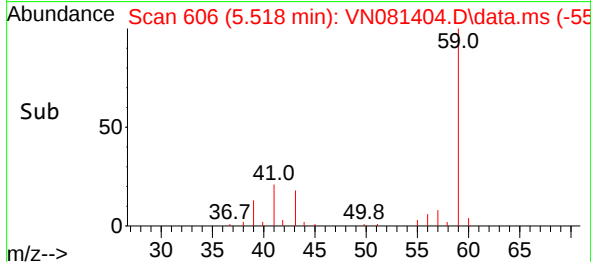
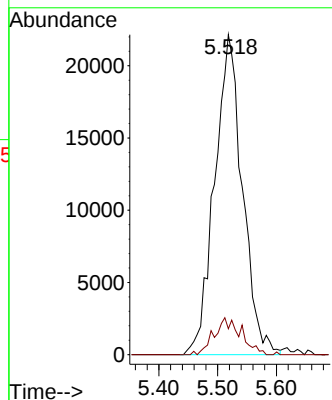
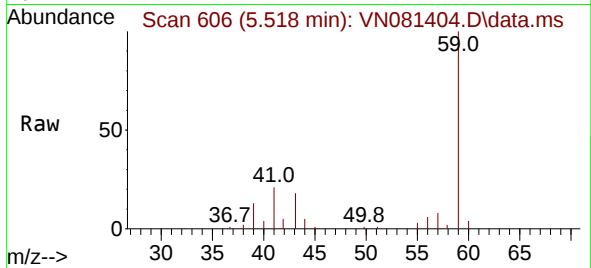
#11
Tert butyl alcohol
Concen: 95.901 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 59 Resp: 72730
Ion Ratio Lower Upper
59 100
57 11.2 8.6 12.8

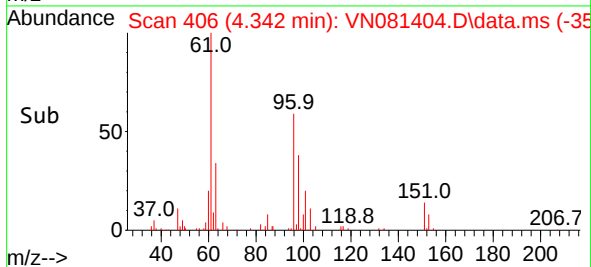
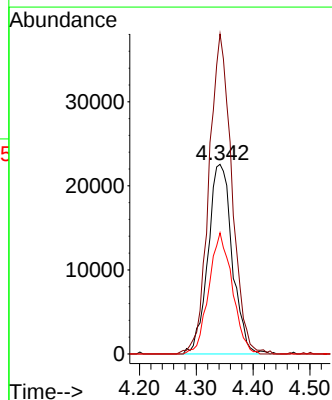
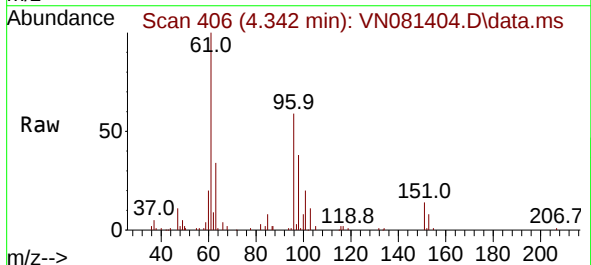
Manual Integrations
APPROVED

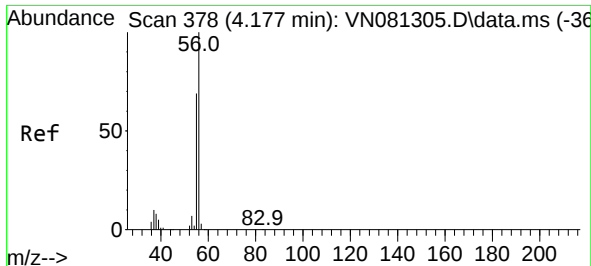
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#12
1,1-Dichloroethene
Concen: 19.096 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 96 Resp: 66761
Ion Ratio Lower Upper
96 100
61 168.8 138.2 207.4
98 63.9 49.2 73.8





#13

Acrolein

Concen: 80.373 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 56 Resp: 7218

Ion Ratio Lower Upper

56 100

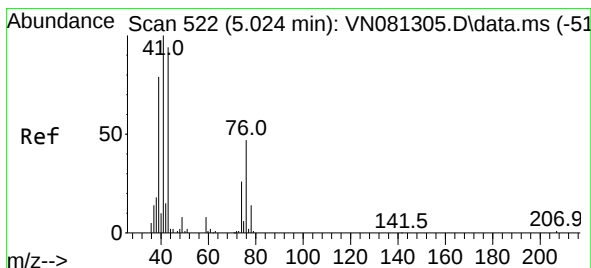
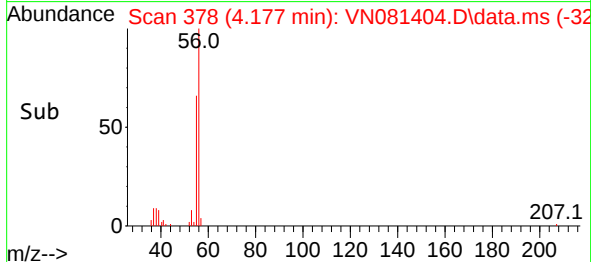
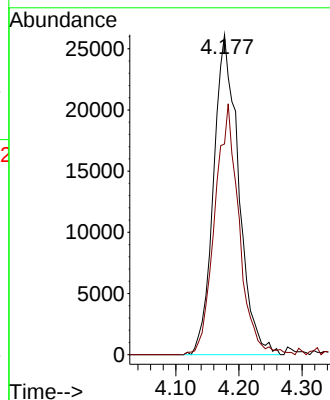
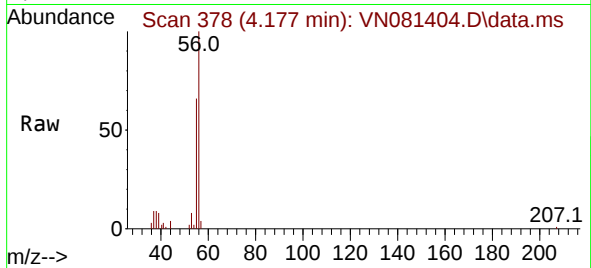
55 75.6 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#14

Allyl chloride

Concen: 18.743 ug/l

RT: 5.018 min Scan# 521

Delta R.T. -0.006 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

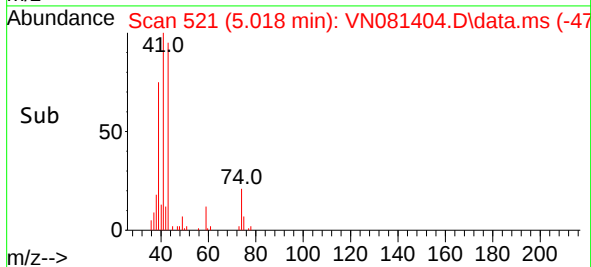
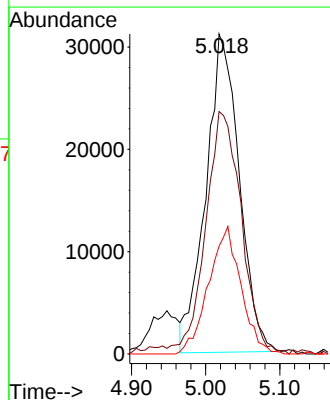
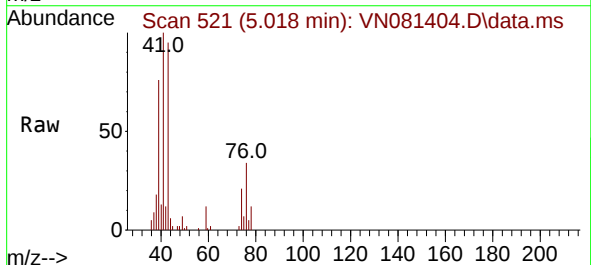
Tgt Ion: 41 Resp: 97243

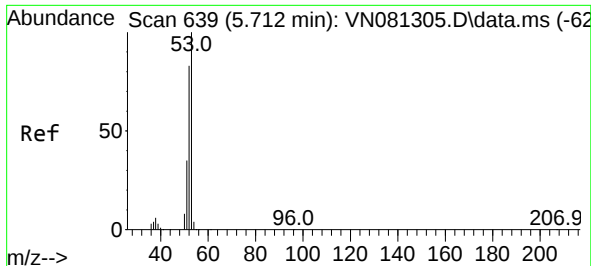
Ion Ratio Lower Upper

41 100

39 81.3 57.7 86.5

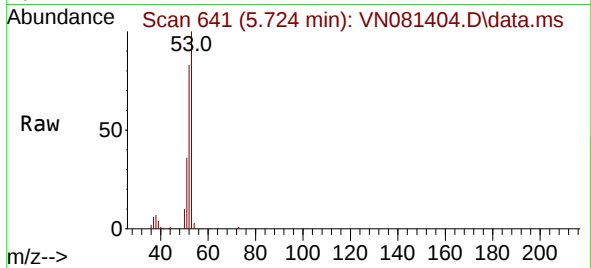
76 38.8 26.8 40.2





#15
Acrylonitrile
Concen: 98.047 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.012 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

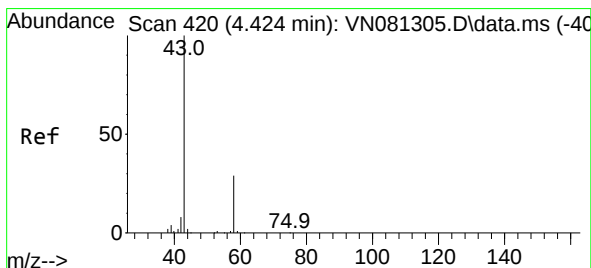
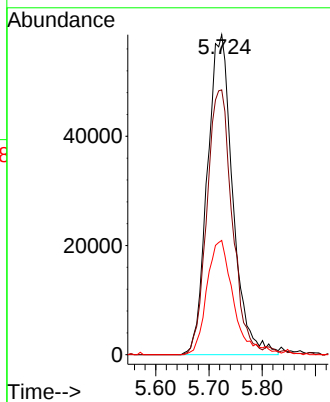
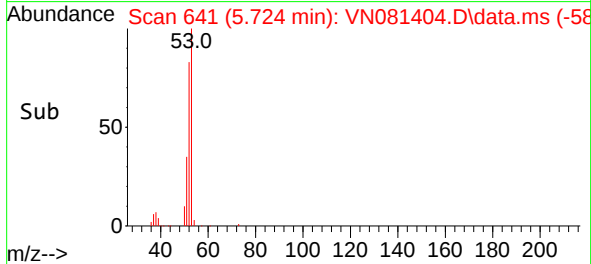
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 53 Resp: 194270
Ion Ratio Lower Upper
53 100
52 82.3 64.8 97.2
51 37.4 26.9 40.3

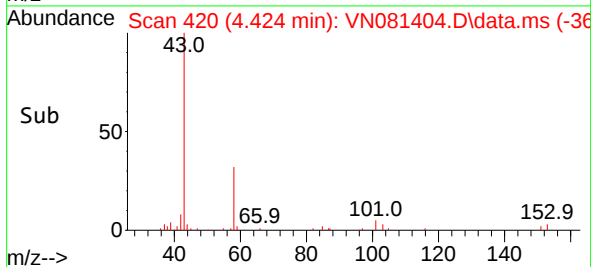
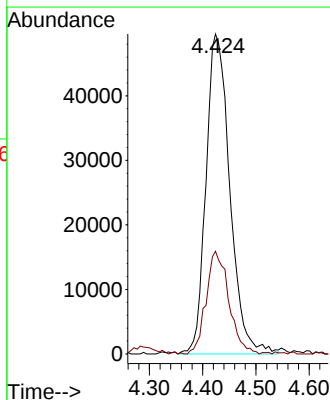
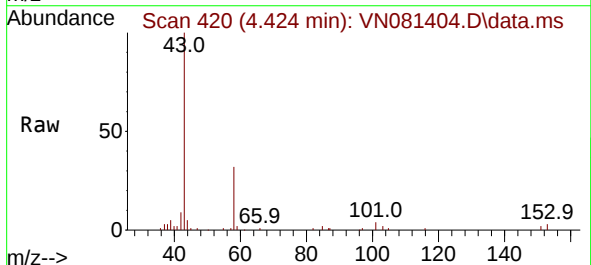
Manual Integrations
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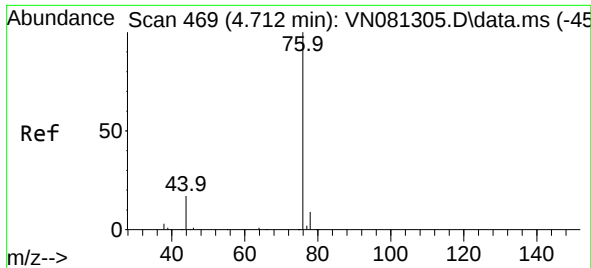
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#16
Acetone
Concen: 100.406 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

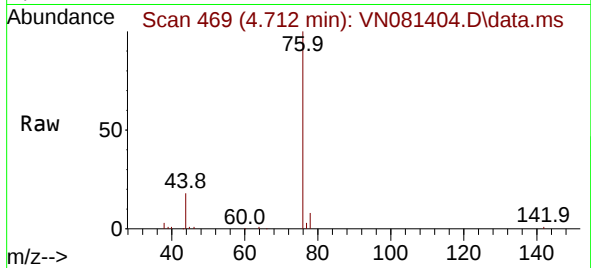
Tgt Ion: 43 Resp: 154304
Ion Ratio Lower Upper
43 100
58 31.8 24.8 37.2





#17
Carbon Disulfide
Concen: 17.001 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

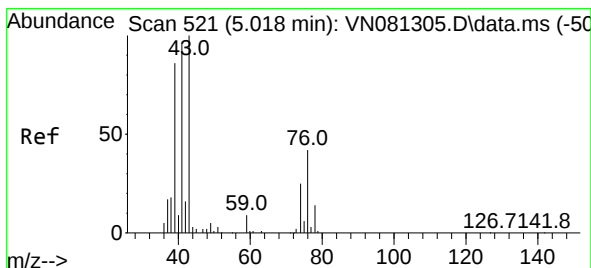
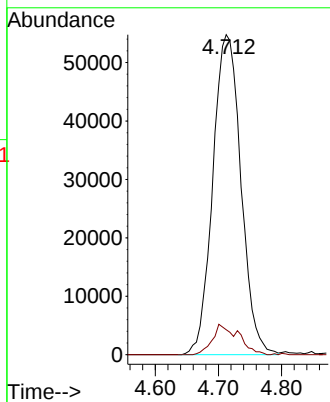
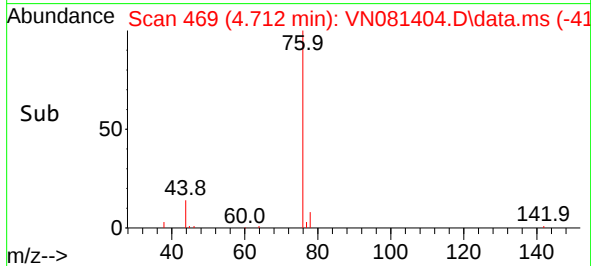
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 76 Resp: 169632
Ion Ratio Lower Upper
76 100
78 7.8 6.3 9.5

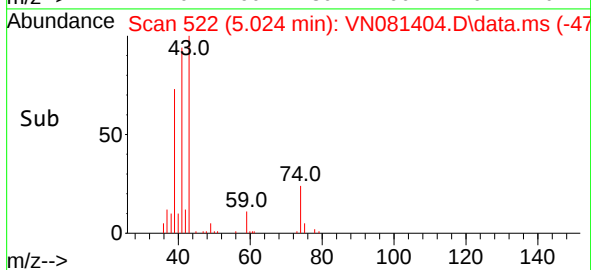
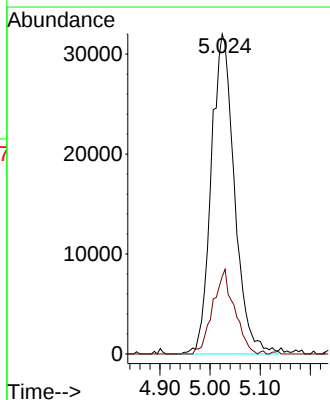
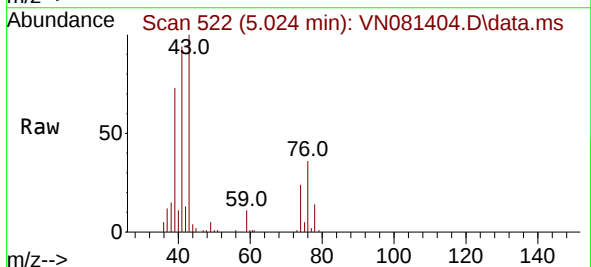
Manual Integrations
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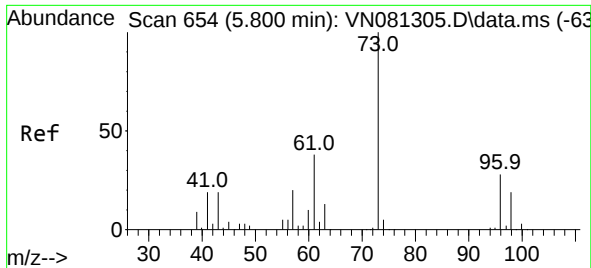
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#18
Methyl Acetate
Concen: 23.457 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 43 Resp: 103211
Ion Ratio Lower Upper
43 100
74 24.5 17.3 25.9





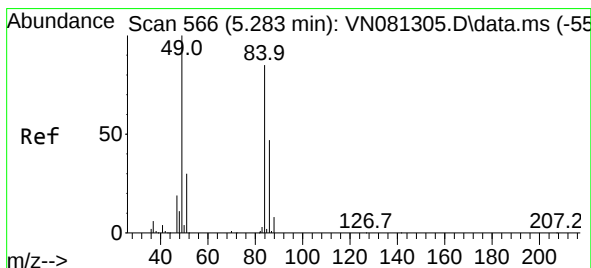
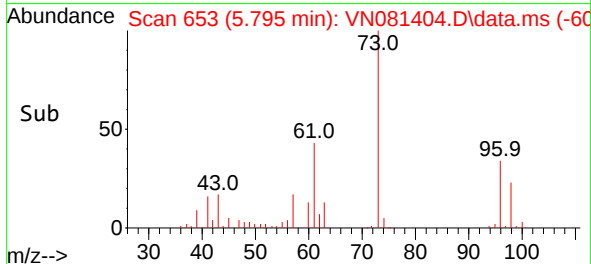
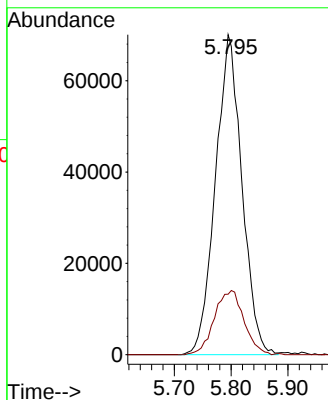
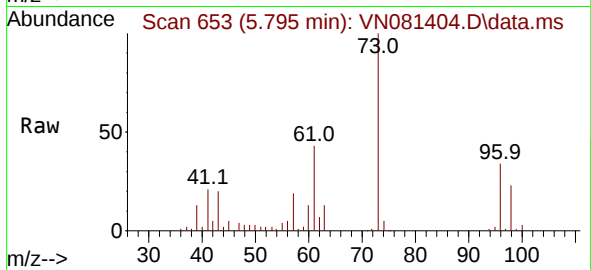
#19
Methyl tert-butyl Ether
Concen: 19.142 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 73 Resp: 22696
Ion Ratio Lower Upper
73 100
57 18.9 18.2 27.4

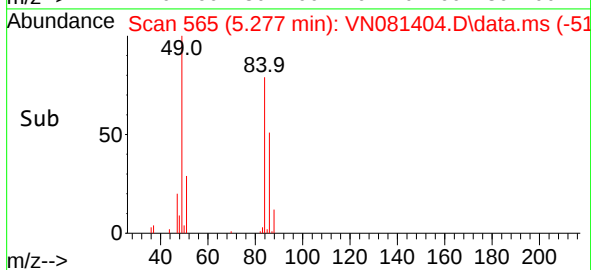
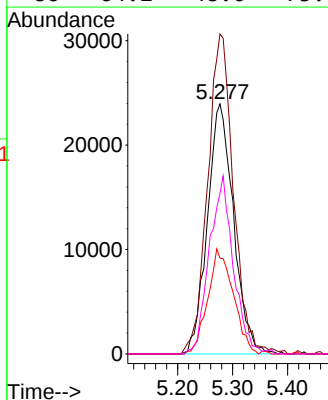
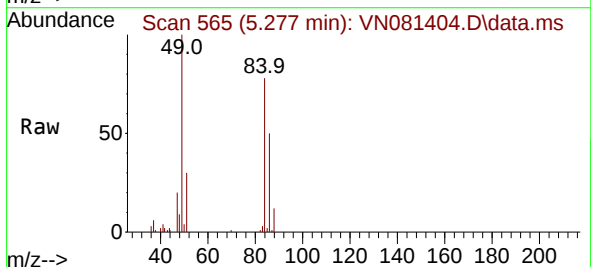
Manual Integrations
APPROVED

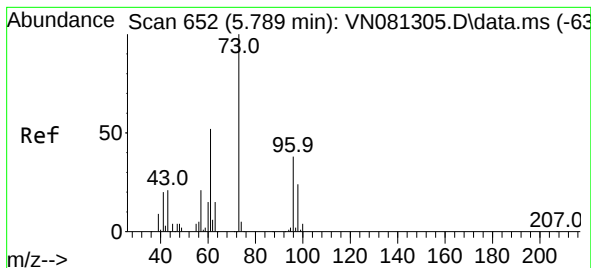
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#20
Methylene Chloride
Concen: 20.369 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

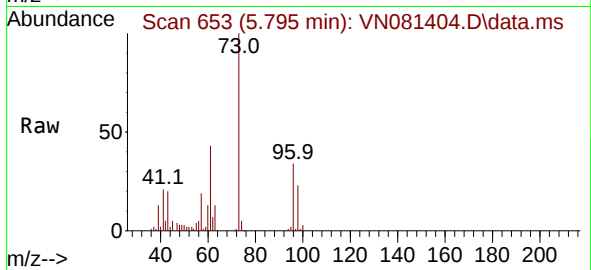
Tgt Ion: 84 Resp: 79150
Ion Ratio Lower Upper
84 100
49 128.0 108.1 162.1
51 38.3 32.9 49.3
86 64.2 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 17.601 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

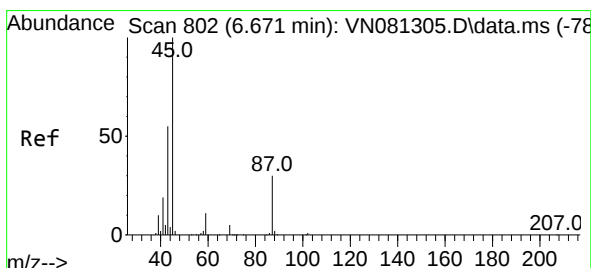
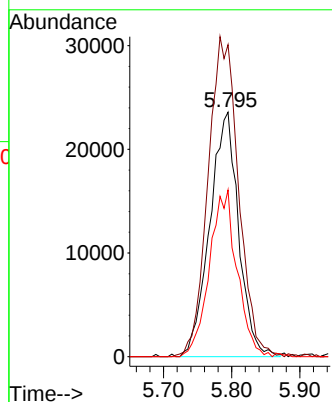
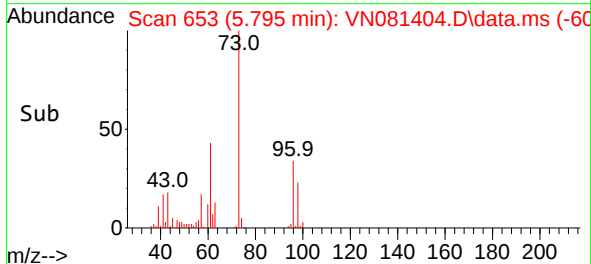
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 96 Resp: 69375
Ion Ratio Lower Upper
96 100
61 126.5 112.8 169.2
98 68.2 51.0 76.4

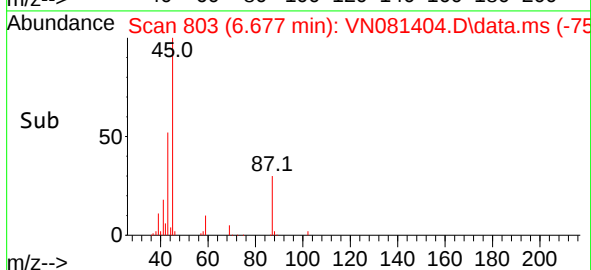
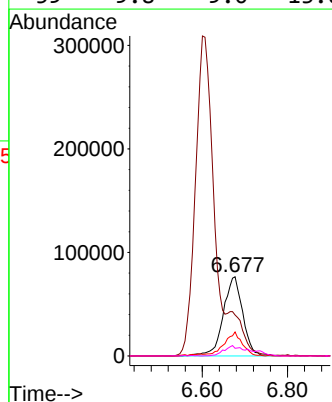
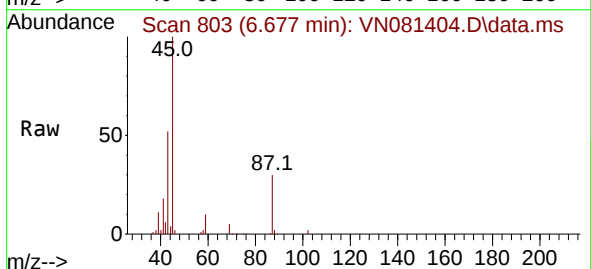
Manual Integrations
APPROVED

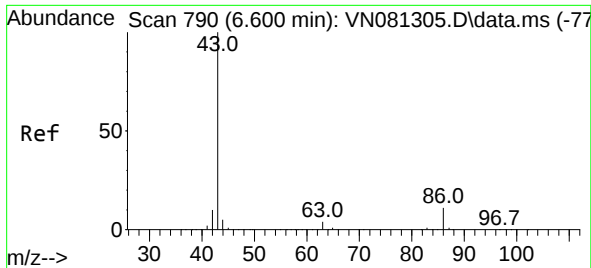
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#22
Diisopropyl ether
Concen: 21.046 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

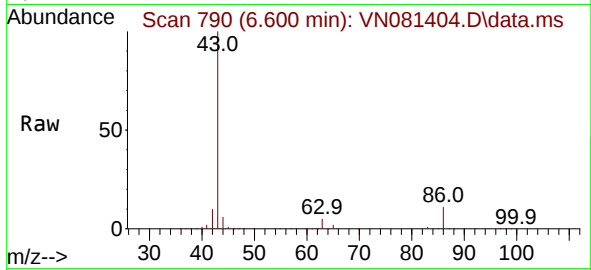
Tgt Ion: 45 Resp: 242532
Ion Ratio Lower Upper
45 100
43 50.9 41.8 62.8
87 30.4 18.1 27.1#
59 9.8 9.0 13.6





#23
 Vinyl Acetate
 Concen: 95.250 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

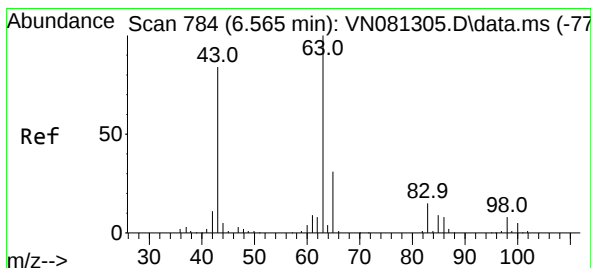
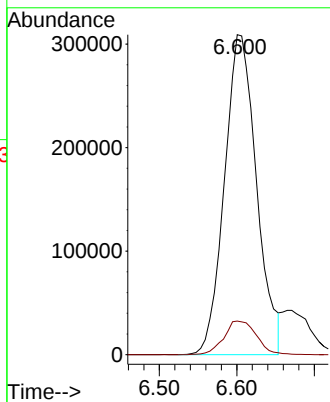
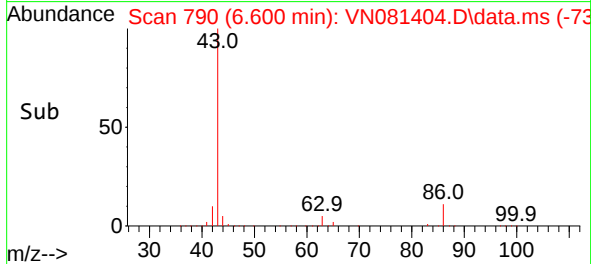
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



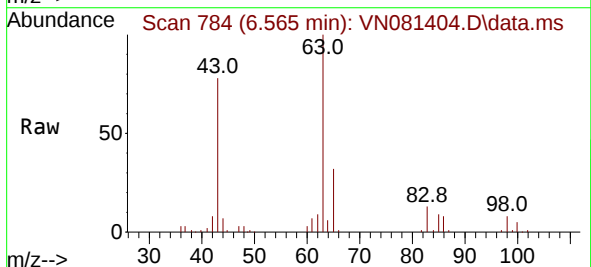
Tgt Ion: 43 Resp: 891700
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7

Manual Integrations
 APPROVED

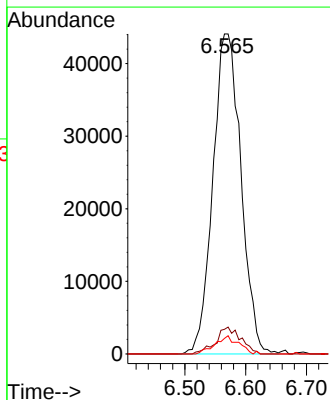
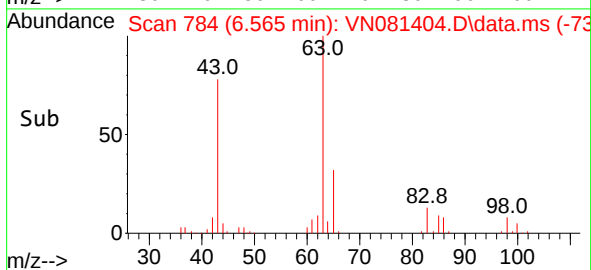
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

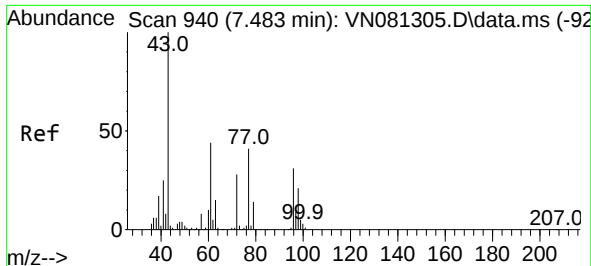


#24
 1,1-Dichloroethane
 Concen: 20.002 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44



Tgt Ion: 63 Resp: 141099
 Ion Ratio Lower Upper
 63 100
 98 7.7 2.9 8.6
 100 4.9 1.9 5.7





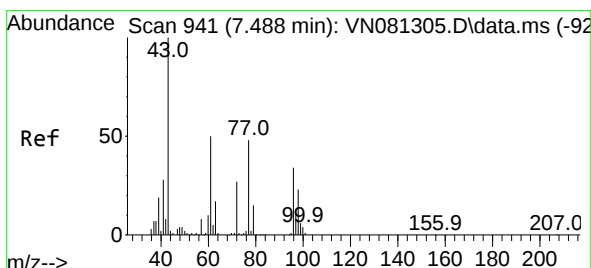
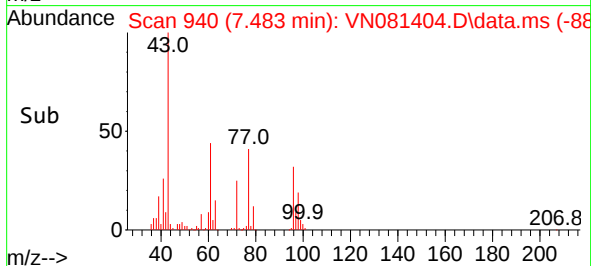
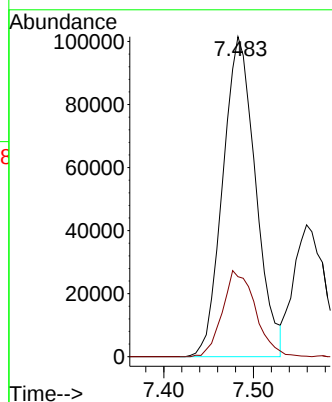
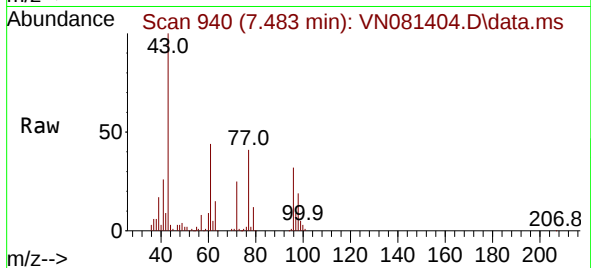
#25
2-Butanone
Concen: 100.177 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
Client Sample Id :
VN0314WBS01

Tgt Ion: 43 Resp: 25782
Ion Ratio Lower Upper
43 100
72 25.0 19.5 29.3

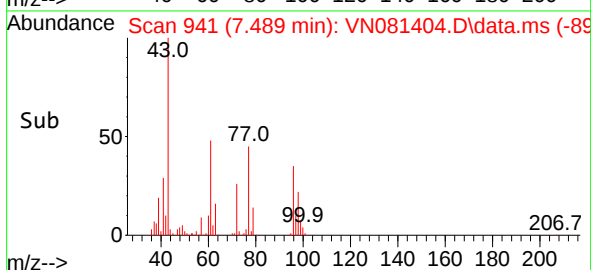
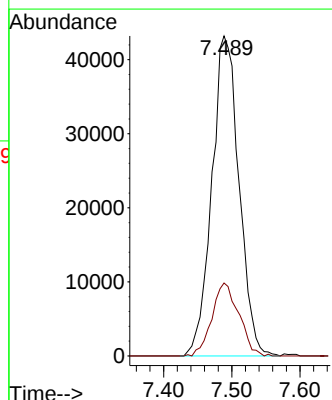
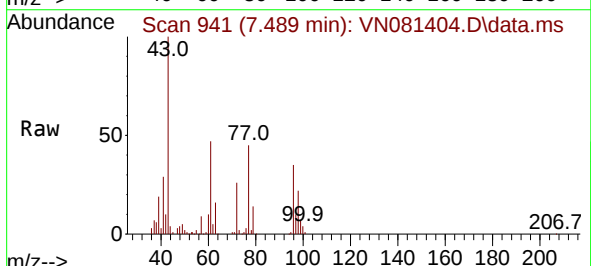
Manual Integrations
APPROVED

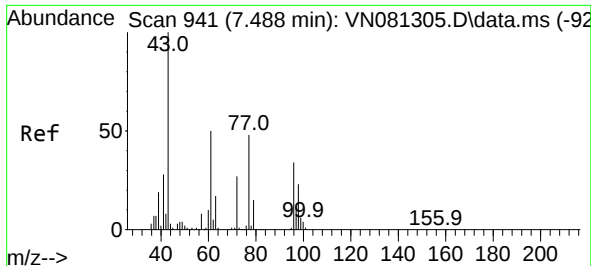
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#26
2,2-Dichloropropane
Concen: 19.233 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 77 Resp: 119907
Ion Ratio Lower Upper
77 100
97 22.5 11.5 34.5





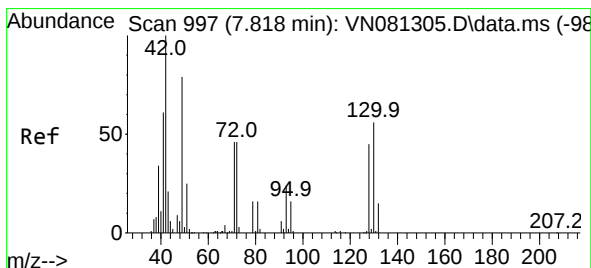
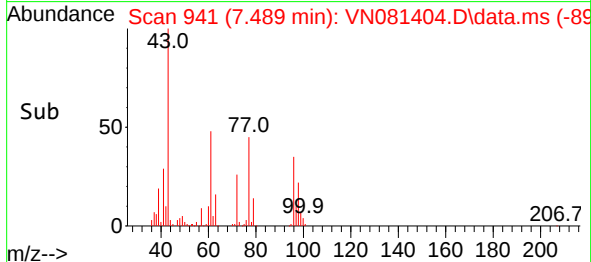
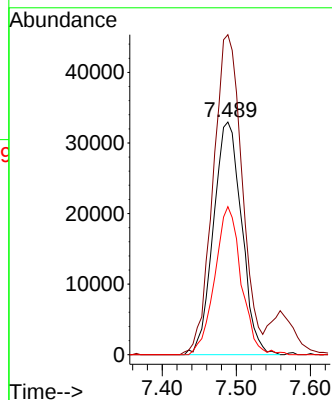
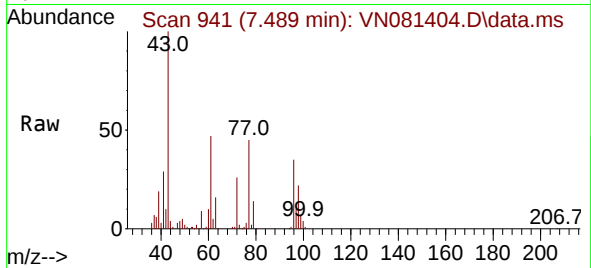
#27
 cis-1,2-Dichloroethene
 Concen: 19.515 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01

Tgt Ion: 96 Resp: 87208
 Ion Ratio Lower Upper
 96 100
 61 141.3 0.0 325.4
 98 59.8 0.0 130.4

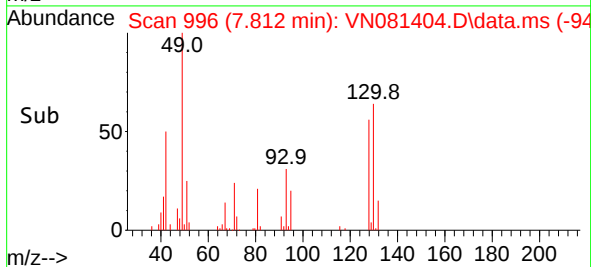
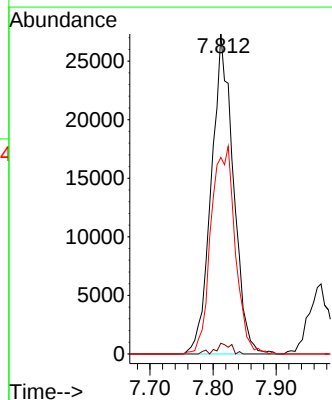
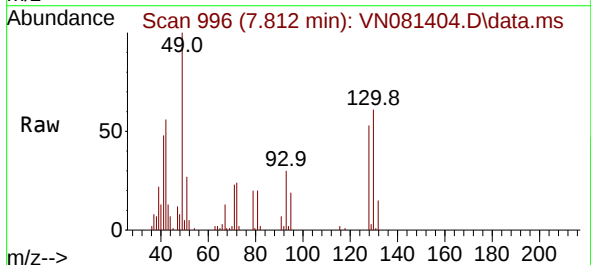
Manual Integrations
 APPROVED

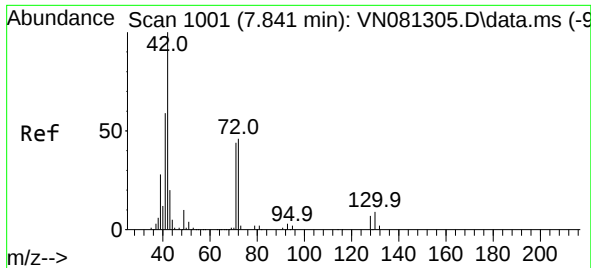
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024



#28
 Bromochloromethane
 Concen: 21.958 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.006 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

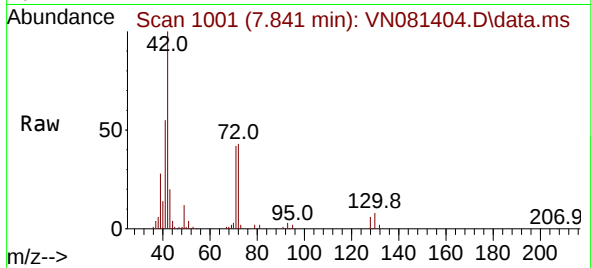
Tgt Ion: 49 Resp: 66278
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 1.6#
 130 71.0 42.3 63.5#





#29
Tetrahydrofuran
Concen: 93.740 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

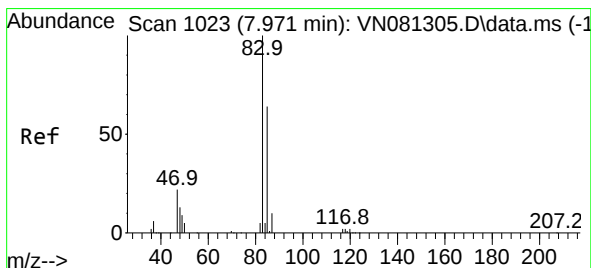
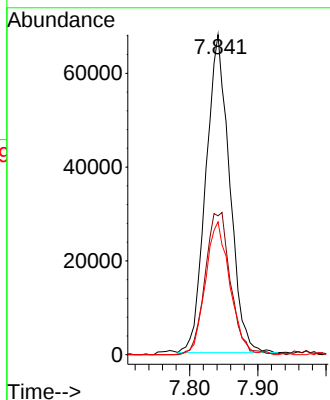
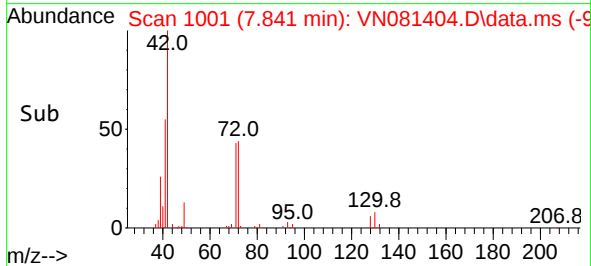
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



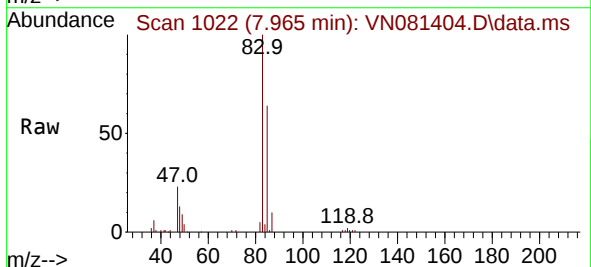
Tgt Ion: 42 Resp: 16451
Ion Ratio Lower Upper
42 100
72 47.8 31.1 46.7
71 43.0 28.3 42.5

Manual Integrations
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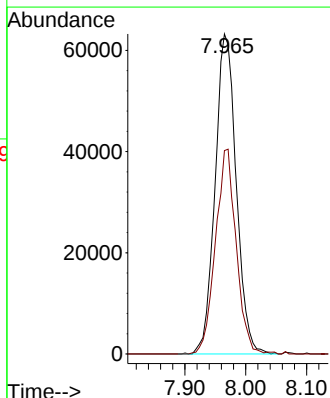
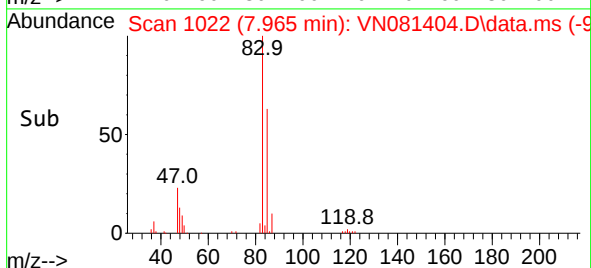
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

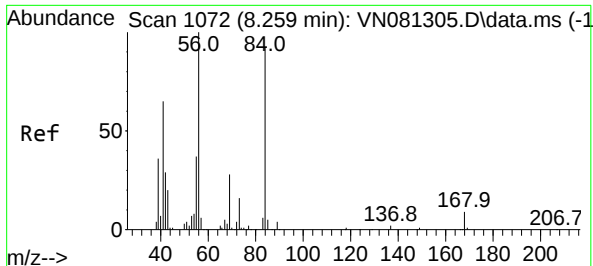


#30
Chloroform
Concen: 20.847 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



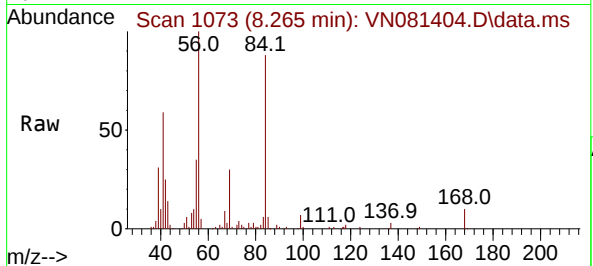
Tgt Ion: 83 Resp: 152604
Ion Ratio Lower Upper
83 100
85 63.5 51.0 76.6





#31
Cyclohexane
Concen: 18.927 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

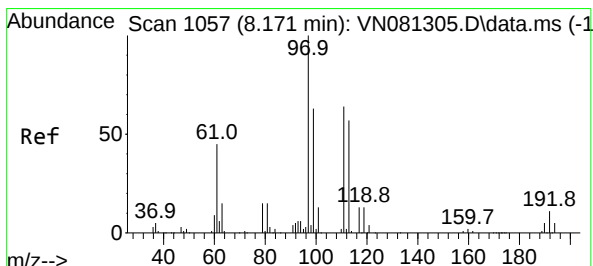
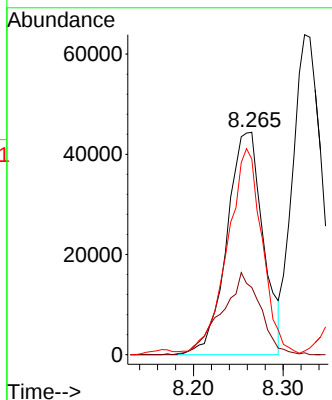
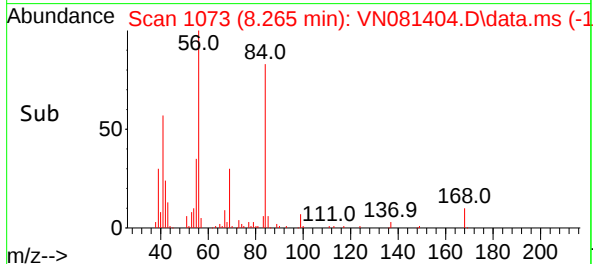
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 56 Resp: 12429
Ion Ratio Lower Upper
56 100
69 29.7 20.1 30.1
84 86.6 56.9 85.3

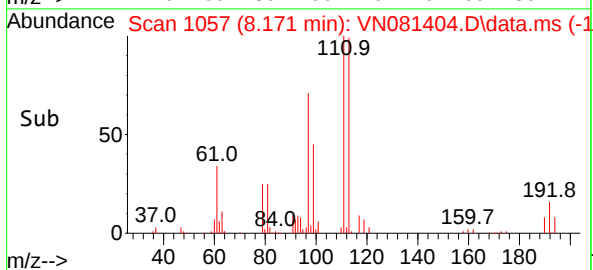
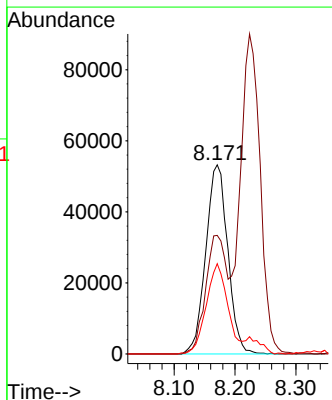
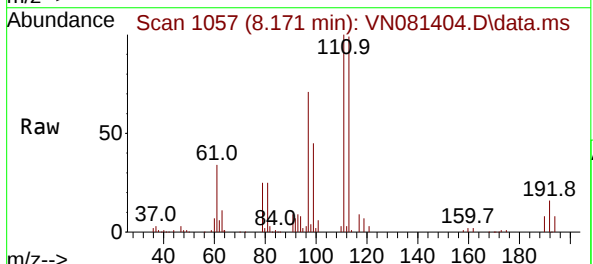
Manual Integrations
APPROVED

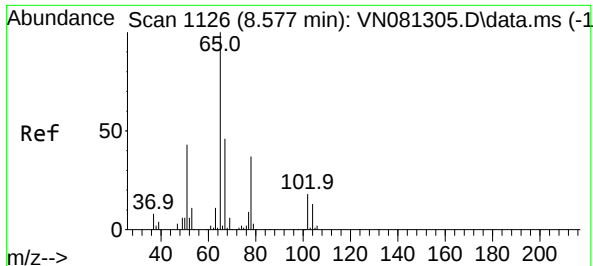
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#32
1,1,1-Trichloroethane
Concen: 20.628 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 97 Resp: 133477
Ion Ratio Lower Upper
97 100
99 58.6 53.4 80.0
61 47.0 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.266 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 65 Resp: 23104

Ion Ratio Lower Upper

65 100

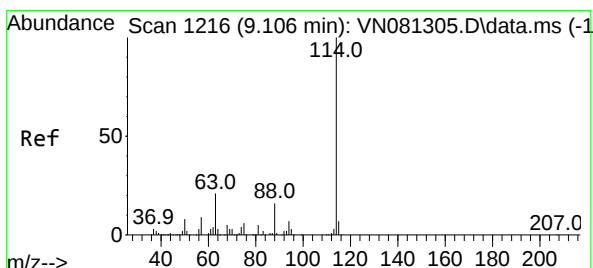
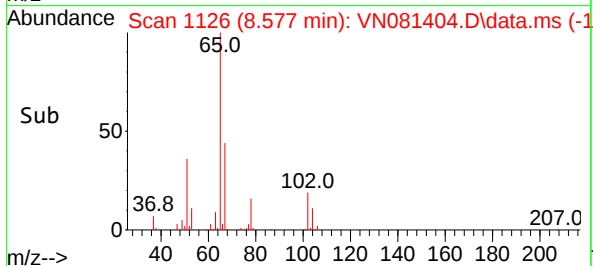
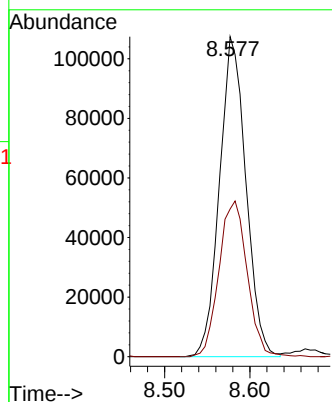
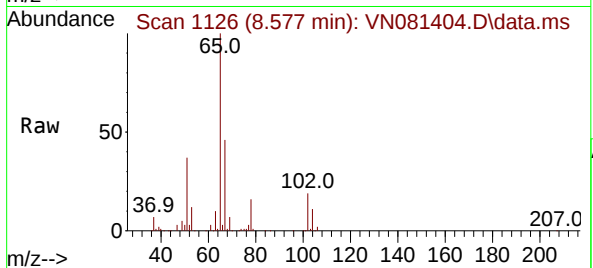
67 52.0 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

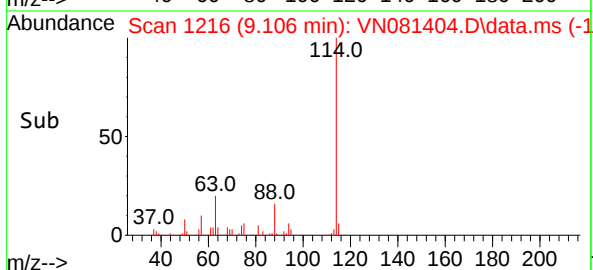
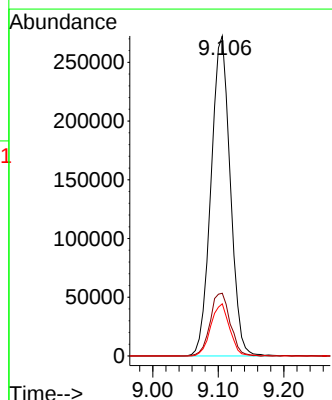
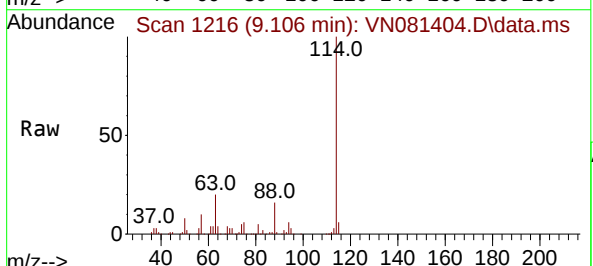
Tgt Ion:114 Resp: 553441

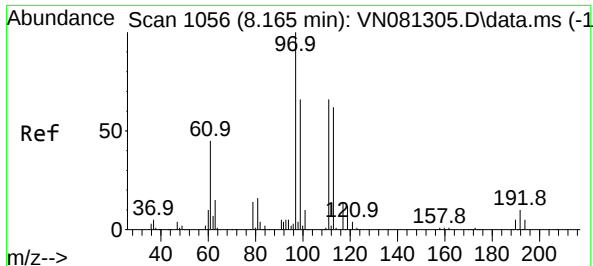
Ion Ratio Lower Upper

114 100

63 19.6 0.0 48.0

88 16.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 53.193 ug/l

RT: 8.171 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion:113 Resp: 18036

Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

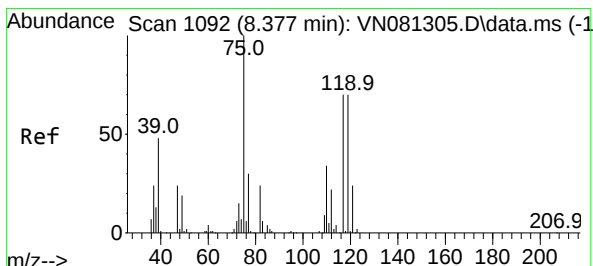
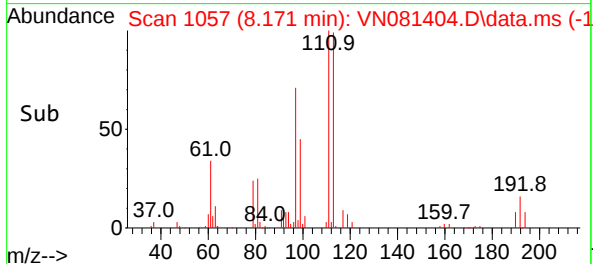
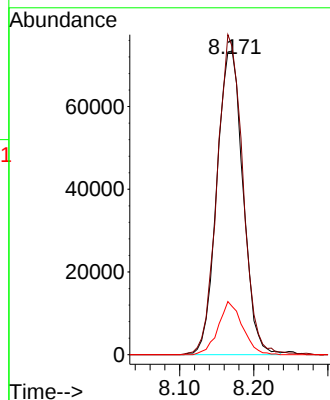
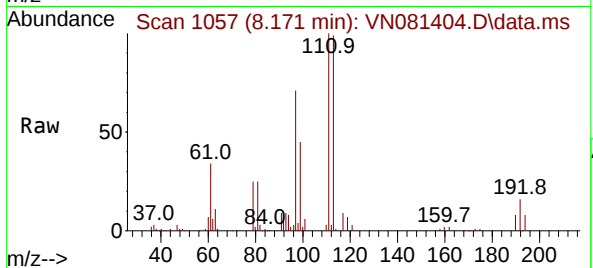
192 16.2 12.5 18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#36

1,1-Dichloropropene

Concen: 19.377 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

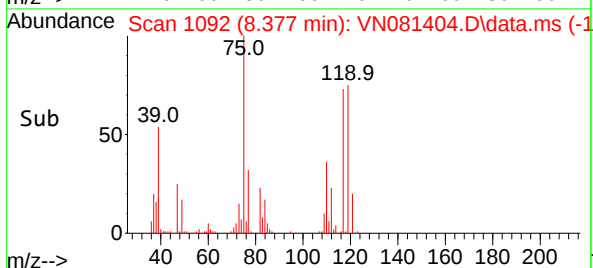
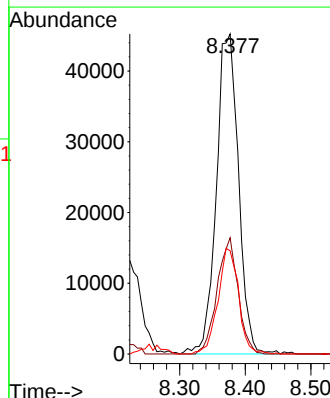
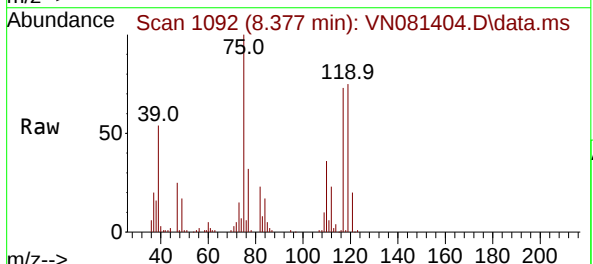
Tgt Ion: 75 Resp: 105996

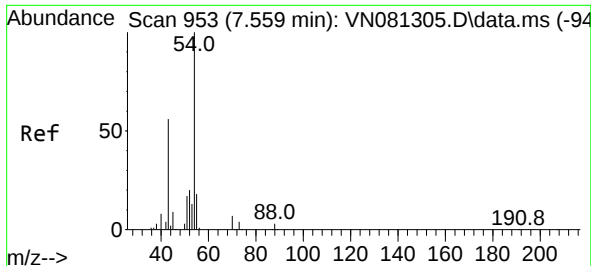
Ion Ratio Lower Upper

75 100

110 34.3 16.0 48.0

77 30.9 25.8 38.6





#37

Ethyl Acetate

Concen: 19.522 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 43 Resp: 104390

Ion Ratio Lower Upper

43 100

61 13.9 10.6 15.8

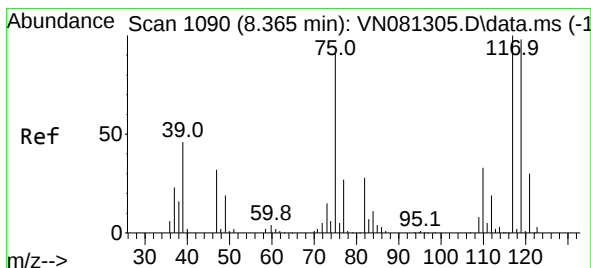
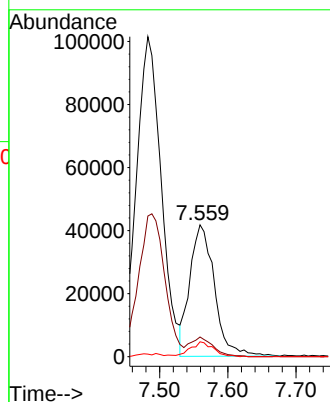
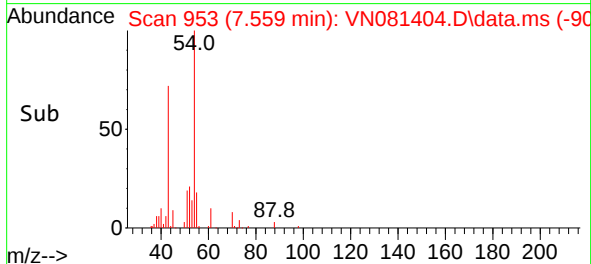
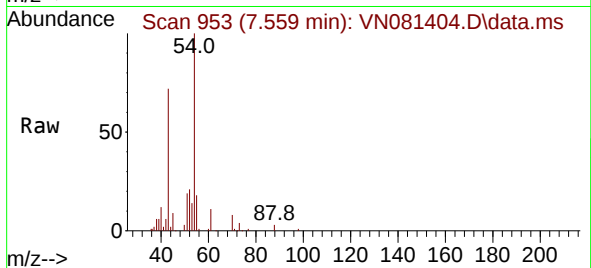
70 10.4 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#38

Carbon Tetrachloride

Concen: 20.384 ug/l

RT: 8.365 min Scan# 1090

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

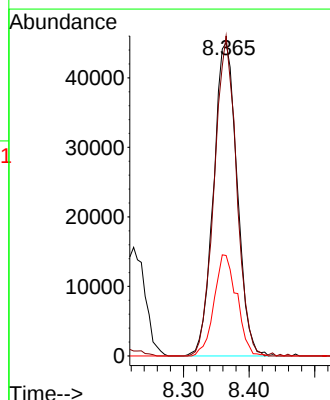
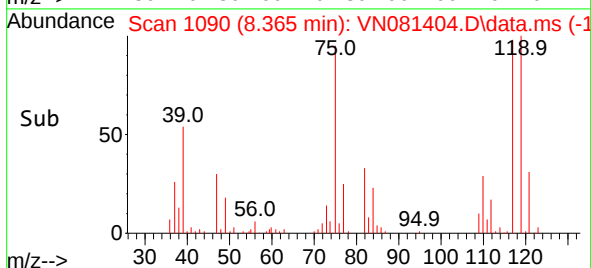
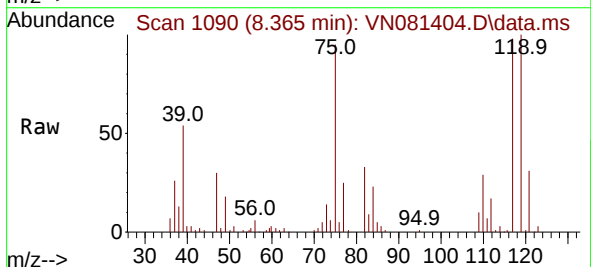
Tgt Ion:117 Resp: 112225

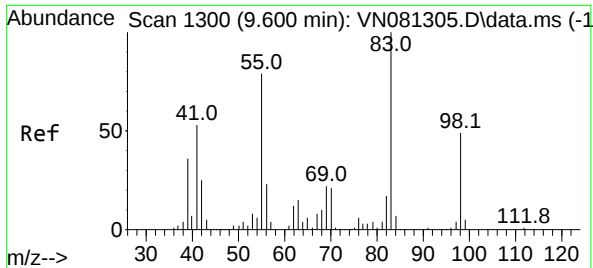
Ion Ratio Lower Upper

117 100

119 102.1 73.4 110.2

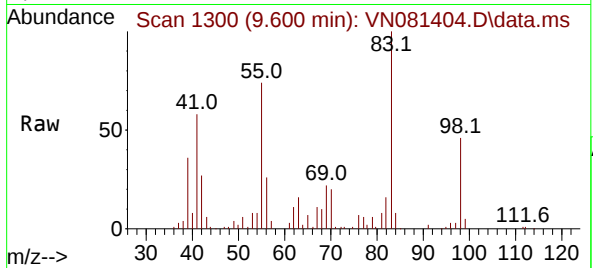
121 32.1 24.4 36.6





#39
Methylcyclohexane
Concen: 18.251 ug/l
RT: 9.600 min Scan# 11300
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

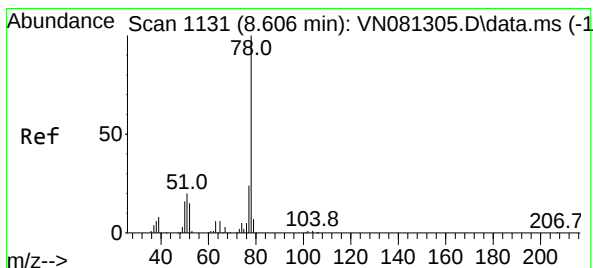
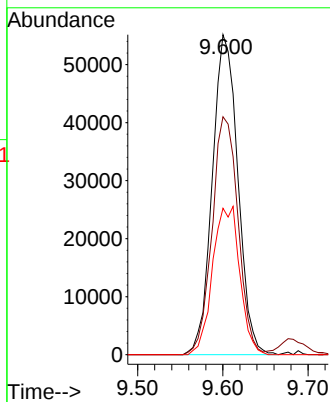
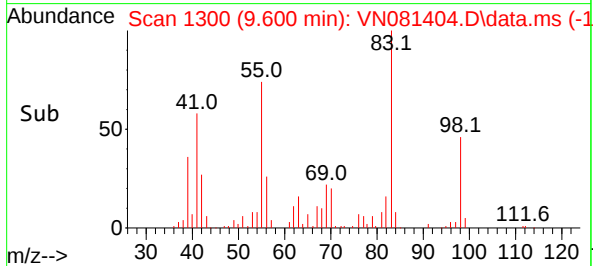
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 83 Resp: 114900
Ion Ratio Lower Upper
83 100
55 74.3 65.7 98.5
98 45.7 33.8 50.6

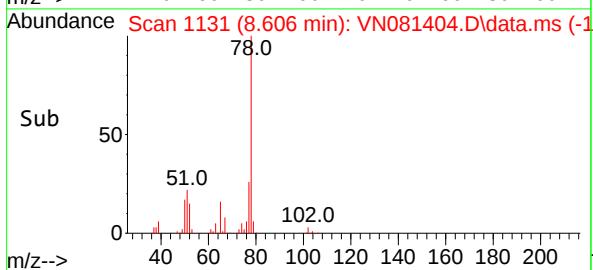
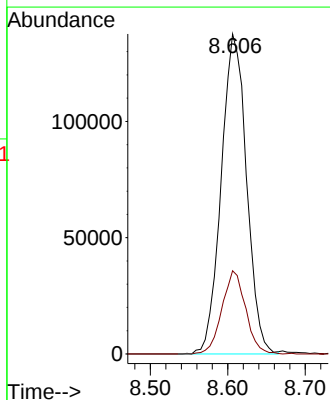
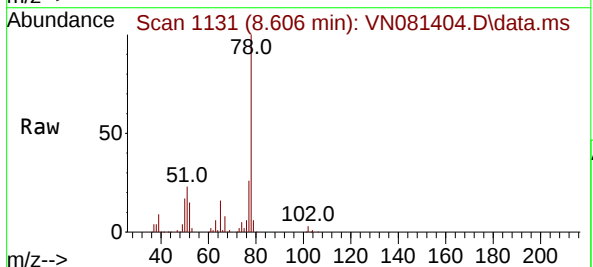
Manual Integrations
APPROVED

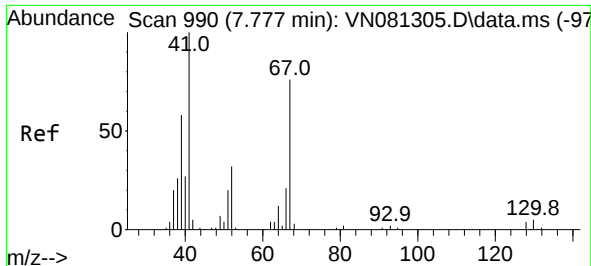
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#40
Benzene
Concen: 19.178 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 78 Resp: 313150
Ion Ratio Lower Upper
78 100
77 26.0 20.4 30.6





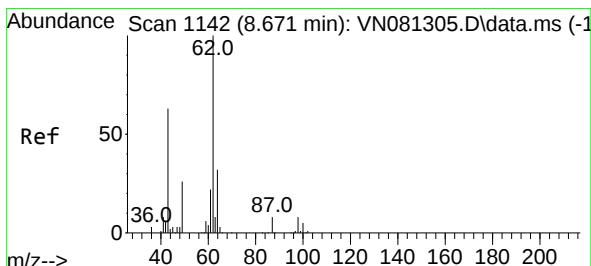
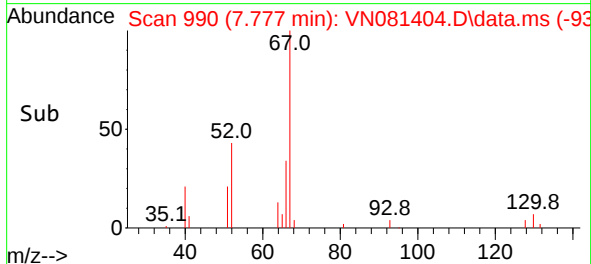
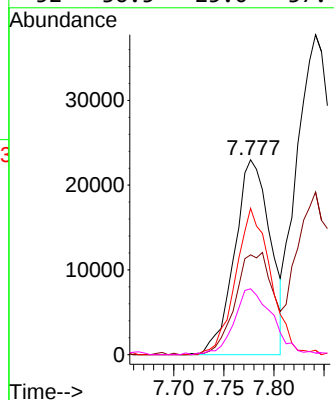
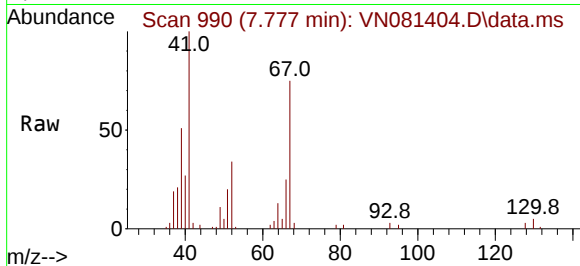
#41
Methacrylonitrile
Concen: 18.898 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

Tgt Ion: 41 Resp: 57068
Ion Ratio Lower Upper
41 100
39 54.6 48.4 72.6
67 74.0 56.8 85.2
52 36.5 25.0 37.4

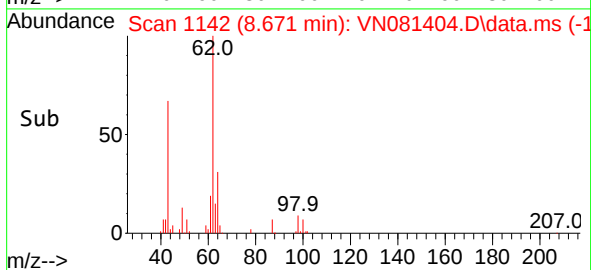
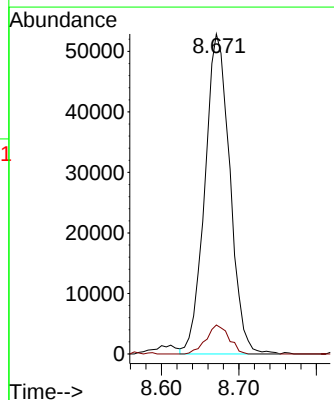
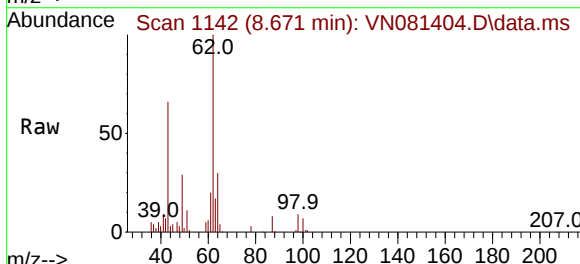
Manual Integrations
APPROVED

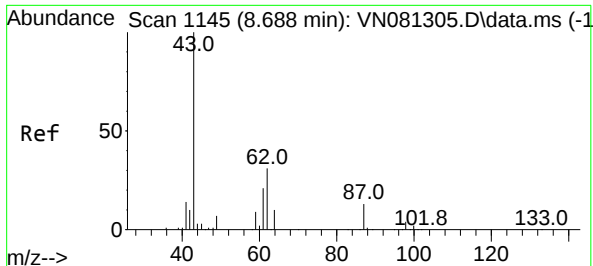
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#42
1,2-Dichloroethane
Concen: 20.576 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 62 Resp: 118460
Ion Ratio Lower Upper
62 100
98 8.2 0.0 18.0





#43

Isopropyl Acetate

Concen: 19.706 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

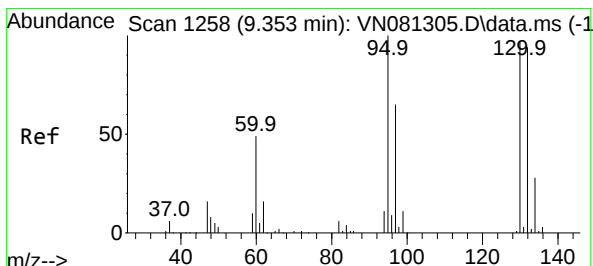
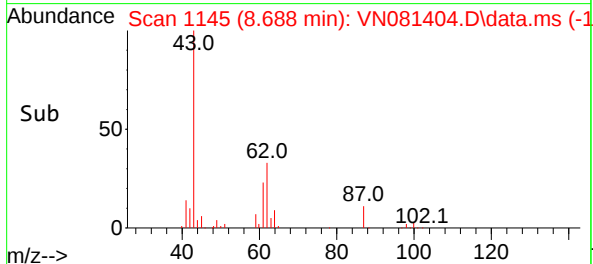
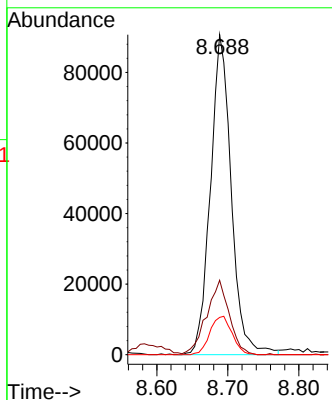
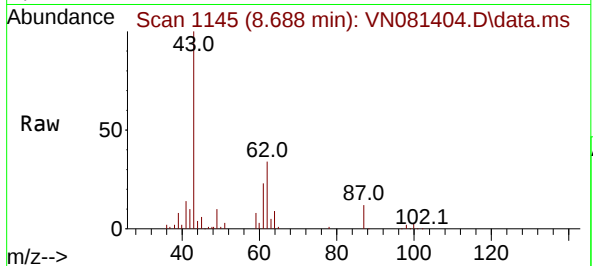
Tgt Ion: 43	Resp: 18444
Ion Ratio	Lower Upper
43	100
61	25.4 19.9 29.9
87	12.8 9.0 13.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#44

Trichloroethene

Concen: 18.972 ug/l

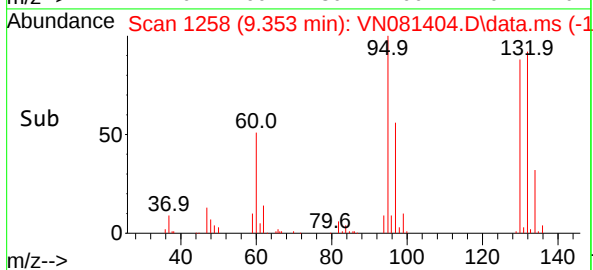
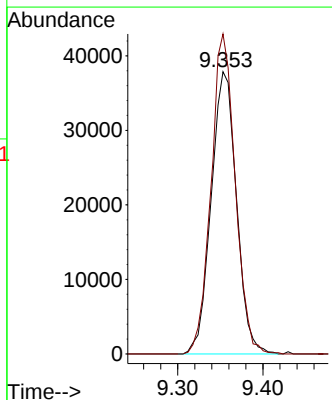
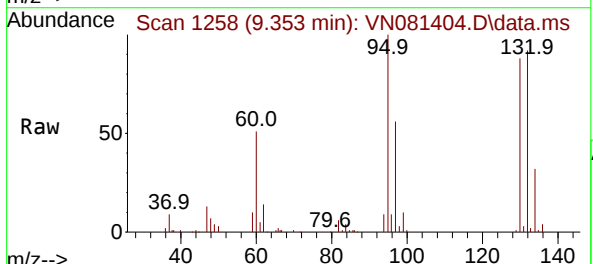
RT: 9.353 min Scan# 1258

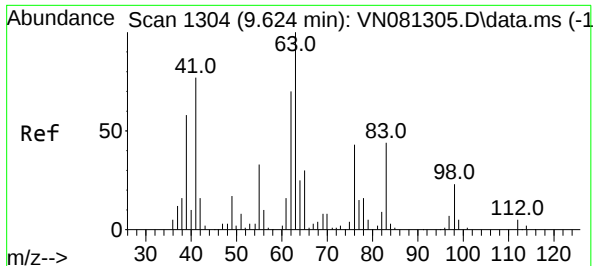
Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Tgt Ion:130	Resp: 78128
Ion Ratio	Lower Upper
130	100
95	113.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.715 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 63 Resp: 8086

Ion Ratio Lower Upper

63 100

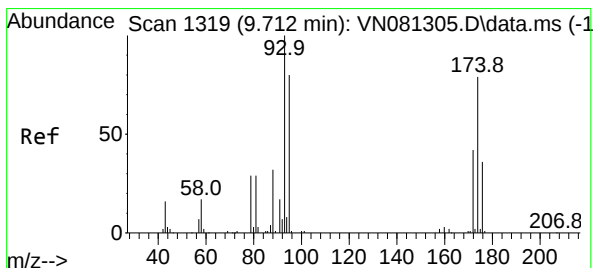
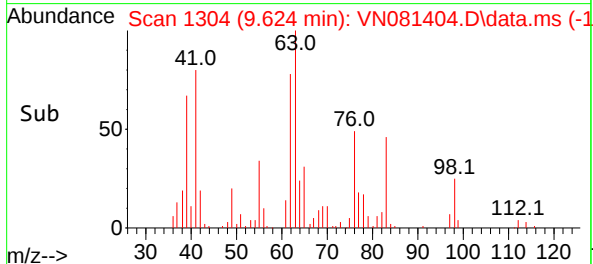
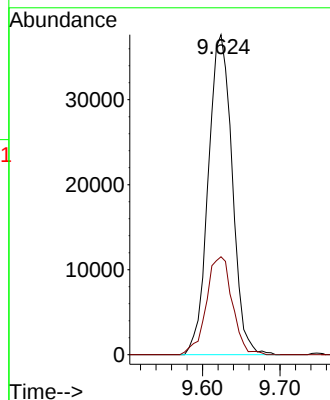
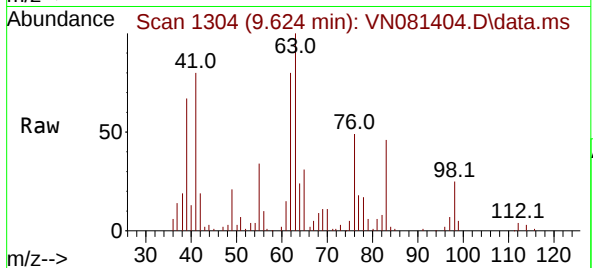
65 30.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#46

Dibromomethane

Concen: 19.849 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

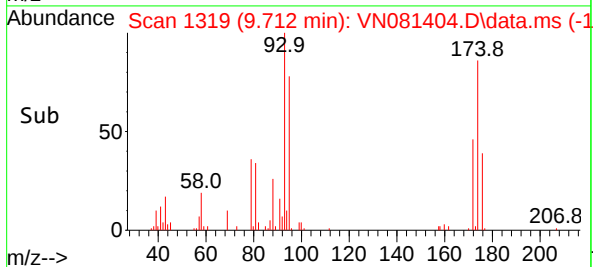
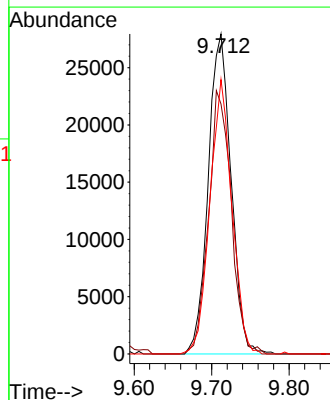
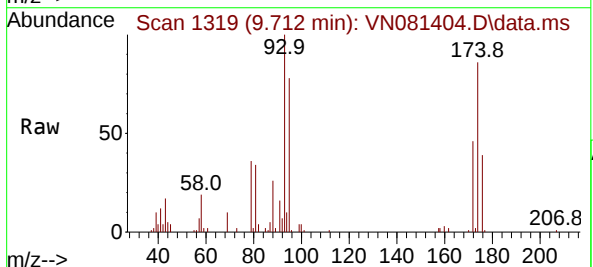
Tgt Ion: 93 Resp: 57388

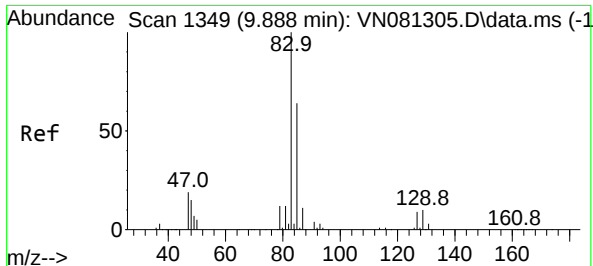
Ion Ratio Lower Upper

93 100

95 81.5 68.1 102.1

174 82.6 57.2 85.8





#47

Bromodichloromethane

Concen: 20.515 ug/l

RT: 9.888 min Scan# 11514

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

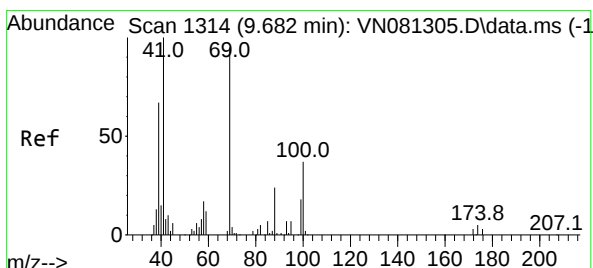
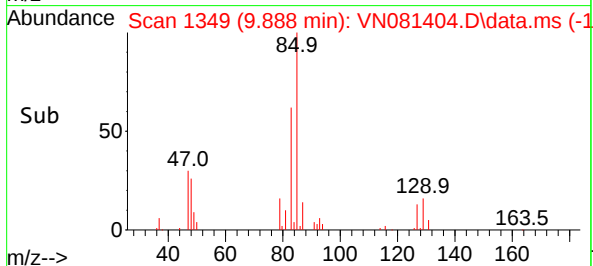
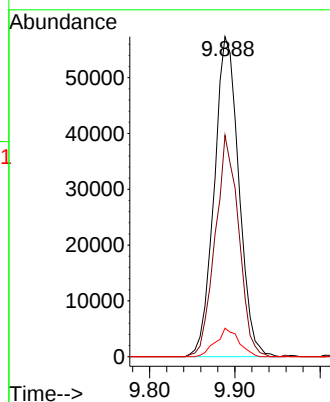
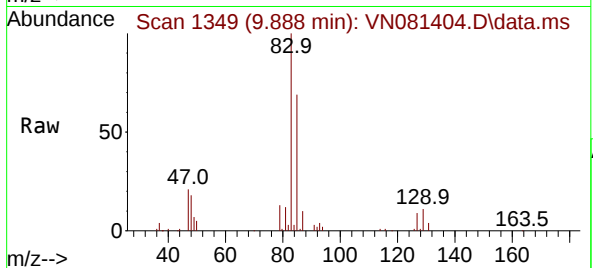
Tgt Ion:	83	Resp:	11514
Ion Ratio	Lower	Upper	
83	100		
85	69.2	52.3	78.5
127	8.9	4.6	7.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#48

Methyl methacrylate

Concen: 19.915 ug/l

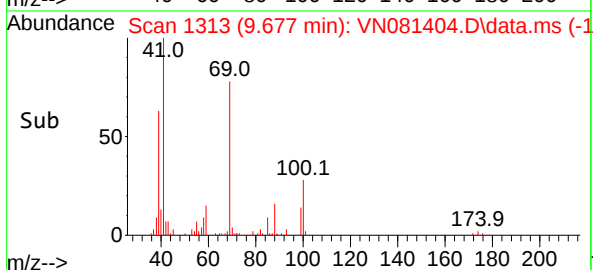
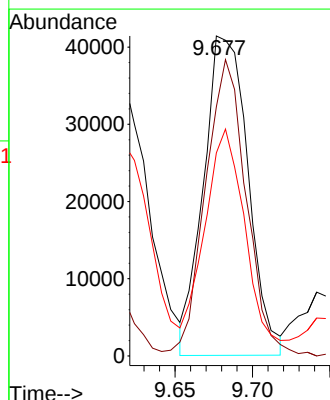
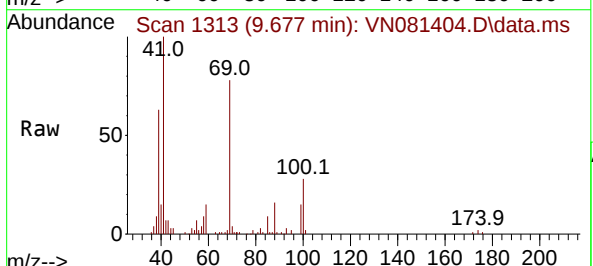
RT: 9.677 min Scan# 1313

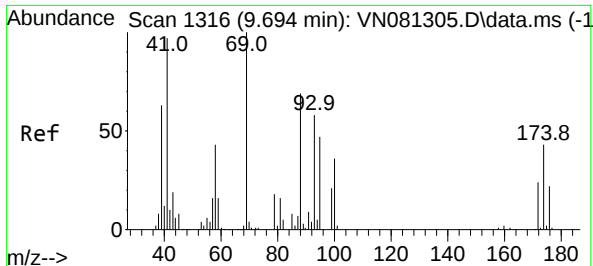
Delta R.T. -0.006 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Tgt Ion:	41	Resp:	82389
Ion Ratio	Lower	Upper	
41	100		
69	85.8	62.2	93.2
39	65.2	47.6	71.4





#49

1,4-Dioxane

Concen: 362.542 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 88 Resp: 33059

Ion Ratio Lower Upper

88 100

43 29.7 30.1 45.1

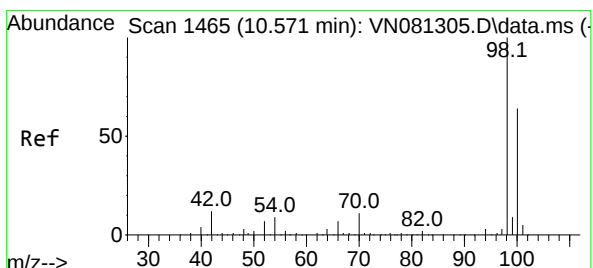
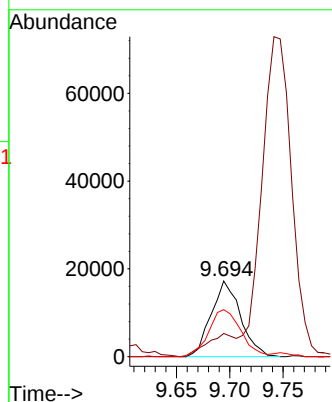
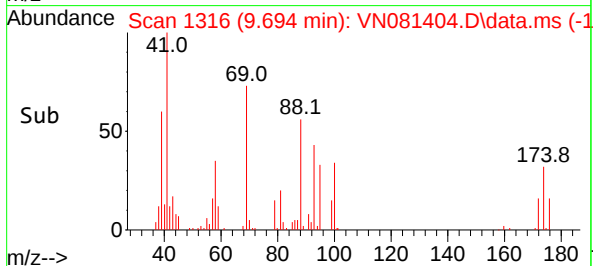
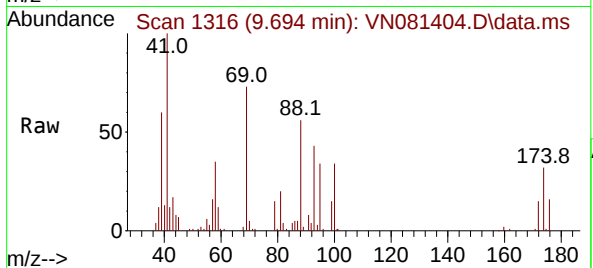
58 67.9 63.9 95.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#50

Toluene-d8

Concen: 52.339 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081404.D

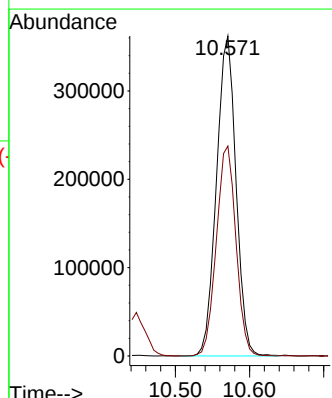
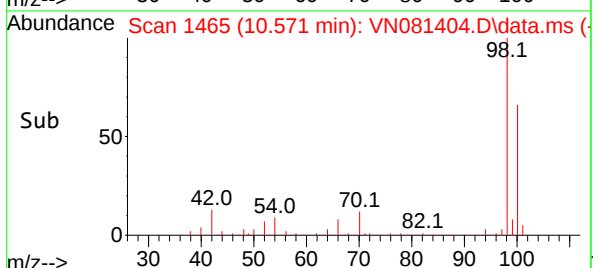
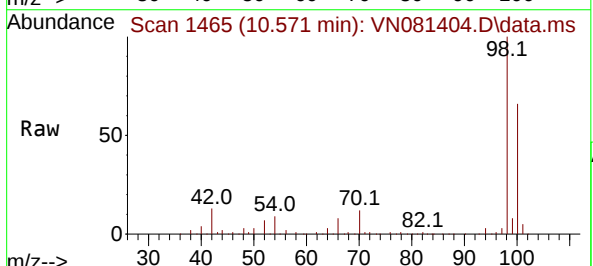
Acq: 14 Mar 2024 12:44

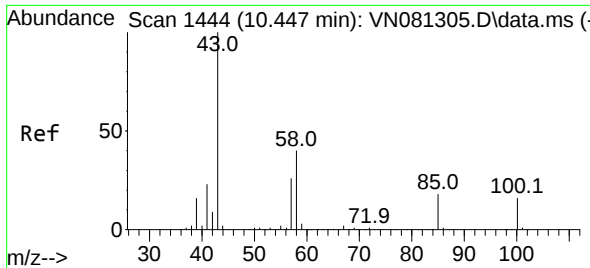
Tgt Ion: 98 Resp: 663423

Ion Ratio Lower Upper

98 100

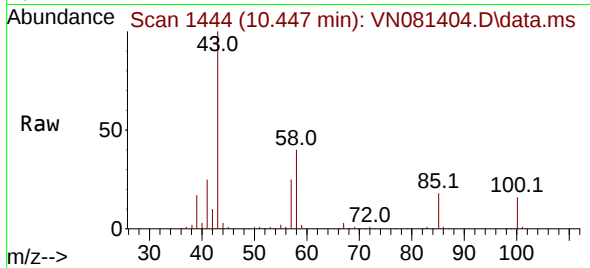
100 65.8 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 101.088 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

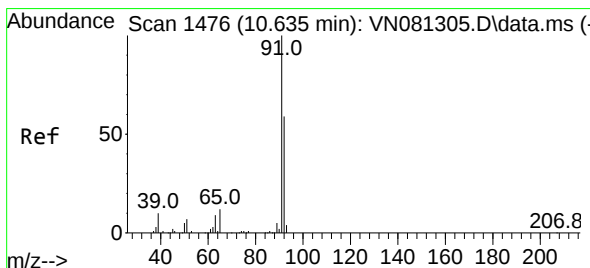
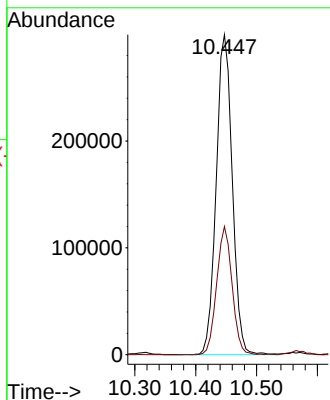
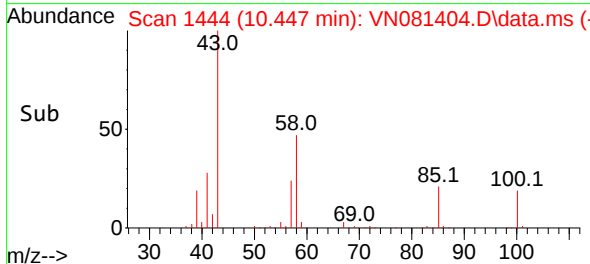
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 43 Resp: 549375
Ion Ratio Lower Upper
43 100
58 38.5 29.4 44.0

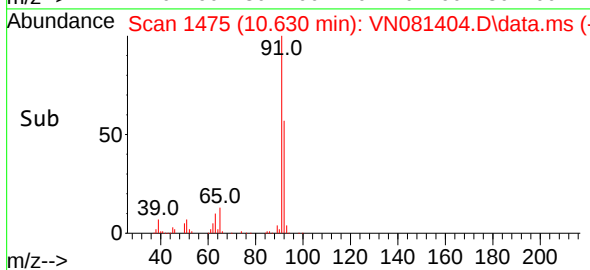
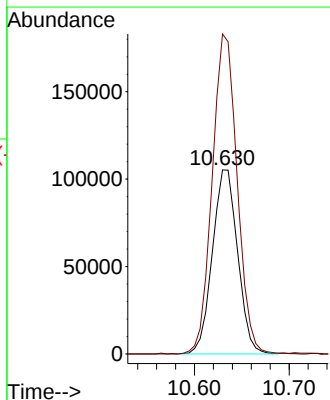
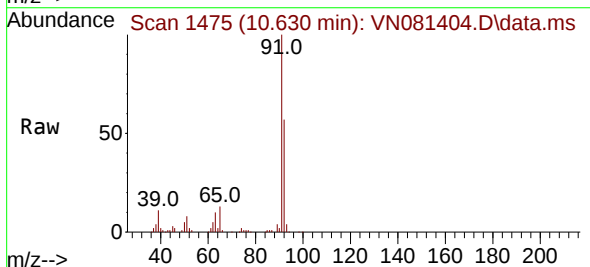
Manual Integrations
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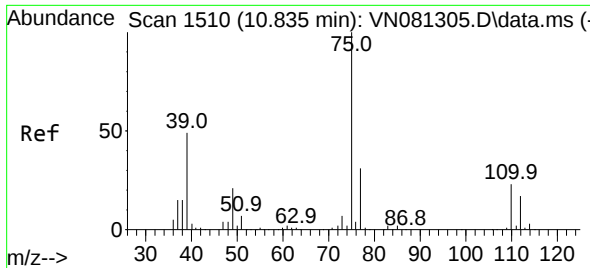
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#52
Toluene
Concen: 19.781 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

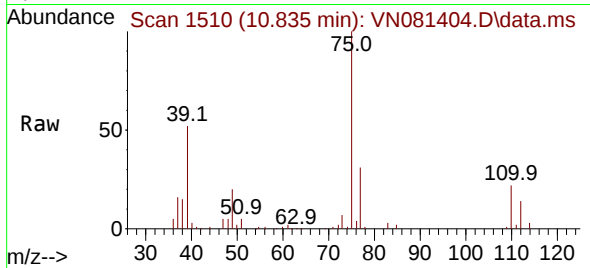
Tgt Ion: 92 Resp: 195107
Ion Ratio Lower Upper
92 100
91 171.9 139.4 209.0





#53
t-1,3-Dichloropropene
Concen: 19.654 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

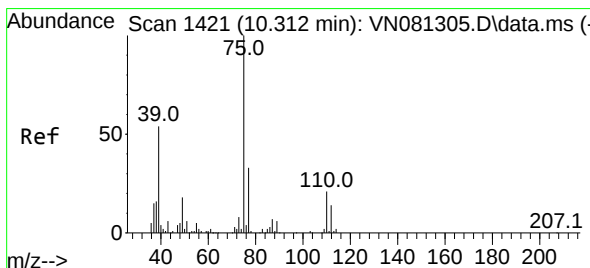
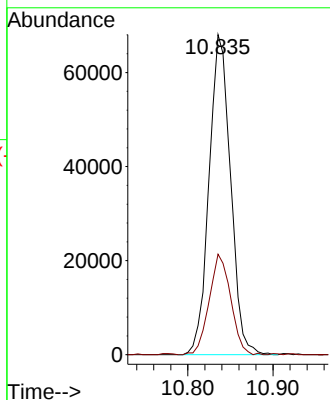
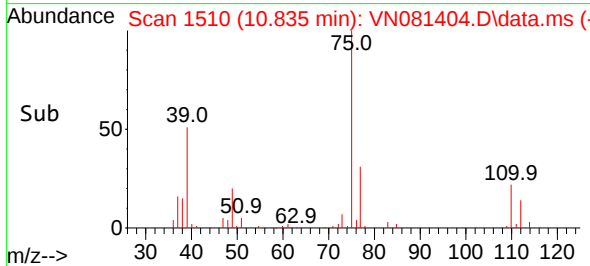
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 75 Resp: 119358
Ion Ratio Lower Upper
75 100
77 31.4 25.5 38.3

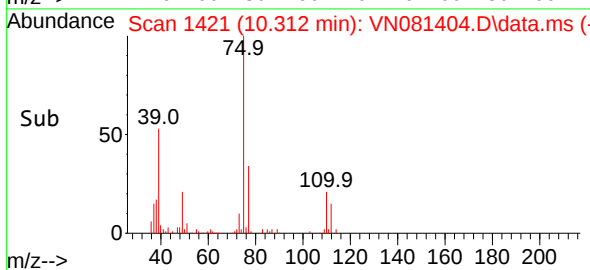
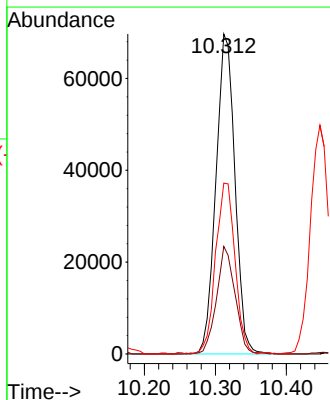
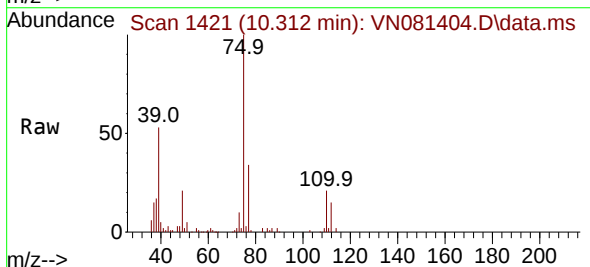
Manual Integrations
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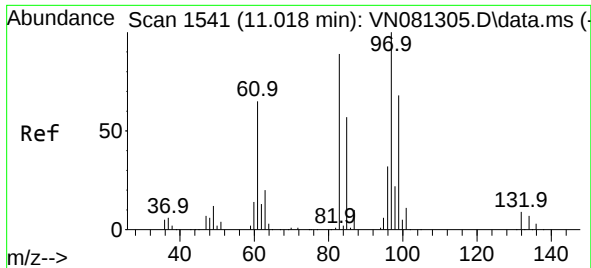
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#54
cis-1,3-Dichloropropene
Concen: 19.701 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

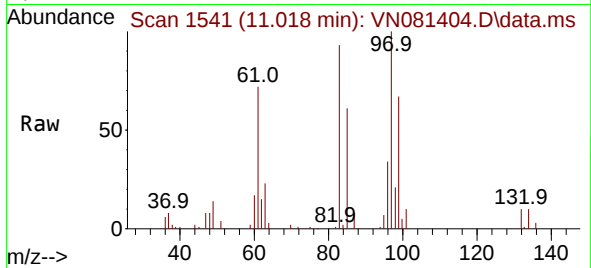
Tgt Ion: 75 Resp: 129154
Ion Ratio Lower Upper
75 100
77 33.6 23.3 34.9
39 53.4 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.977 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01

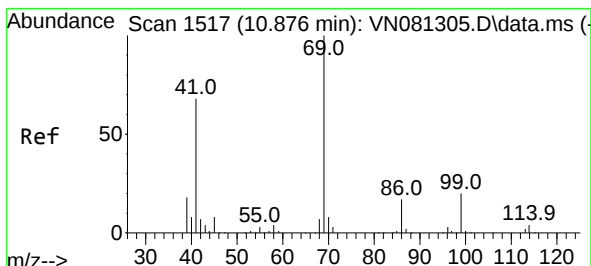
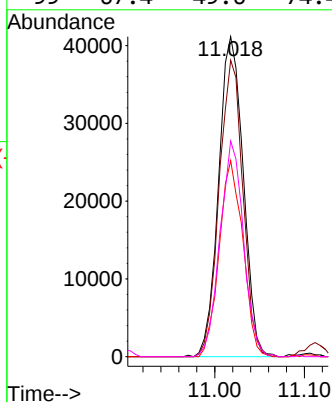
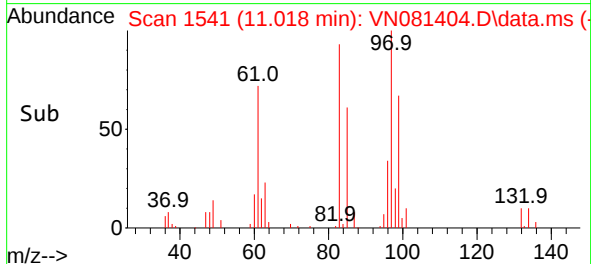


Tgt Ion: 97 Resp: 7813

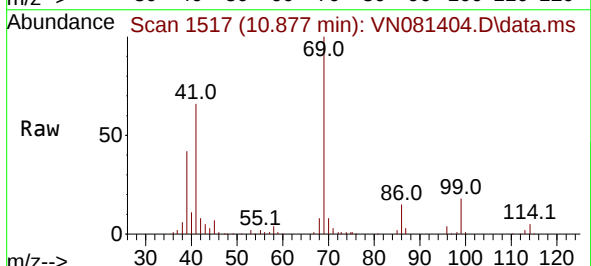
Ion	Ratio	Lower	Upper
97	100		
83	92.7	72.9	109.3
85	61.2	50.2	75.2
99	67.4	49.6	74.4

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

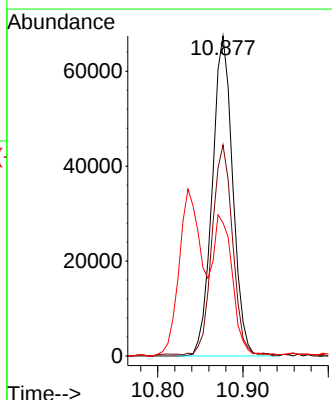
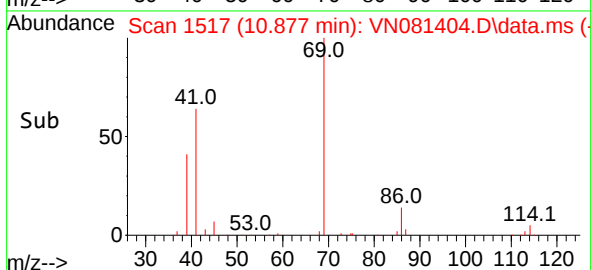


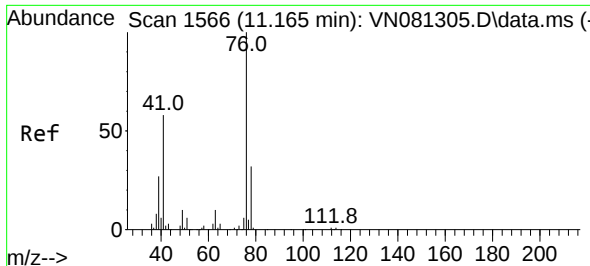
#56
Ethyl methacrylate
Concen: 20.072 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



Tgt Ion: 69 Resp: 112737

Ion	Ratio	Lower	Upper
69	100		
41	66.4	61.0	91.6
39	40.6	31.8	47.6





#57

1,3-Dichloropropane

Concen: 19.915 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 76 Resp: 135950

Ion Ratio Lower Upper

76 100

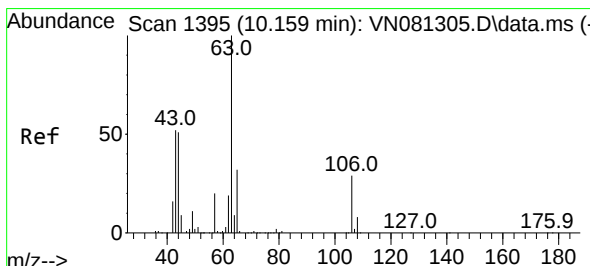
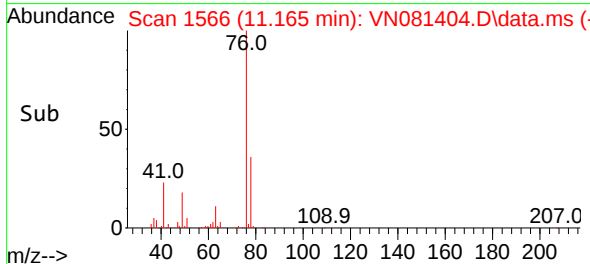
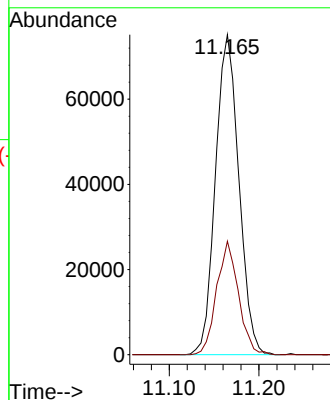
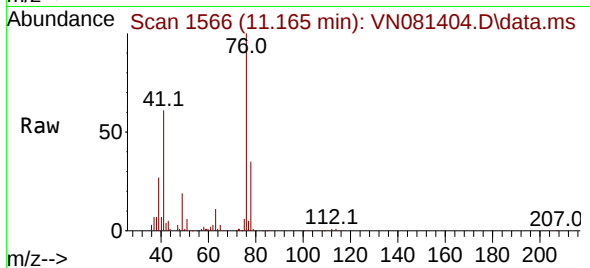
78 33.0 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#58

2-Chloroethyl Vinyl ether

Concen: 90.984 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.006 min

Lab File: VN081404.D

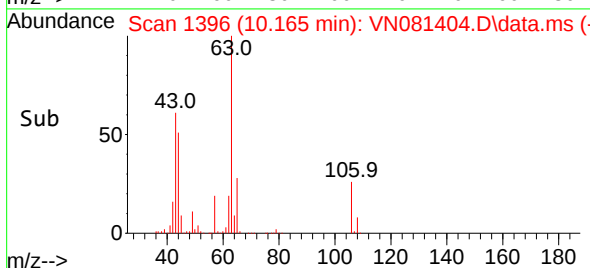
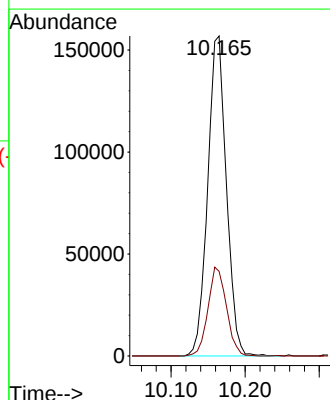
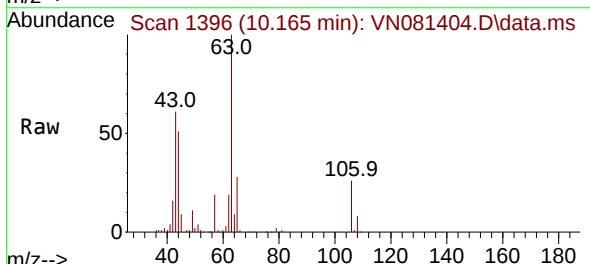
Acq: 14 Mar 2024 12:44

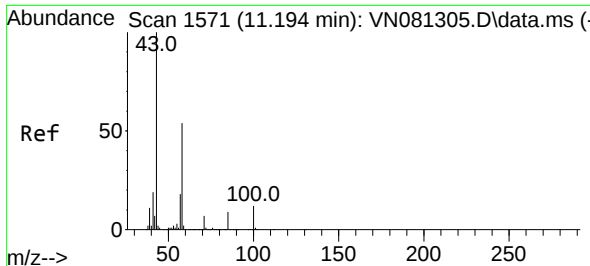
Tgt Ion: 63 Resp: 274881

Ion Ratio Lower Upper

63 100

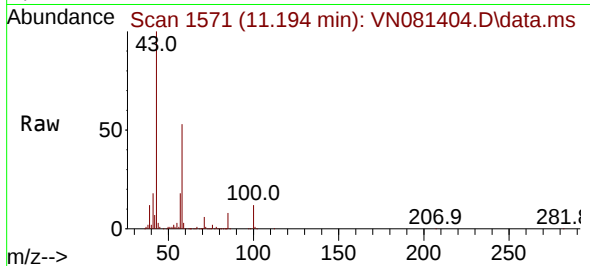
106 27.4 18.6 28.0





#59
2-Hexanone
Concen: 100.443 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

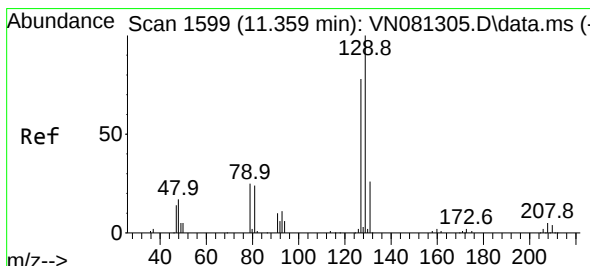
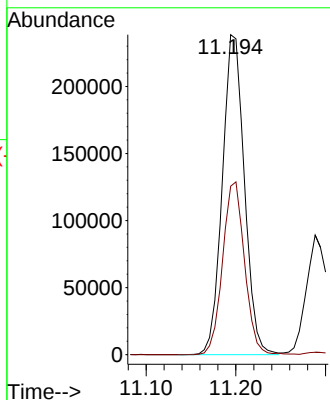
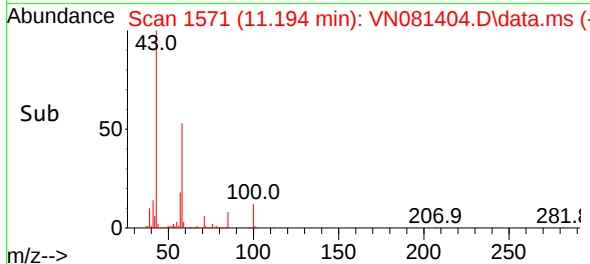
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



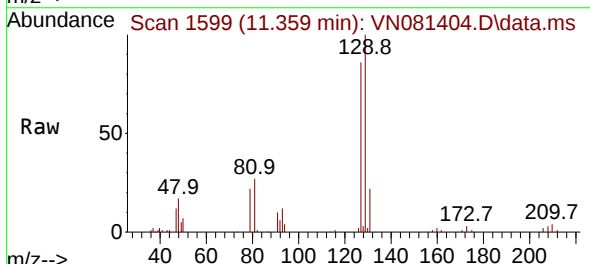
Tgt Ion: 43 Resp: 408083
Ion Ratio Lower Upper
43 100
58 53.6 25.9 77.8

Manual Integrations
APPROVED

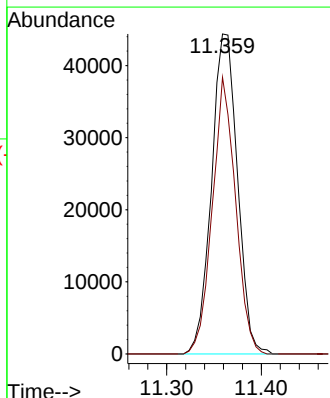
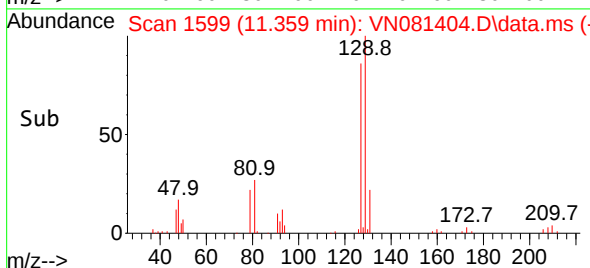
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

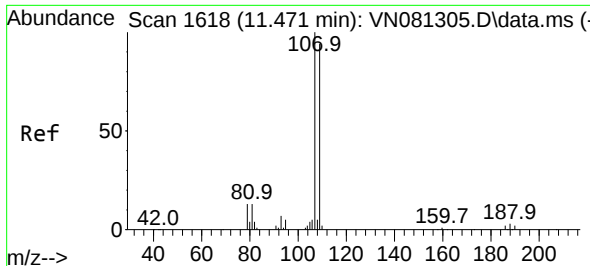


#60
Dibromochloromethane
Concen: 21.042 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



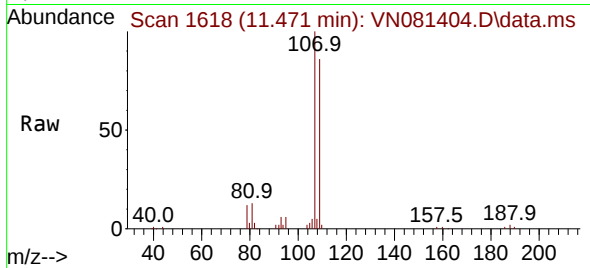
Tgt Ion:129 Resp: 84765
Ion Ratio Lower Upper
129 100
127 77.3 39.4 118.2





#61
1,2-Dibromoethane
Concen: 19.781 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

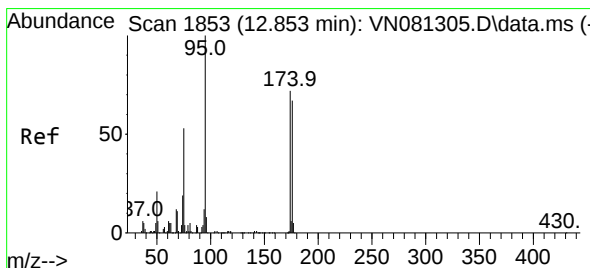
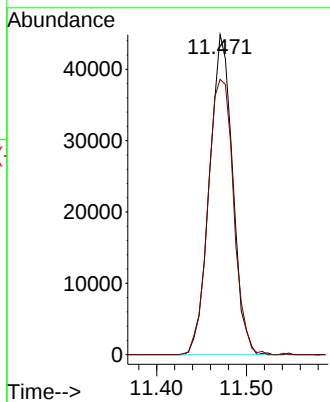
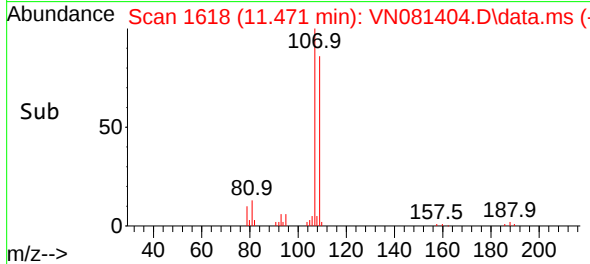
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



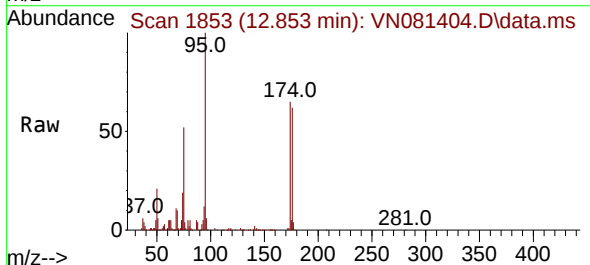
Tgt Ion:107 Resp: 8028
Ion Ratio Lower Upper
107 100
109 95.3 73.4 110.2

Manual Integrations
APPROVED

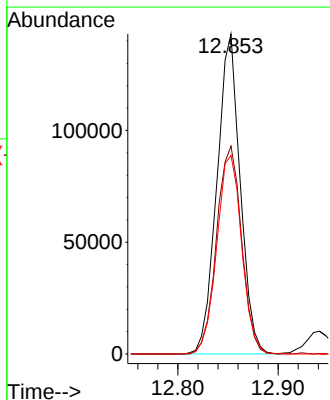
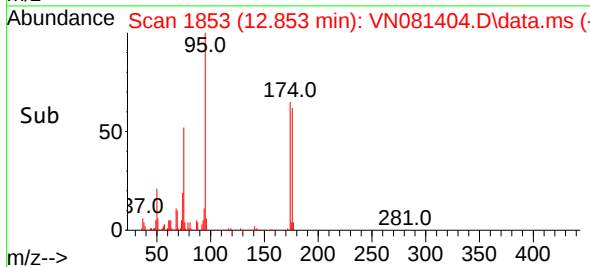
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

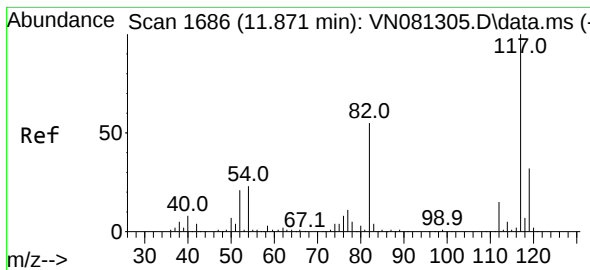


#62
4-Bromofluorobenzene
Concen: 51.439 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



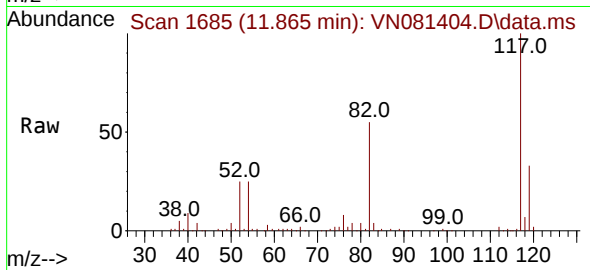
Tgt Ion: 95 Resp: 230444
Ion Ratio Lower Upper
95 100
174 69.6 0.0 120.4
176 66.5 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

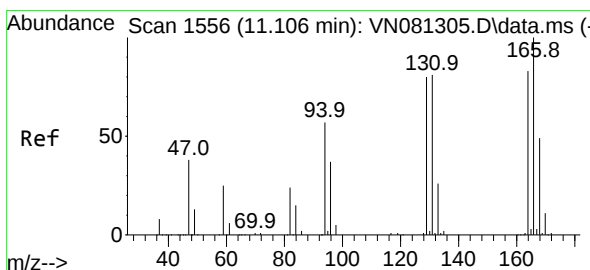
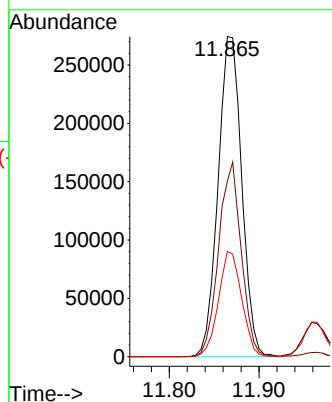
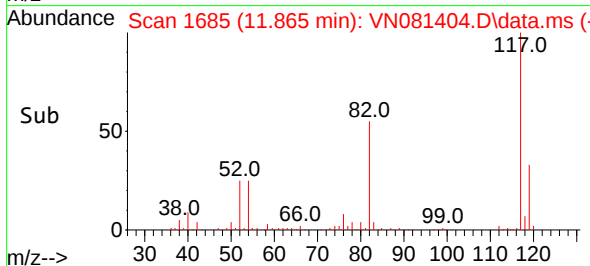
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion:117 Resp: 50258
Ion Ratio Lower Upper
117 100
82 54.9 52.7 79.1
119 32.9 25.3 37.9

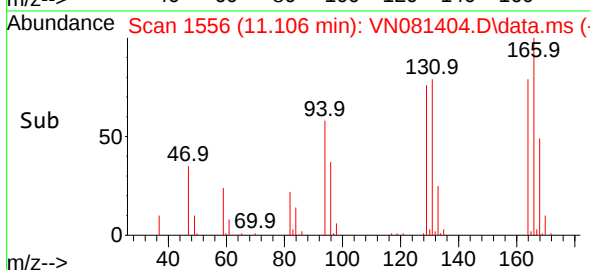
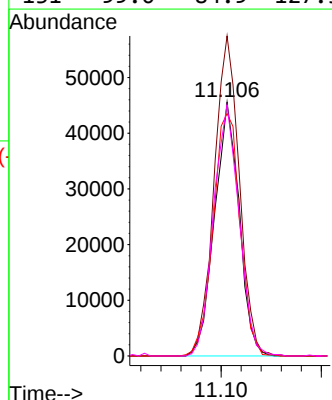
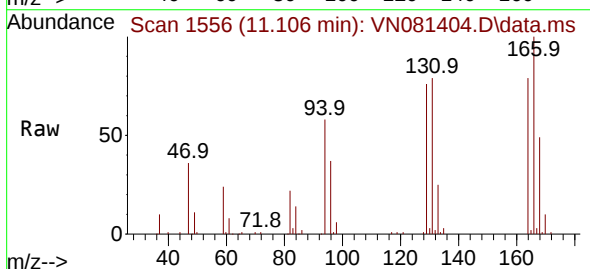
Manual Integrations
APPROVED

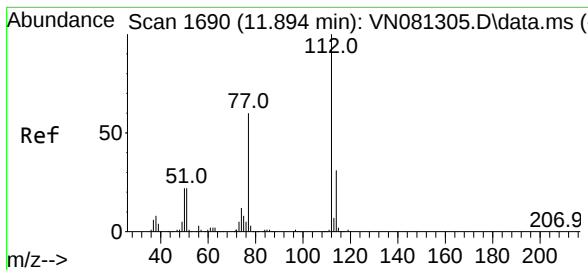
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#64
Tetrachloroethene
Concen: 19.692 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

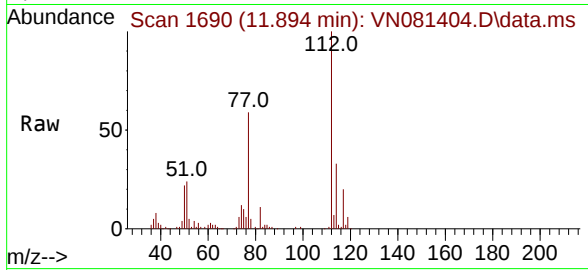
Tgt Ion:164 Resp: 77493
Ion Ratio Lower Upper
164 100
166 126.1 105.8 158.6
129 95.5 89.6 134.4
131 99.0 84.9 127.3





#65
Chlorobenzene
Concen: 19.754 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

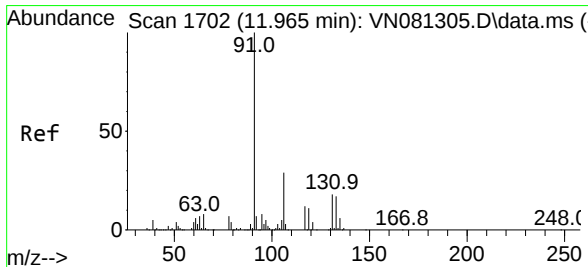
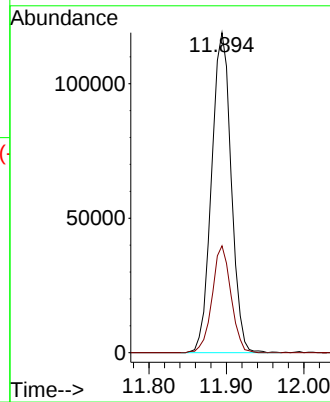
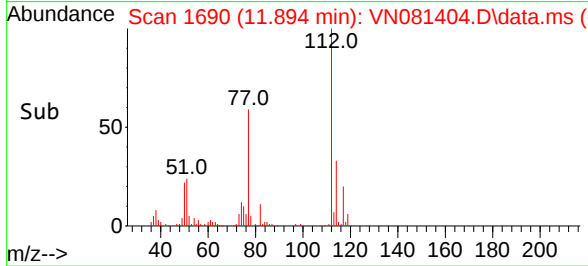
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



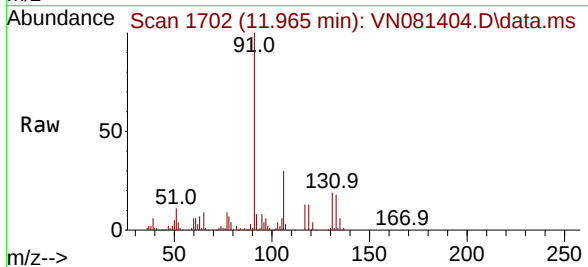
Tgt Ion:112 Resp: 209200
Ion Ratio Lower Upper
112 100
114 33.4 23.7 35.5

Manual Integrations
APPROVED

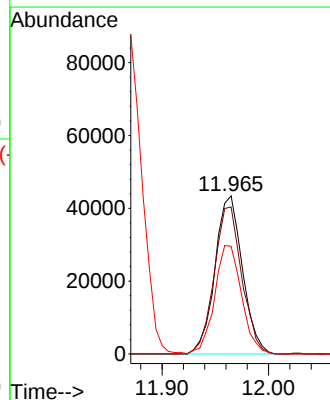
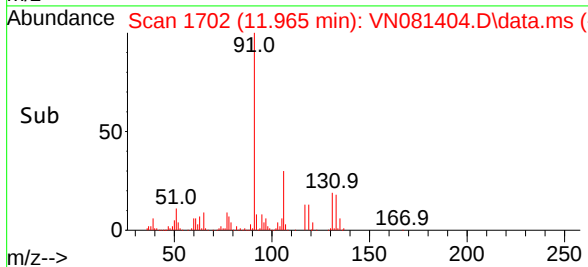
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

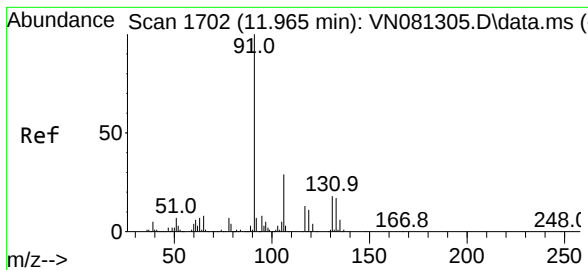


#66
1,1,1,2-Tetrachloroethane
Concen: 20.032 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



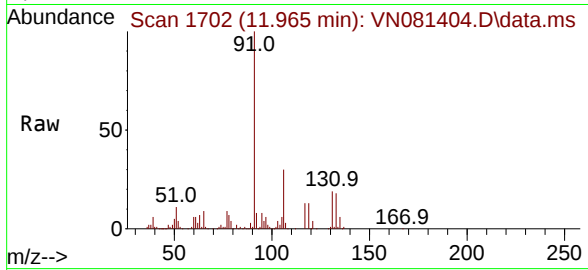
Tgt Ion:131 Resp: 77631
Ion Ratio Lower Upper
131 100
133 93.8 46.8 140.3
119 67.3 34.6 103.9





#67
Ethyl Benzene
Concen: 19.299 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

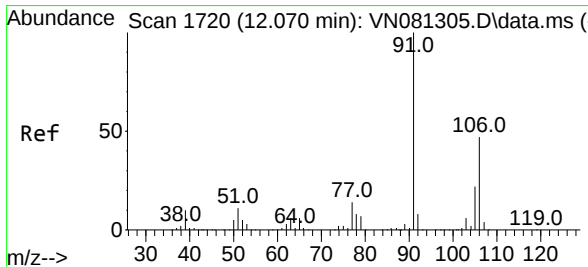
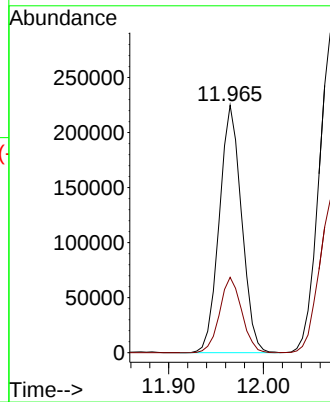
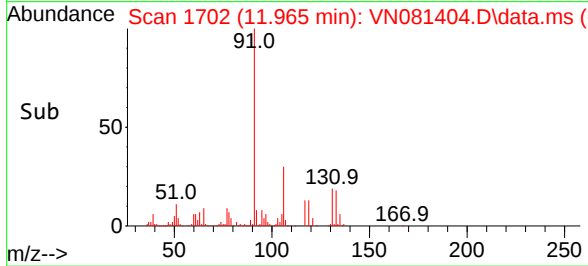
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



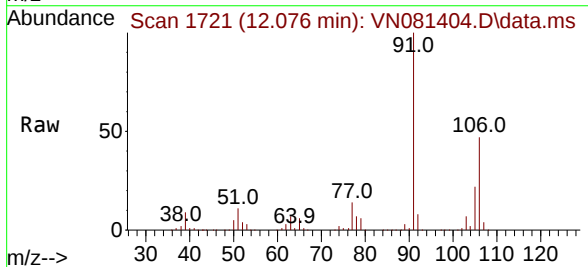
Tgt Ion: 91 Resp: 368170
Ion Ratio Lower Upper
91 100
106 30.5 23.8 35.6

Manual Integrations
APPROVED

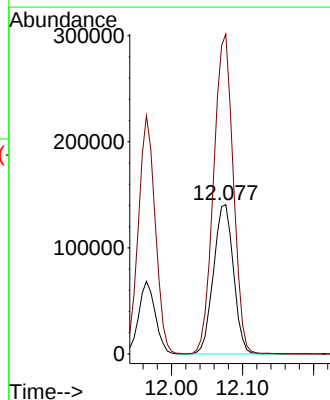
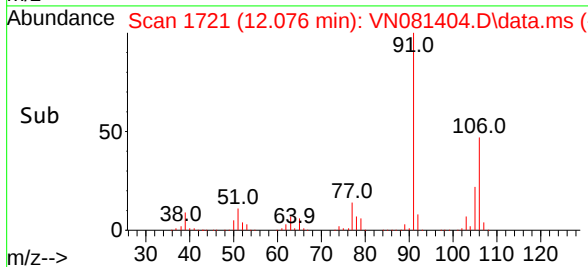
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

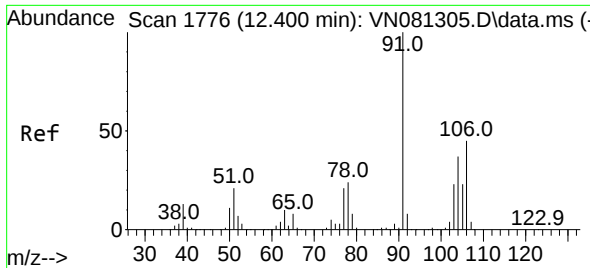


#68
m/p-Xylenes
Concen: 38.208 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



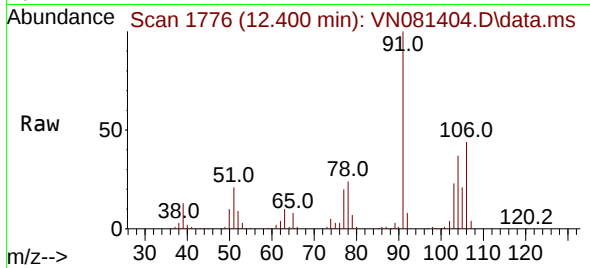
Tgt Ion:106 Resp: 274324
Ion Ratio Lower Upper
106 100
91 211.0 169.0 253.6





#69
o-Xylene
Concen: 18.924 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

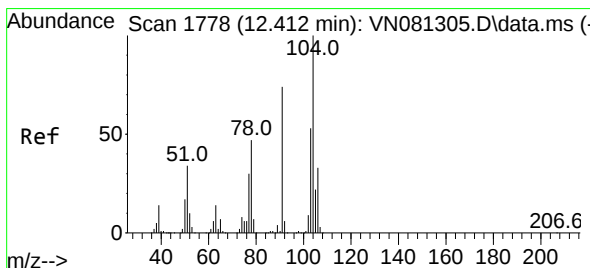
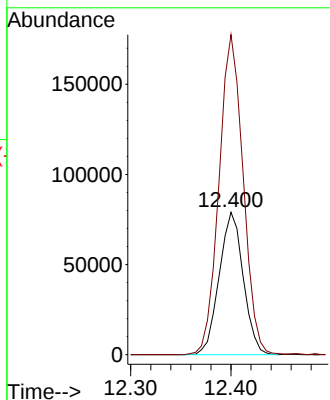
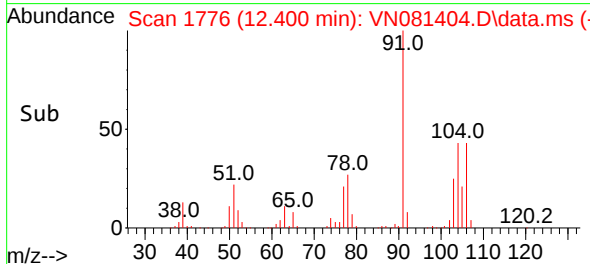
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



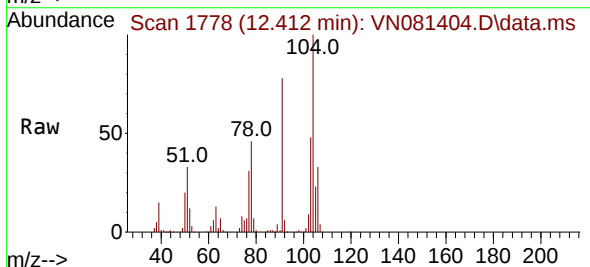
Tgt Ion:106 Resp: 131679
Ion Ratio Lower Upper
106 100
91 225.3 112.1 336.3

Manual Integrations
APPROVED

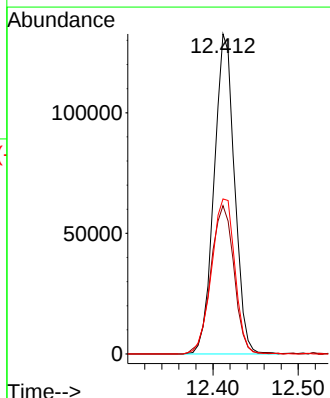
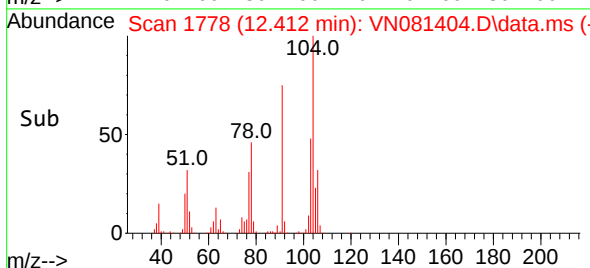
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

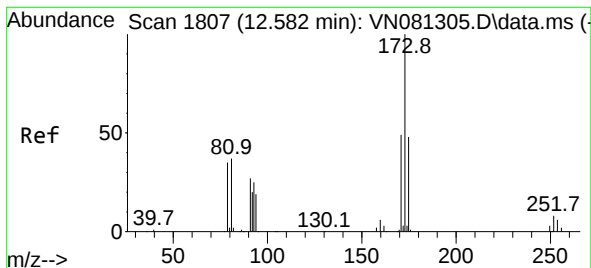


#70
Styrene
Concen: 20.086 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



Tgt Ion:104 Resp: 221488
Ion Ratio Lower Upper
104 100
78 52.3 43.8 65.8
103 55.4 44.2 66.2





#71

Bromoform

Concen: 20.048 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.006 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

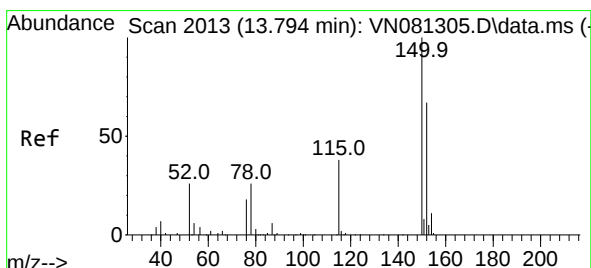
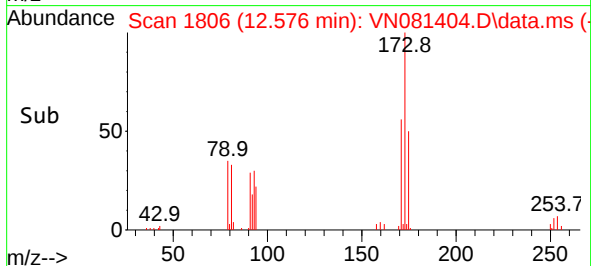
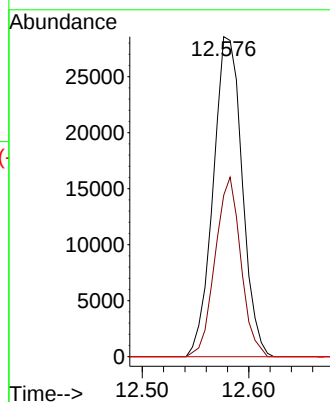
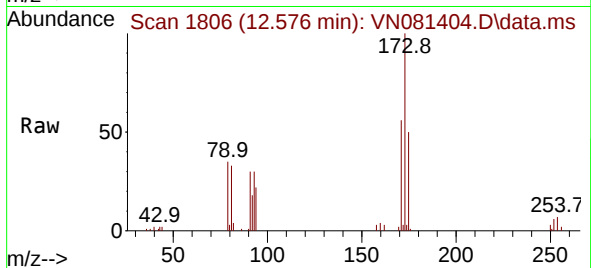
Tgt Ion:	173	Resp:	53940
Ion Ratio	Lower	Upper	
173	100		
175	49.7	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

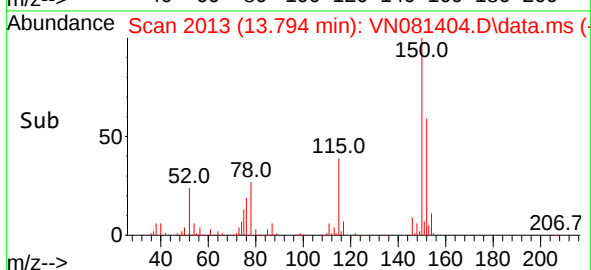
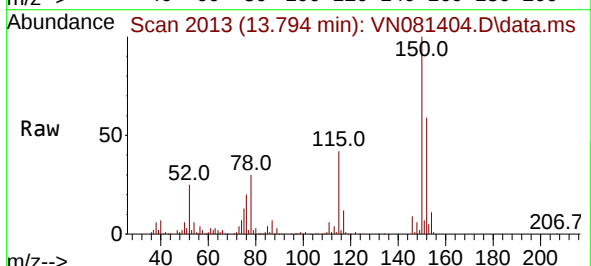
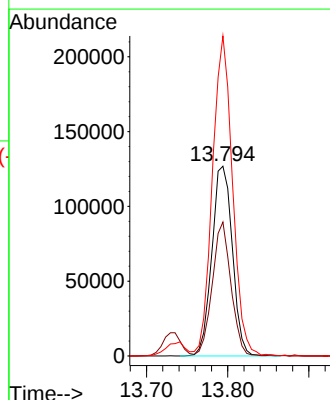
RT: 13.794 min Scan# 2013

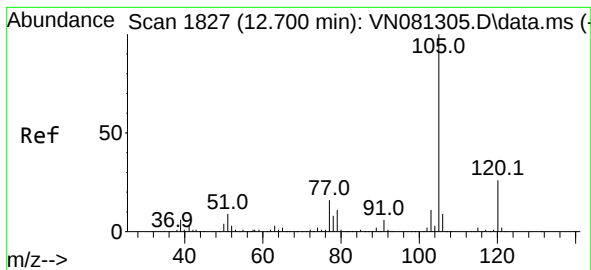
Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Tgt Ion:	152	Resp:	222348
Ion Ratio	Lower	Upper	
152	100		
115	64.0	32.3	96.8
150	165.7	0.0	339.8





#73

Isopropylbenzene

Concen: 19.794 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion:105 Resp: 355392

Ion Ratio Lower Upper

105 100

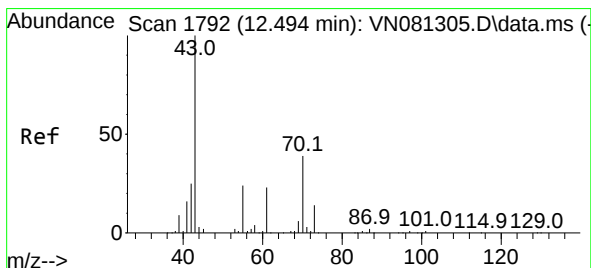
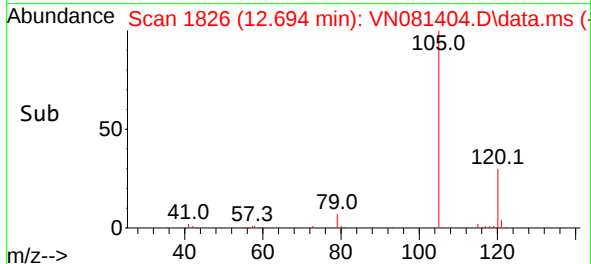
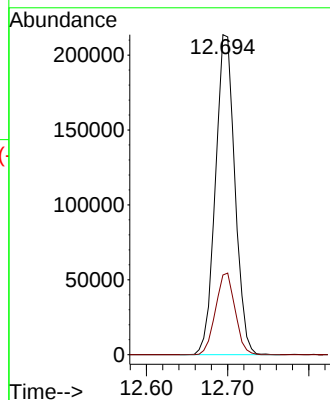
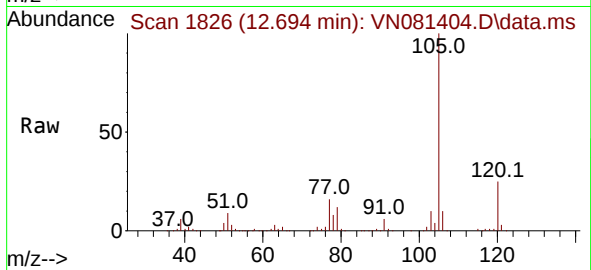
120 25.6 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#74

N-ethyl acetate

Concen: 19.341 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Tgt Ion: 43 Resp: 145704

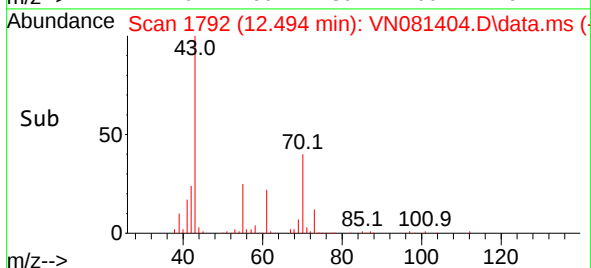
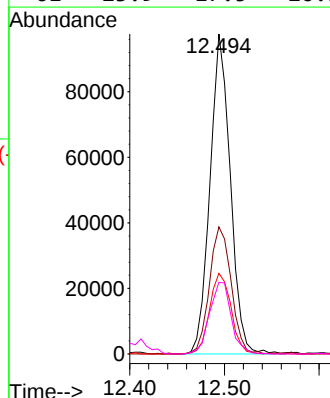
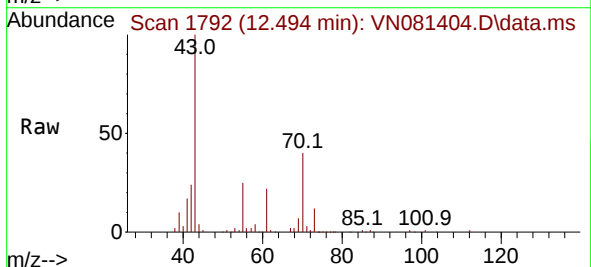
Ion Ratio Lower Upper

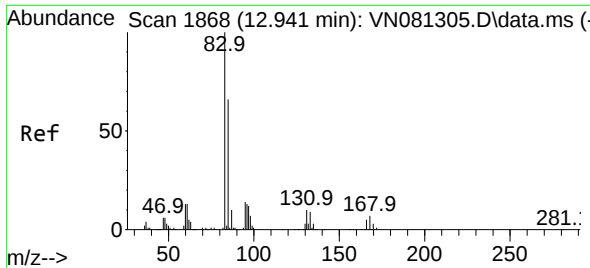
43 100

70 42.5 30.1 45.1

55 26.4 17.0 25.4#

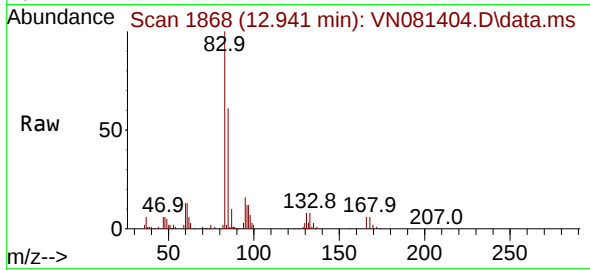
61 23.9 17.5 26.3





#75
1,1,2,2-Tetrachloroethane
Concen: 19.533 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

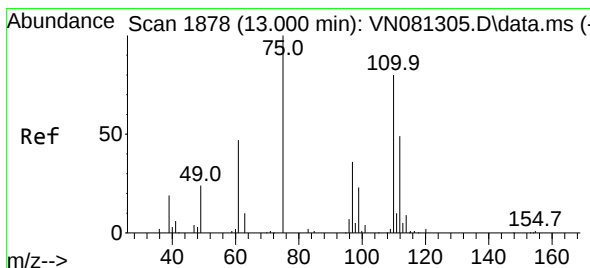
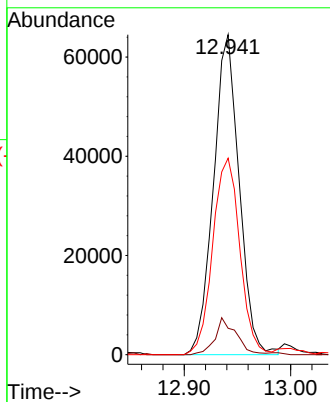
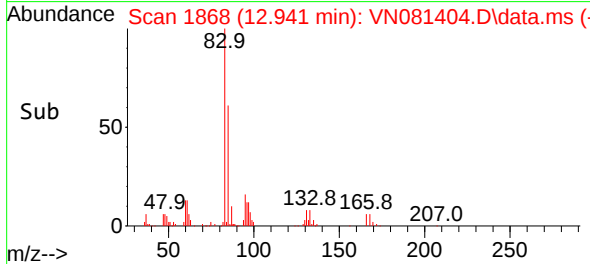
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



Tgt Ion: 83 Resp: 10823
Ion Ratio Lower Upper
83 100
131 9.5 4.1 12.3
85 64.6 32.1 96.3

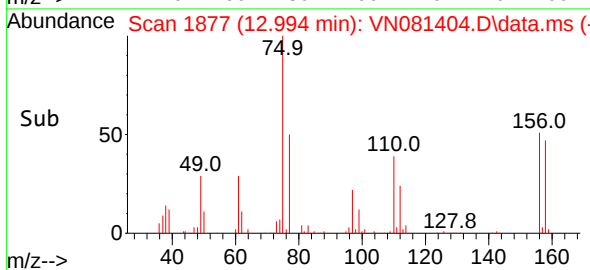
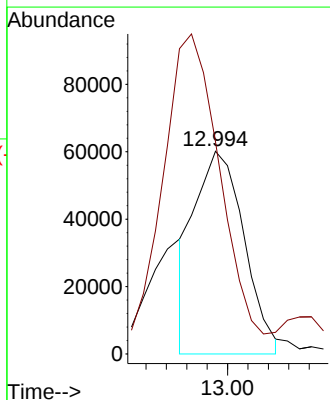
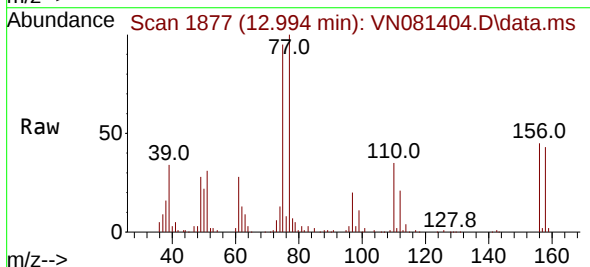
Manual Integrations
APPROVED

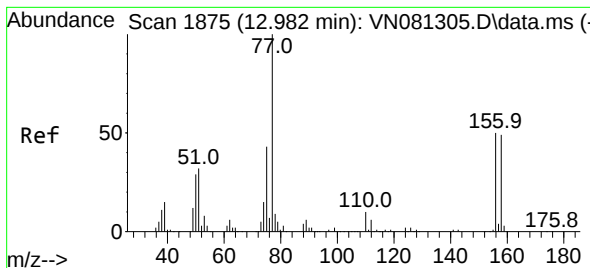
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#76
1,2,3-Trichloropropane
Concen: 19.347 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

Tgt Ion: 75 Resp: 101608
Ion Ratio Lower Upper
75 100
77 186.1 91.0 272.8





#77

Bromobenzene

Concen: 18.774 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

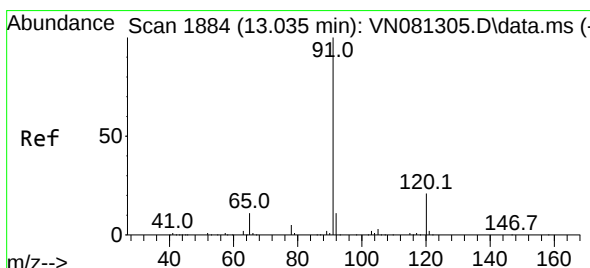
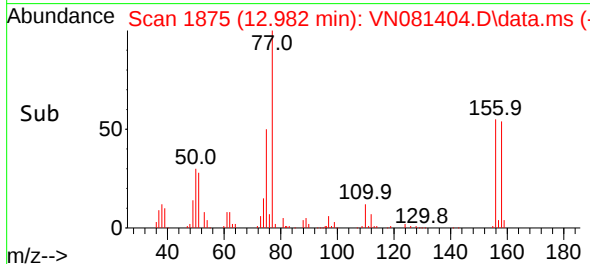
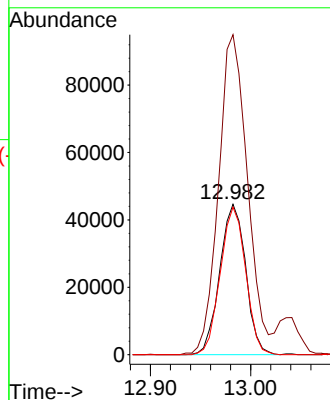
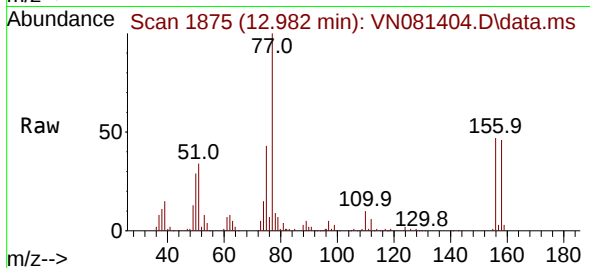
Tgt Ion:156 Resp: 79920
 Ion Ratio Lower Upper
 156 100
 77 236.7 138.1 414.3
 158 96.1 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#78

n-propylbenzene

Concen: 20.371 ug/l

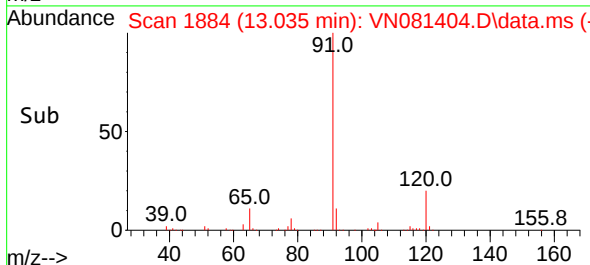
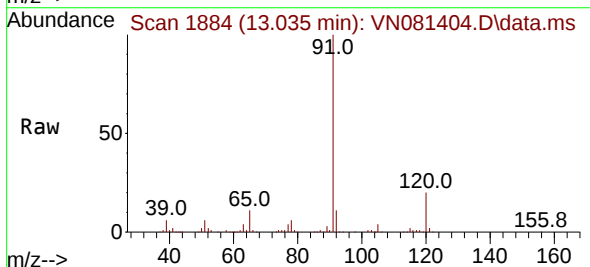
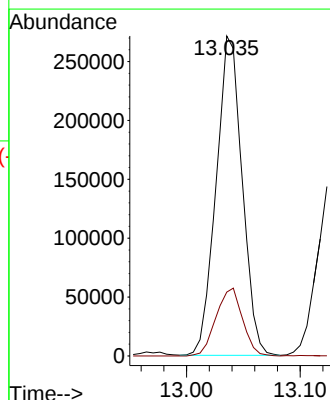
RT: 13.035 min Scan# 1884

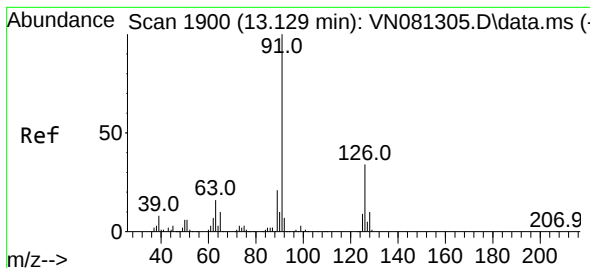
Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

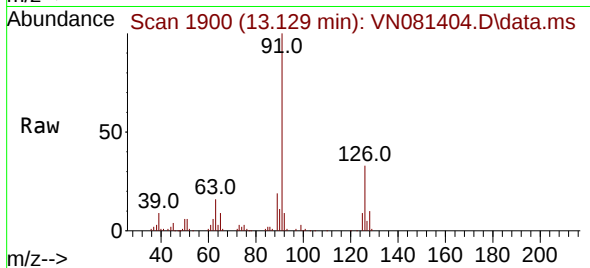
Tgt Ion: 91 Resp: 432606
 Ion Ratio Lower Upper
 91 100
 120 21.5 10.3 30.9





#79
2-Chlorotoluene
Concen: 19.670 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

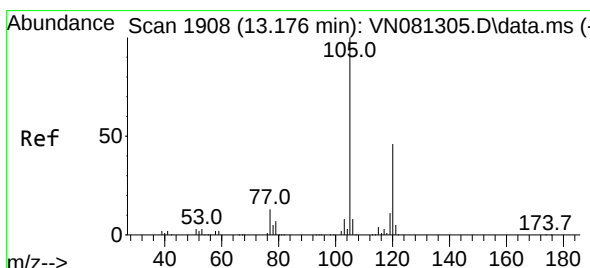
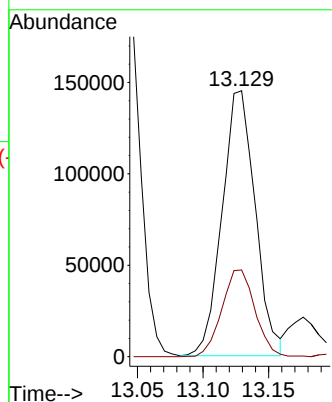
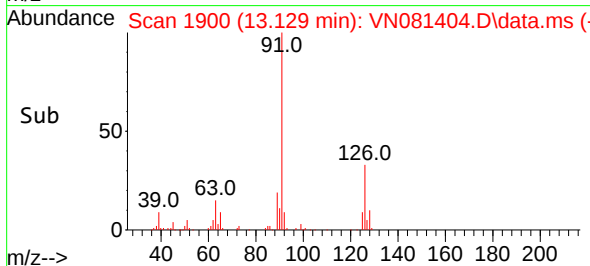
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



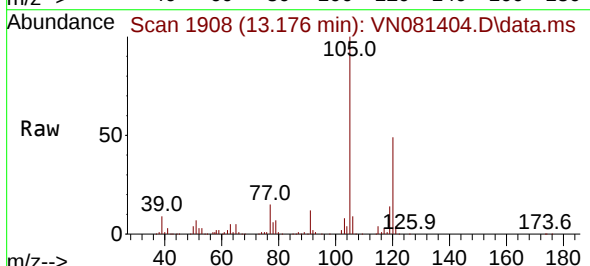
Tgt Ion: 91 Resp: 255329
Ion Ratio Lower Upper
91 100
126 32.7 14.8 44.4

Manual Integrations
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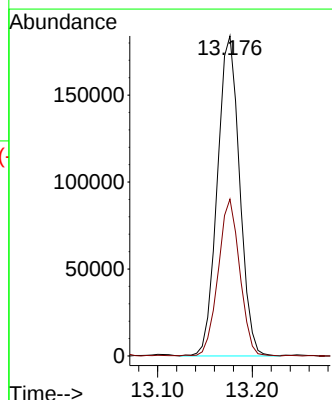
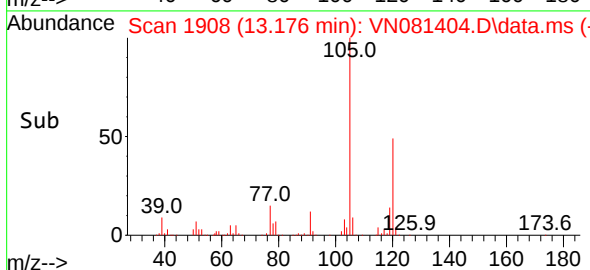
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

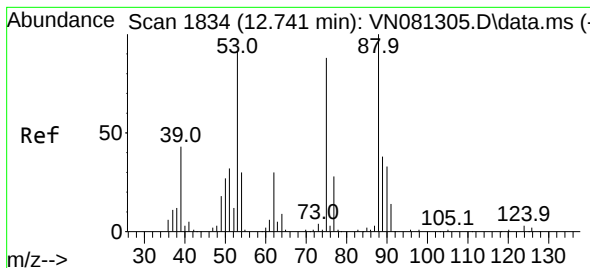


#80
1,3,5-Trimethylbenzene
Concen: 20.262 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



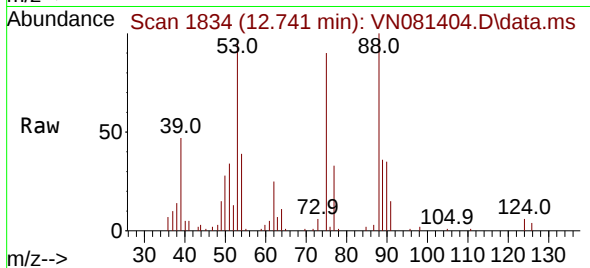
Tgt Ion:105 Resp: 300718
Ion Ratio Lower Upper
105 100
120 47.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 19.271 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

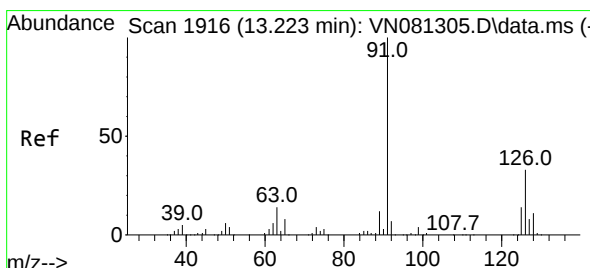
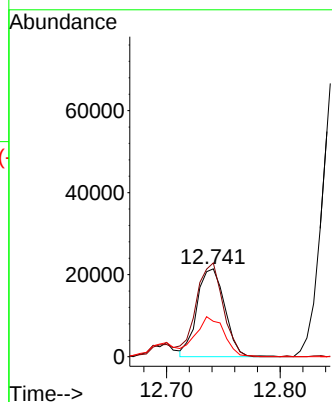
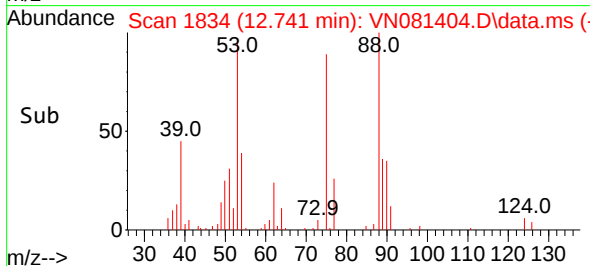
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



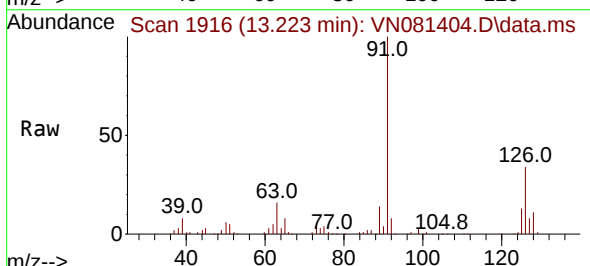
Tgt Ion: 75 Resp: 3626
Ion Ratio Lower Upper
75 100
53 105.7 71.4 107.2
89 46.9 33.4 50.0

Manual Integrations
APPROVED

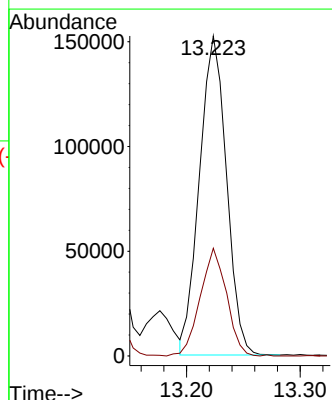
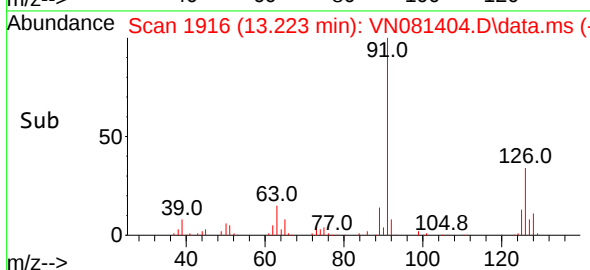
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

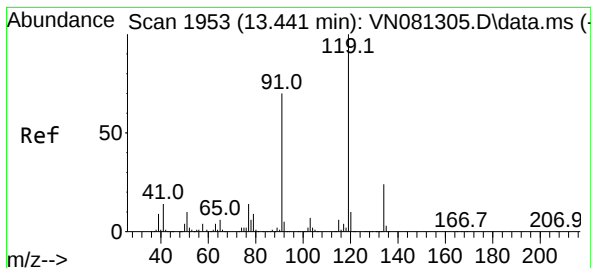


#82
4-Chlorotoluene
Concen: 19.631 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



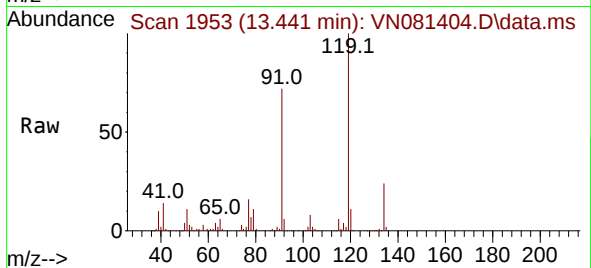
Tgt Ion: 91 Resp: 251699
Ion Ratio Lower Upper
91 100
126 32.8 15.3 45.9





#83
tert-Butylbenzene
Concen: 20.036 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

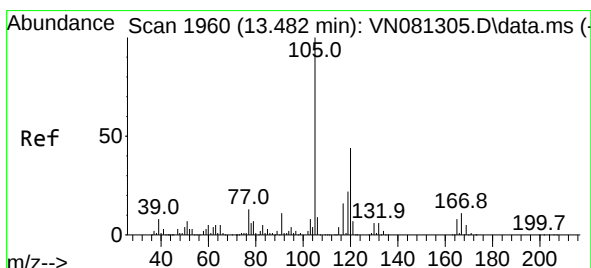
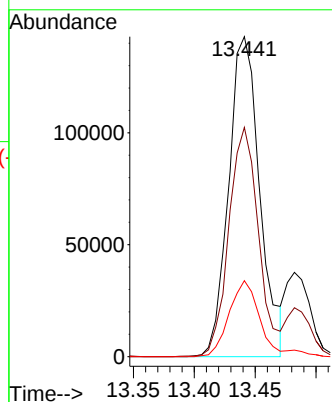
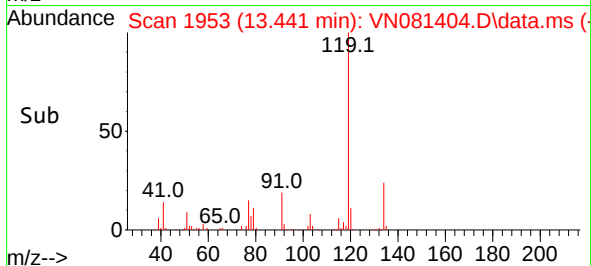
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



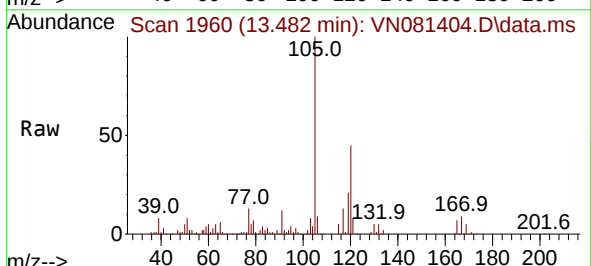
Tgt Ion:119 Resp: 254930
Ion Ratio Lower Upper
119 100
91 68.5 36.8 110.4
134 24.0 12.4 37.4

Manual Integrations
APPROVED

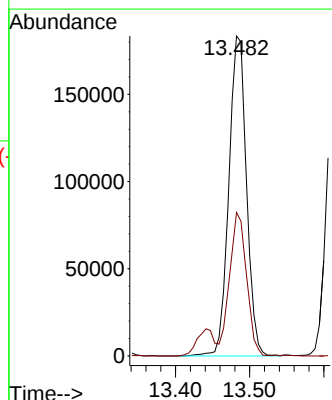
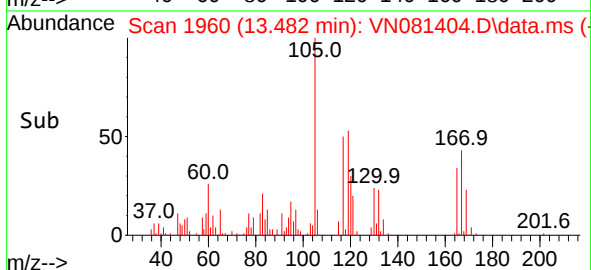
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

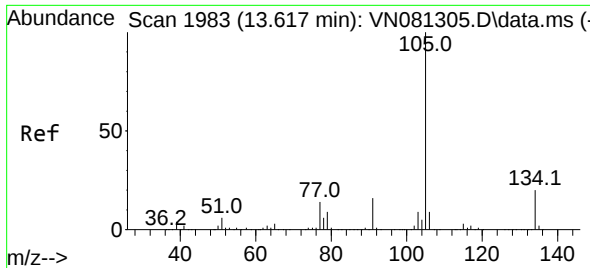


#84
1,2,4-Trimethylbenzene
Concen: 20.158 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



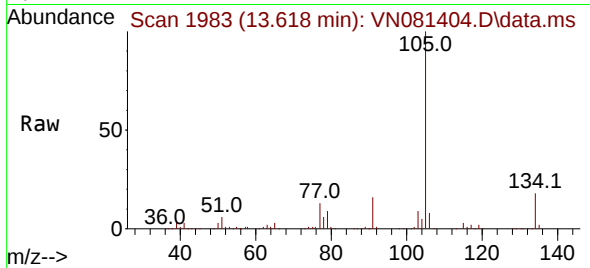
Tgt Ion:105 Resp: 303116
Ion Ratio Lower Upper
105 100
120 42.8 20.9 62.7





#85
 sec-Butylbenzene
 Concen: 20.113 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

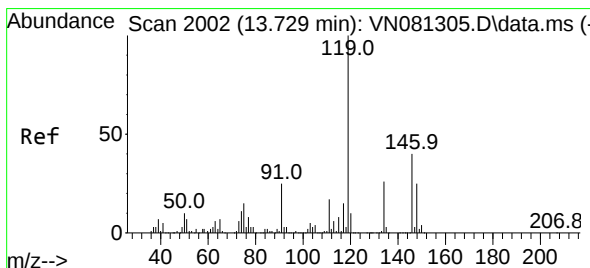
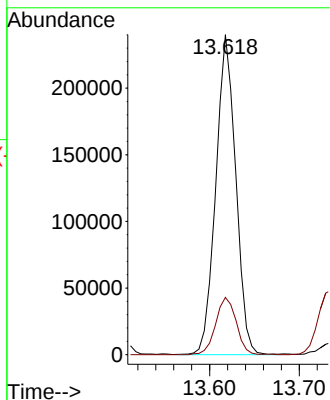
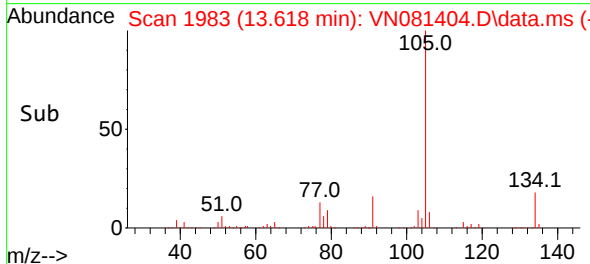
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



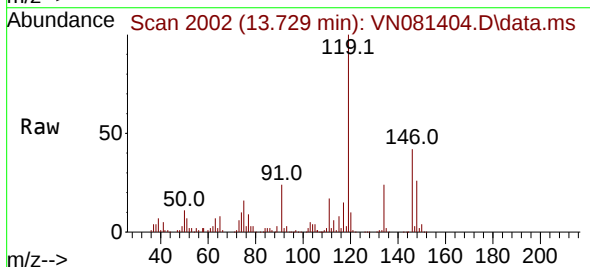
Tgt Ion:105 Resp: 37023
 Ion Ratio Lower Upper
 105 100
 134 18.5 8.6 25.8

Manual Integrations
 APPROVED

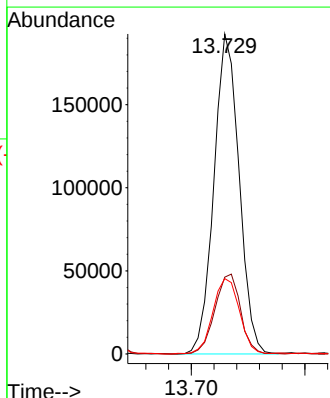
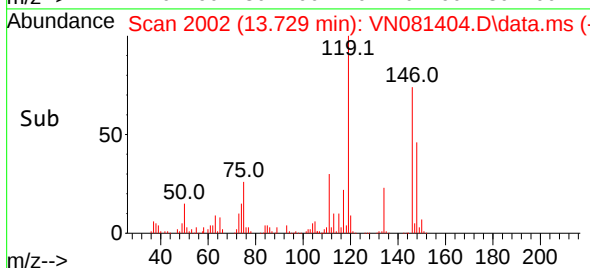
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

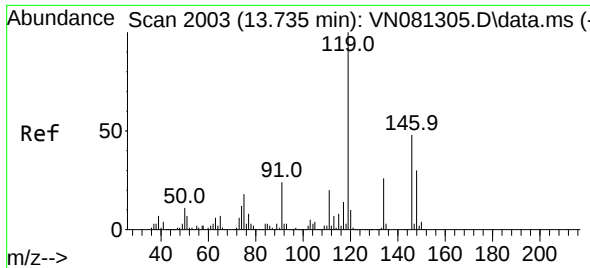


#86
 p-Isopropyltoluene
 Concen: 20.094 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44



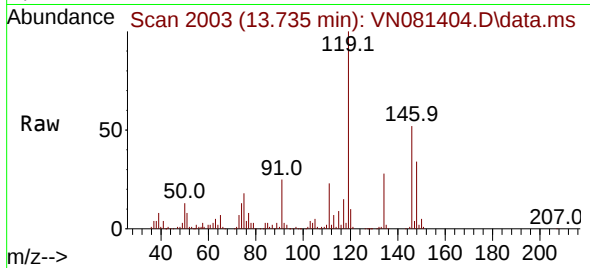
Tgt Ion:119 Resp: 296627
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.4 37.2
 91 24.9 13.5 40.4





#87
 1,3-Dichlorobenzene
 Concen: 18.626 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

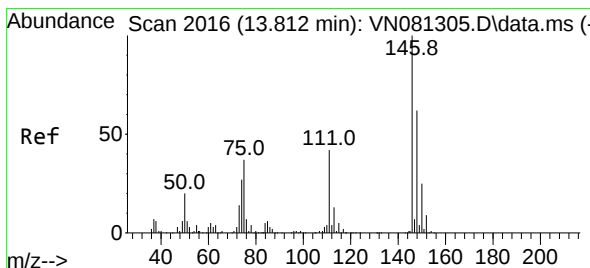
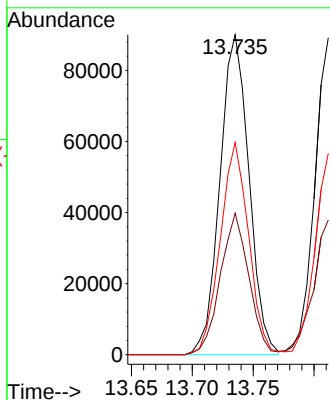
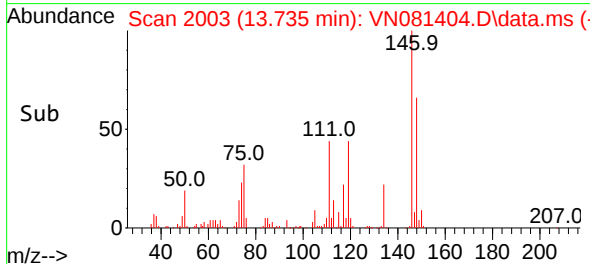
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



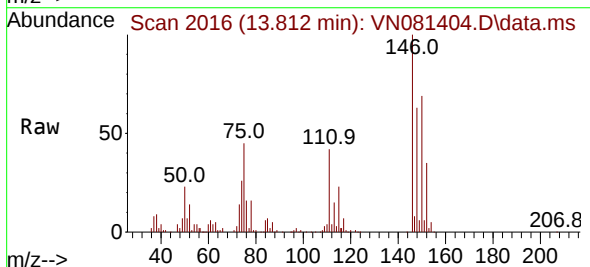
Tgt Ion:146 Resp: 14971
 Ion Ratio Lower Upper
 146 100
 111 43.4 23.9 71.7
 148 64.9 32.6 97.7

Manual Integrations
 APPROVED

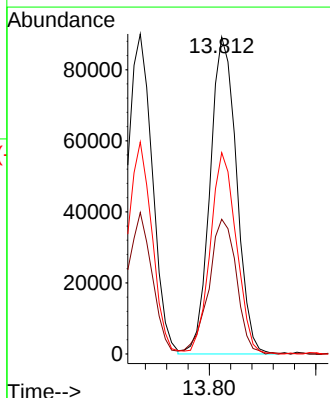
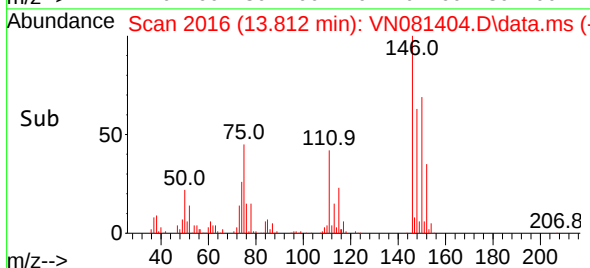
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

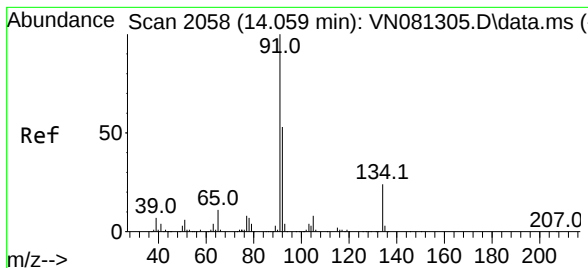


#88
 1,4-Dichlorobenzene
 Concen: 19.141 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44



Tgt Ion:146 Resp: 153788
 Ion Ratio Lower Upper
 146 100
 111 44.6 22.6 67.7
 148 62.6 31.9 95.5





#89

n-Butylbenzene

Concen: 18.915 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Instrument :

MSVOA_N

ClientSampleId :

VN0314WBS01

Tgt Ion: 91 Resp: 256072

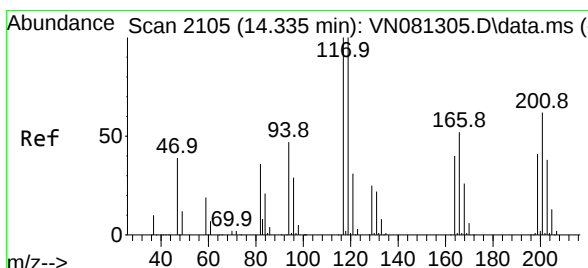
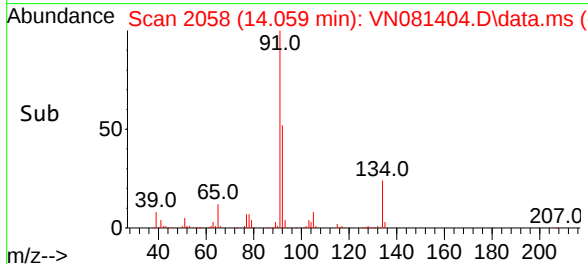
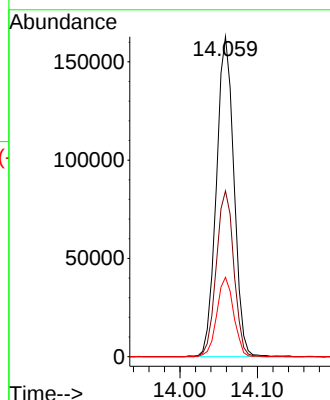
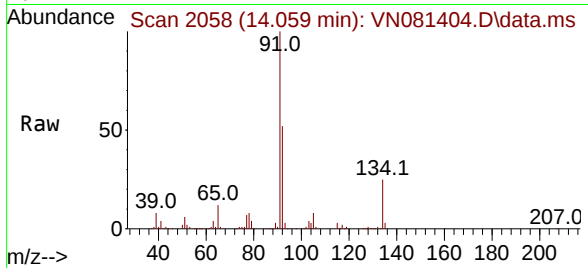
Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.7	80.1
134	23.8	10.8	32.4

Manual Integrations

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Reviewed By :John Carlone 03/15/2024

Supervised By :Mahesh Dadoda 03/15/2024



#90

Hexachloroethane

Concen: 20.068 ug/l

RT: 14.335 min Scan# 2105

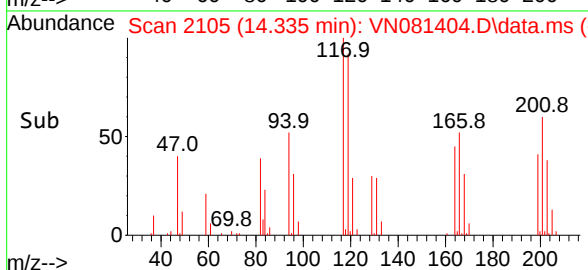
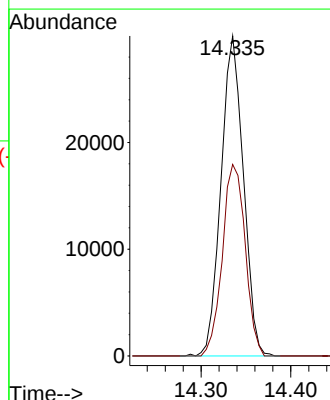
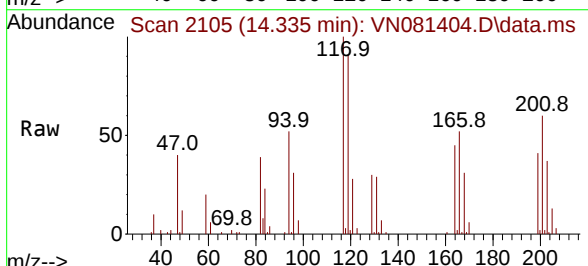
Delta R.T. 0.000 min

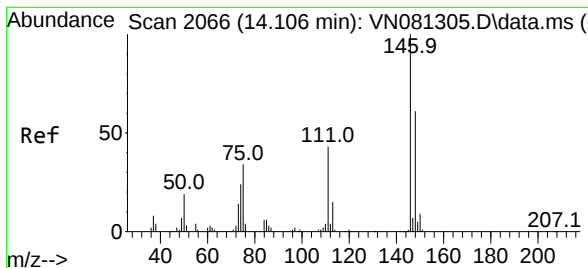
Lab File: VN081404.D

Acq: 14 Mar 2024 12:44

Tgt Ion:117 Resp: 51867

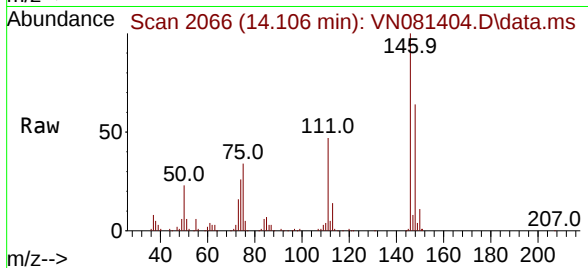
Ion	Ratio	Lower	Upper
117	100		
201	61.1	30.0	90.0





#91
1,2-Dichlorobenzene
Concen: 18.954 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

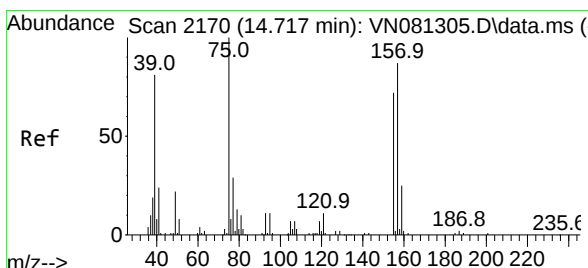
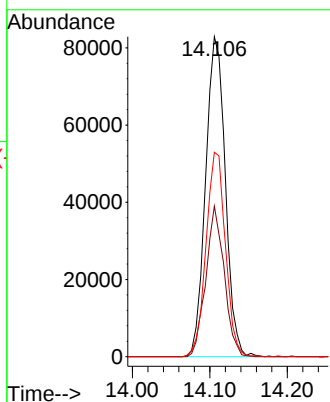
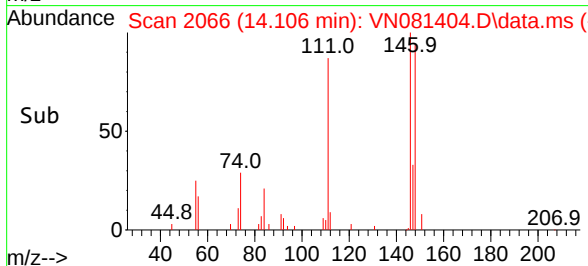
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



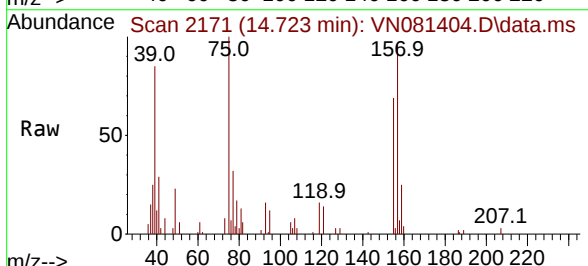
Tgt Ion:146 Resp: 146178
Ion Ratio Lower Upper
146 100
111 43.9 23.9 71.8
148 63.1 31.4 94.0

Manual Integrations
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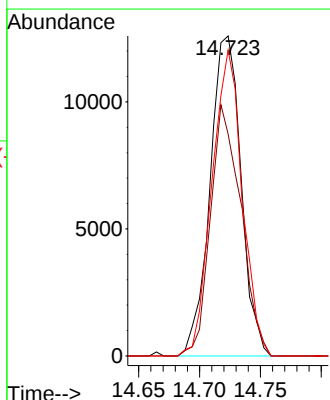
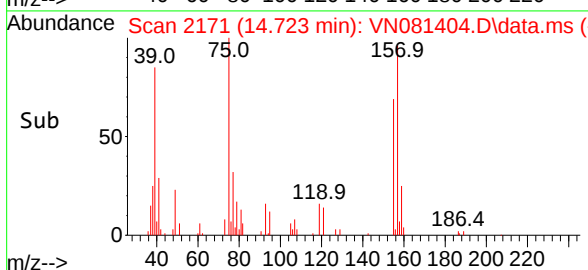
Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024

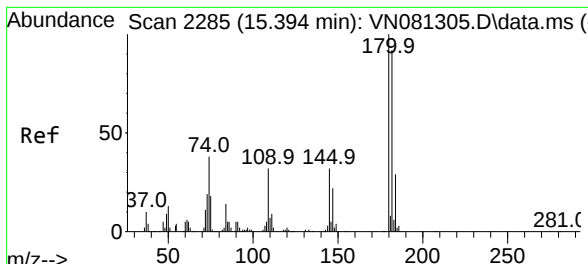


#92
1,2-Dibromo-3-Chloropropane
Concen: 18.828 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.006 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



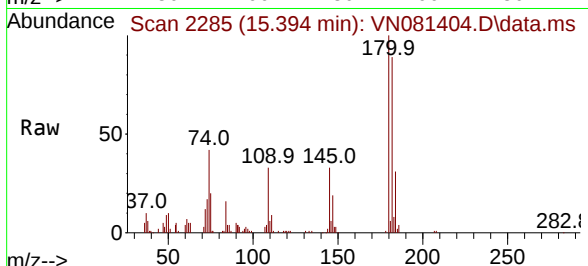
Tgt Ion: 75 Resp: 22325
Ion Ratio Lower Upper
75 100
155 76.9 31.8 95.4
157 93.2 41.1 123.4





#93
 1,2,4-Trichlorobenzene
 Concen: 18.667 ug/l
 RT: 15.394 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44

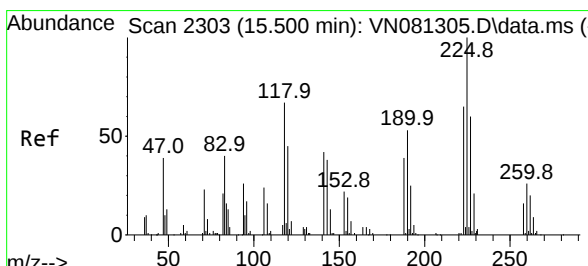
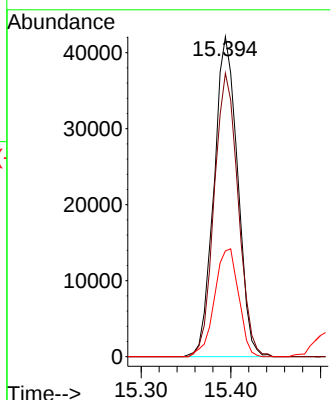
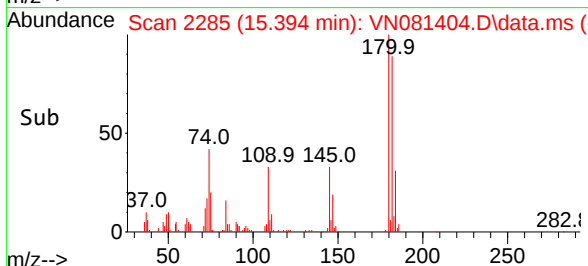
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0314WBS01



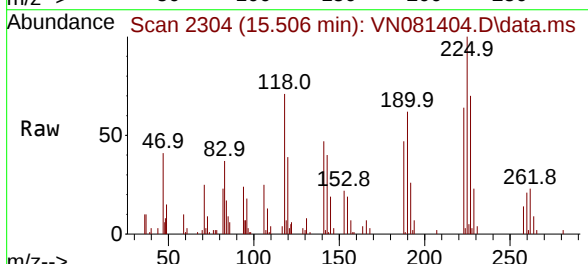
Tgt Ion:	180	Resp:	7695
Ion Ratio	Lower	Upper	
180	100		
182	89.6	46.6	139.7
145	34.4	16.8	50.3

Manual Integrations
 APPROVED

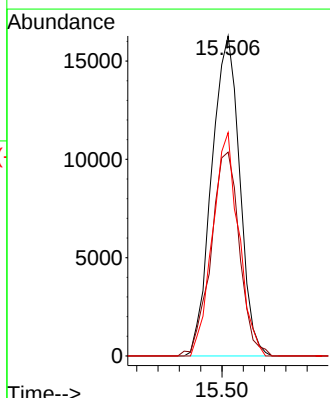
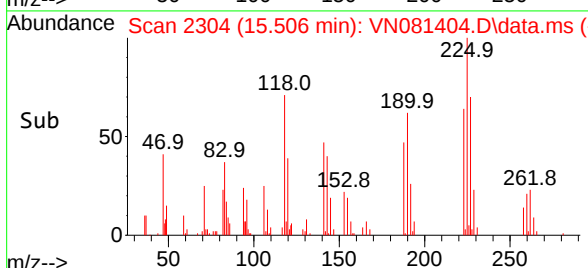
Reviewed By :John Carlone 03/15/2024
 Supervised By :Mahesh Dadoda 03/15/2024

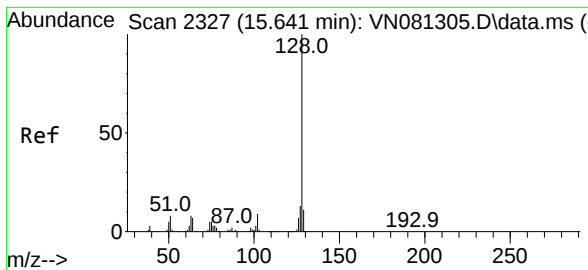


#94
 Hexachlorobutadiene
 Concen: 17.404 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. 0.006 min
 Lab File: VN081404.D
 Acq: 14 Mar 2024 12:44



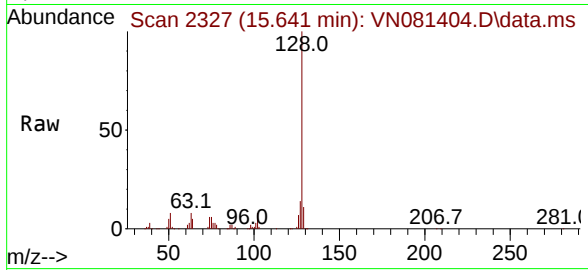
Tgt Ion:	225	Resp:	29645
Ion Ratio	Lower	Upper	
225	100		
223	64.8	33.3	99.8
227	65.2	33.1	99.2





#95
Naphthalene
Concen: 18.408 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44

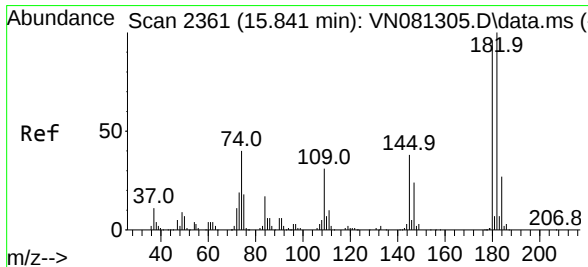
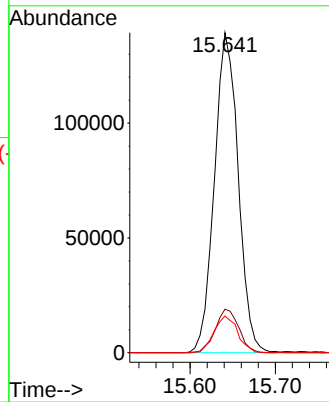
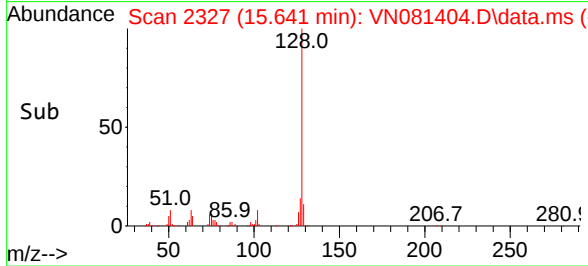
Instrument :
MSVOA_N
ClientSampleId :
VN0314WBS01



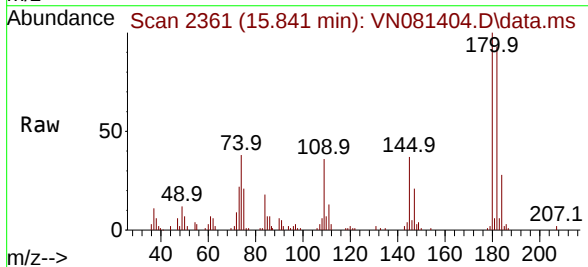
Tgt Ion:128 Resp: 270020
Ion Ratio Lower Upper
128 100
127 13.4 10.0 15.0
129 11.4 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 03/15/2024
Supervised By :Mahesh Dadoda 03/15/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.637 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081404.D
Acq: 14 Mar 2024 12:44



Tgt Ion:180 Resp: 77913
Ion Ratio Lower Upper
180 100
182 93.9 46.5 139.3
145 35.8 17.8 53.4

