

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081480.D
 Acq On : 19 Mar 2024 18:56
 Operator : JC\MD
 Sample : VN0319MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2024
 Supervised By : Mahesh Dadoda 03/20/2024

Quant Time: Mar 20 01:22:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	400229	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	708402	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	637509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	288199	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	267272	52.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.740%			
35) Dibromofluoromethane	8.165	113	229296	51.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	10.571	98	822170	50.873	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.847	95	284386	49.940	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 99.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	97934	18.173	ug/l	96
3) Chloromethane	2.359	50	98486	18.355	ug/l	99
4) Vinyl Chloride	2.518	62	112807	18.734	ug/l	96
5) Bromomethane	2.959	94	73837	17.338	ug/l	96
6) Chloroethane	3.124	64	76342	18.465	ug/l	98
7) Trichlorofluoromethane	3.500	101	175227	19.525	ug/l	95
8) Diethyl Ether	3.965	74	58370	19.653	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.371	101	93951	18.424	ug/l #	87
10) Methyl Iodide	4.589	142	101562	20.000	ug/l	91
11) Tert butyl alcohol	5.518	59	83988	94.426	ug/l	98
12) 1,1-Dichloroethene	4.342	96	89408	18.929	ug/l	89
13) Acrolein	4.177	56	75024	93.999	ug/l	95
14) Allyl chloride	5.024	41	106641	18.018	ug/l #	82
15) Acrylonitrile	5.712	53	219843	92.389	ug/l	98
16) Acetone	4.430	43	165774	100.501	ug/l	96
17) Carbon Disulfide	4.712	76	242572	17.896	ug/l	97
18) Methyl Acetate	5.024	43	102262	20.109	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	286451	19.378	ug/l	91
20) Methylene Chloride	5.271	84	105097	19.451	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	96848	18.390	ug/l	87
22) Diisopropyl ether	6.671	45	274523	19.962	ug/l #	87
23) Vinyl Acetate	6.606	43	1060791	96.908	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	178323	19.360	ug/l #	94
25) 2-Butanone	7.483	43	268862	95.031	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	145652	18.232	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	114272	19.177	ug/l	85
28) Bromochloromethane	7.812	49	67269	17.930	ug/l #	52
29) Tetrahydrofuran	7.835	42	178217	93.506	ug/l #	78
30) Chloroform	7.965	83	192255	19.497	ug/l	98
31) Cyclohexane	8.259	56	148154	17.838	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	171472	19.167	ug/l	92
36) 1,1-Dichloropropene	8.371	75	138590	18.420	ug/l	96
37) Ethyl Acetate	7.559	43	120518	18.707	ug/l	98
38) Carbon Tetrachloride	8.359	117	151109	18.334	ug/l	99
39) Methylcyclohexane	9.606	83	157068	18.694	ug/l	84
40) Benzene	8.606	78	412933	18.773	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	59885	17.577	ug/l #	88
42) 1,2-Dichloroethane	8.671	62	141523	18.282	ug/l	95
43) Isopropyl Acetate	8.688	43	257896m	24.149	ug/l	
44) Trichloroethene	9.353	130	112754	18.226	ug/l	92
45) 1,2-Dichloropropane	9.624	63	103433	19.403	ug/l	99
46) Dibromomethane	9.712	93	74772	18.470	ug/l #	88
47) Bromodichloromethane	9.888	83	150057	18.958	ug/l #	97
48) Methyl methacrylate	9.682	41	92403	18.759	ug/l #	85
49) 1,4-Dioxane	9.694	88	42252	356.943	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	595654	91.408	ug/l	94
52) Toluene	10.635	92	259063	18.530	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	154707	18.101	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	160582	17.524	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	105664	18.780	ug/l	92
56) Ethyl methacrylate	10.876	69	144699	18.808	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	173929	18.857	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	375669	106.113	ug/l #	83
59) 2-Hexanone	11.194	43	438706	91.059	ug/l	92
60) Dibromochloromethane	11.365	129	112364	18.159	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107207	18.690	ug/l	96
64) Tetrachloroethene	11.106	164	115950	19.028	ug/l	94
65) Chlorobenzene	11.894	112	276416	18.341	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	105997	18.977	ug/l	97
67) Ethyl Benzene	11.965	91	489644	18.704	ug/l	98
68) m/p-Xylenes	12.071	106	376591	38.373	ug/l	94
69) o-Xylene	12.400	106	180820	18.768	ug/l	93
70) Styrene	12.412	104	295453	19.014	ug/l	95
71) Bromoform	12.576	173	75447	17.975	ug/l #	94
73) Isopropylbenzene	12.700	105	471748	19.203	ug/l	99
74) N-amyl acetate	12.494	43	174549	19.634	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.935	83	131935	18.266	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125531m	18.209	ug/l	
77) Bromobenzene	12.982	156	110902	18.275	ug/l	70
78) n-propylbenzene	13.035	91	553950	19.094	ug/l	96
79) 2-Chlorotoluene	13.129	91	331393	19.085	ug/l	91
80) 1,3,5-Trimethylbenzene	13.176	105	398753	19.652	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	46147	18.089	ug/l	93
82) 4-Chlorotoluene	13.223	91	333226	19.465	ug/l	92
83) tert-Butylbenzene	13.441	119	335420	19.170	ug/l	93
84) 1,2,4-Trimethylbenzene	13.482	105	401916	19.708	ug/l	92
85) sec-Butylbenzene	13.617	105	482126	19.275	ug/l	94
86) p-Isopropyltoluene	13.729	119	392823	19.212	ug/l	94
87) 1,3-Dichlorobenzene	13.735	146	207804	18.637	ug/l	95
88) 1,4-Dichlorobenzene	13.812	146	209070	18.109	ug/l	98
89) n-Butylbenzene	14.059	91	332845	18.358	ug/l	96
90) Hexachloroethane	14.335	117	72684	18.770	ug/l	92
91) 1,2-Dichlorobenzene	14.106	146	201534	18.780	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27742	18.048	ug/l	68
93) 1,2,4-Trichlorobenzene	15.394	180	106482	17.160	ug/l	98
94) Hexachlorobutadiene	15.506	225	45487	16.707	ug/l	97
95) Naphthalene	15.641	128	360649	17.937	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110118	17.643	ug/l	95

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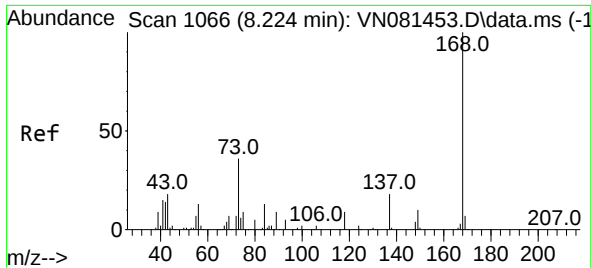
Manual Integrations
APPROVED

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Quant Title : SW846 8260
QLast Update : Tue Mar 19 06:00:00 2024
Response via : Initial Calibration

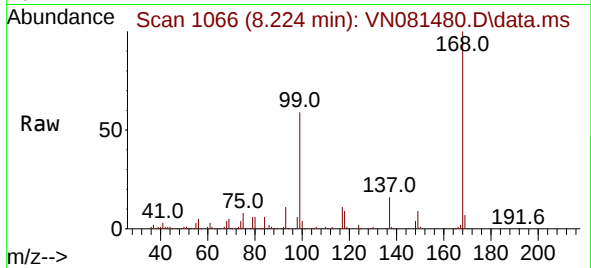
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
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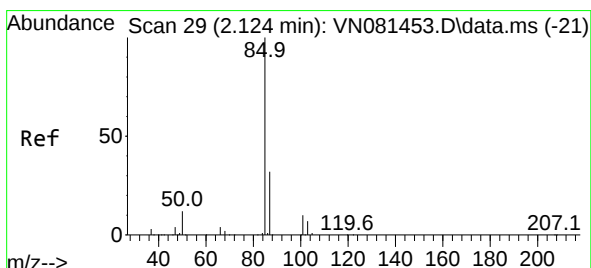
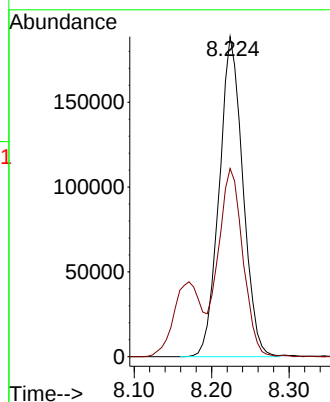
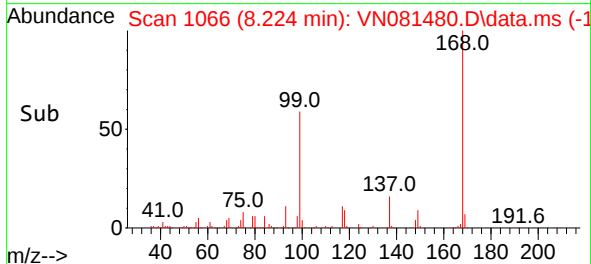
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion:168 Resp: 400229
Ion Ratio Lower Upper
168 100
99 58.5 59.9 89.9

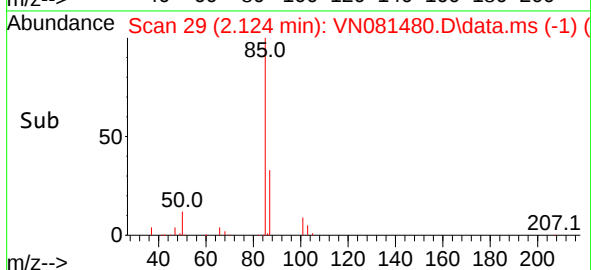
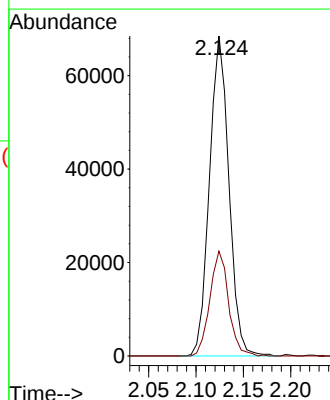
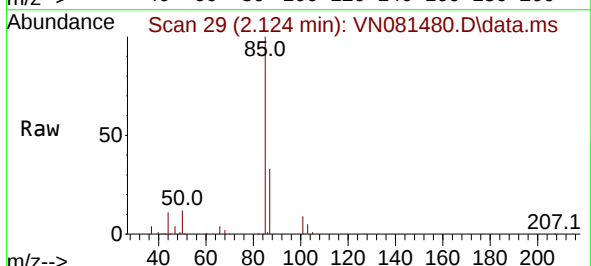
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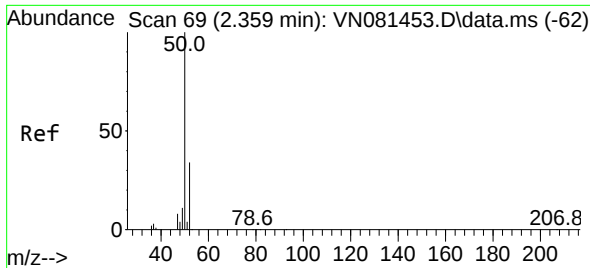
Reviewed By :John Carlone 03/20/2024
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#2
Dichlorodifluoromethane
Concen: 18.173 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 85 Resp: 97934
Ion Ratio Lower Upper
85 100
87 32.7 15.3 45.9





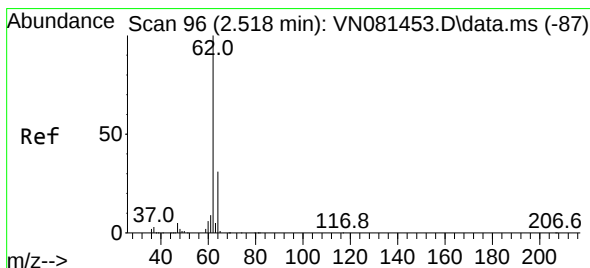
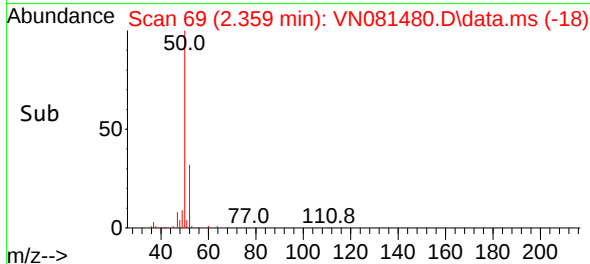
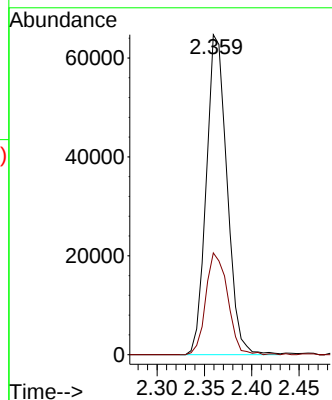
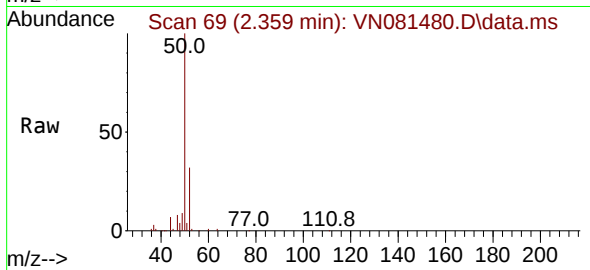
#3
Chloromethane
Concen: 18.355 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

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Tgt Ion: 50 Resp: 98480
Ion Ratio Lower Upper
50 100
52 31.8 25.0 37.4

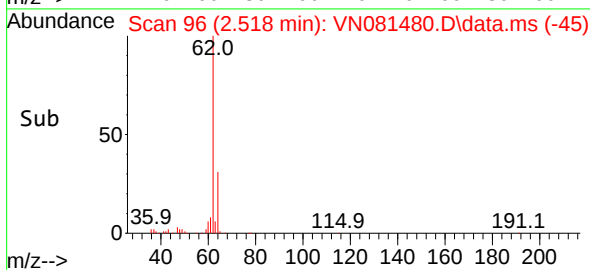
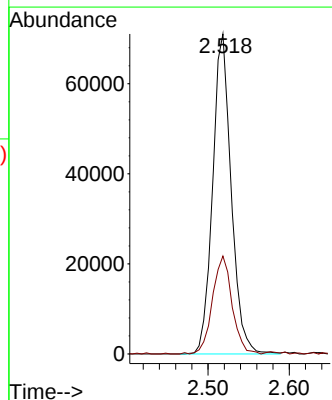
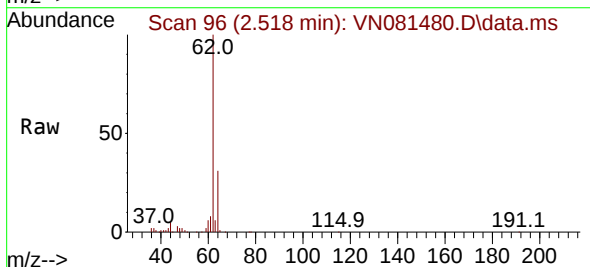
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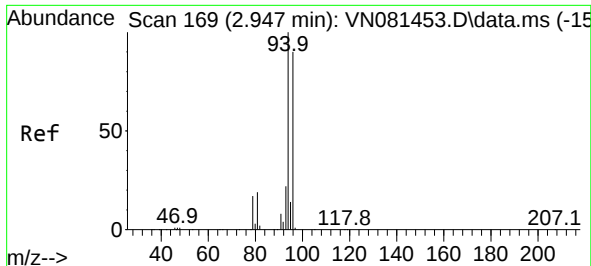
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#4
Vinyl Chloride
Concen: 18.734 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 62 Resp: 112807
Ion Ratio Lower Upper
62 100
64 30.6 22.7 34.1





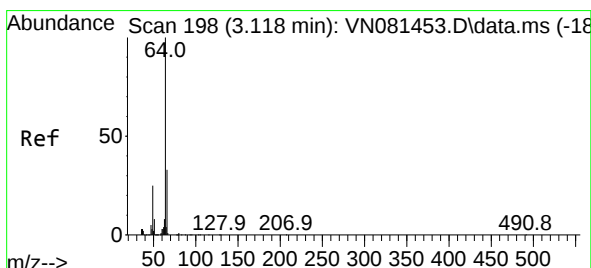
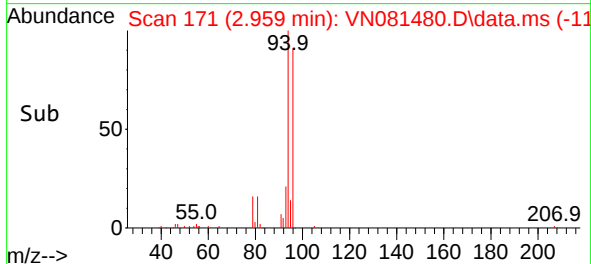
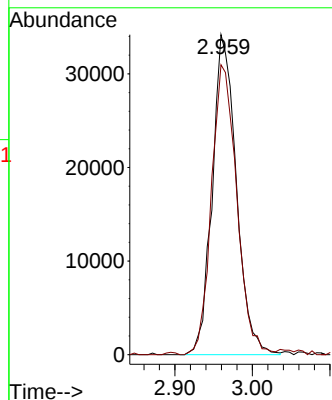
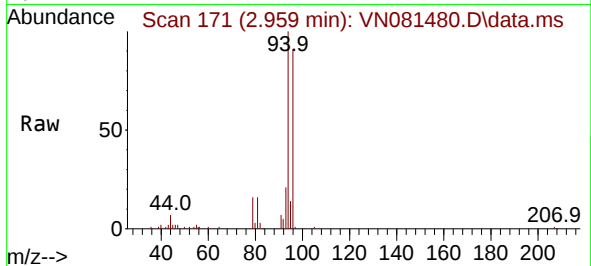
#5
Bromomethane
Concen: 17.338 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081480.D
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Instrument :
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Tgt Ion: 94 Resp: 7383
Ion Ratio Lower Upper
94 100
96 90.6 69.2 103.8

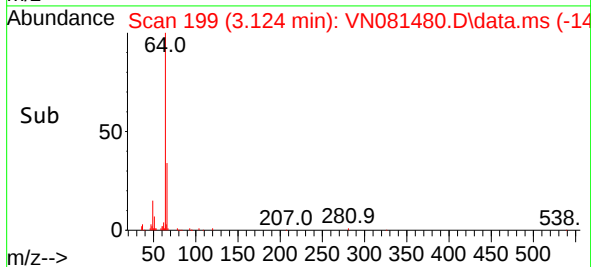
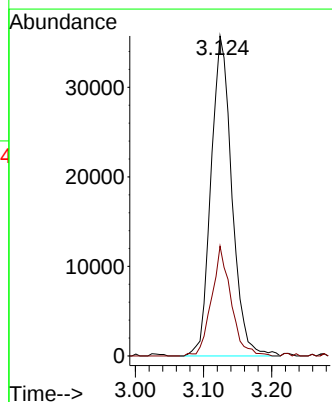
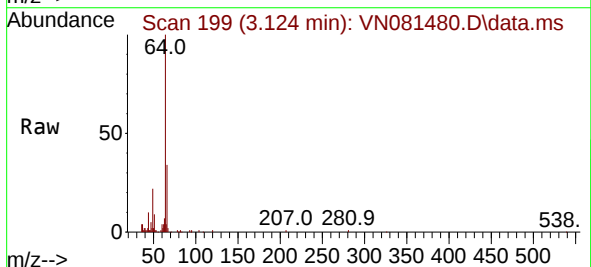
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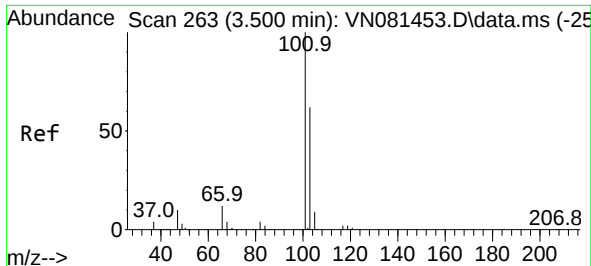
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#6
Chloroethane
Concen: 18.465 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN081480.D
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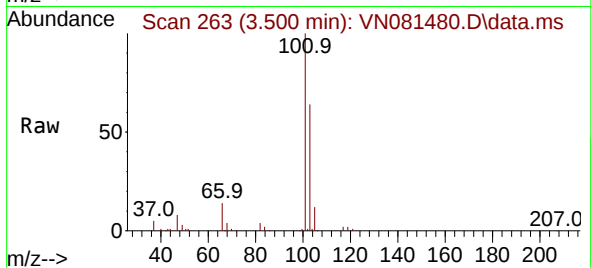
Tgt Ion: 64 Resp: 76342
Ion Ratio Lower Upper
64 100
66 34.3 26.4 39.6





#7
Trichlorofluoromethane
Concen: 19.525 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.000 min
Lab File: VN081480.D
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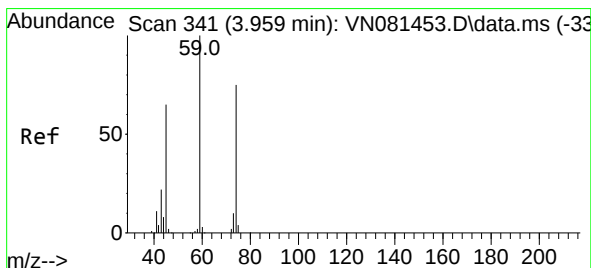
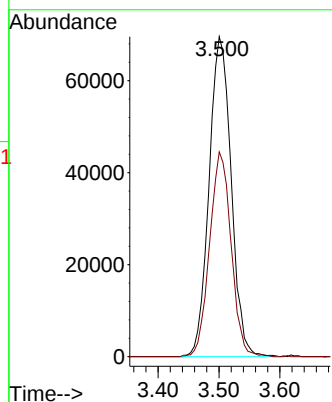
Instrument :
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ClientSampleId :
VN0319MBS01



Tgt Ion:101 Resp: 17522
Ion Ratio Lower Upper
101 100
103 64.0 54.4 81.6

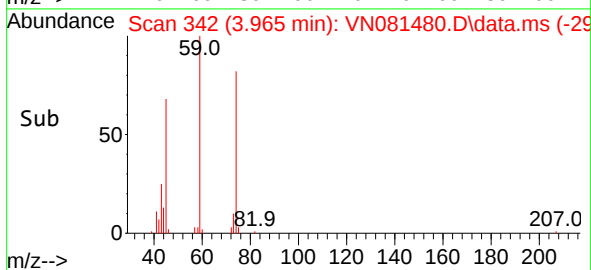
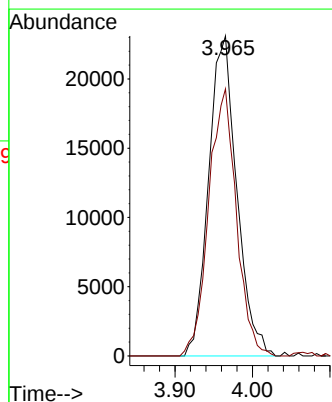
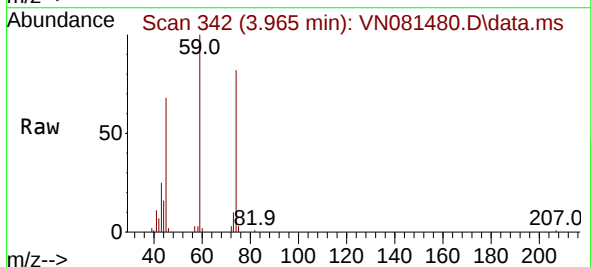
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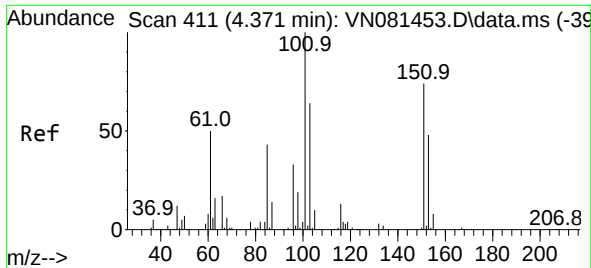
Reviewed By :John Carlone 03/20/2024
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#8
Diethyl Ether
Concen: 19.653 ug/l
RT: 3.965 min Scan# 342
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 74 Resp: 58370
Ion Ratio Lower Upper
74 100
45 81.9 53.3 159.9





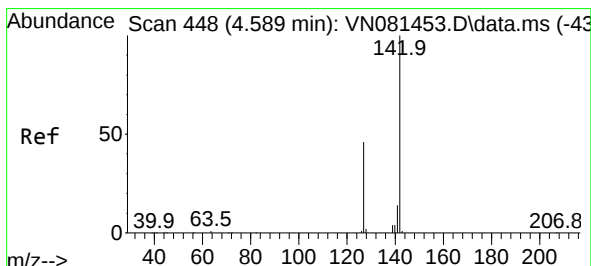
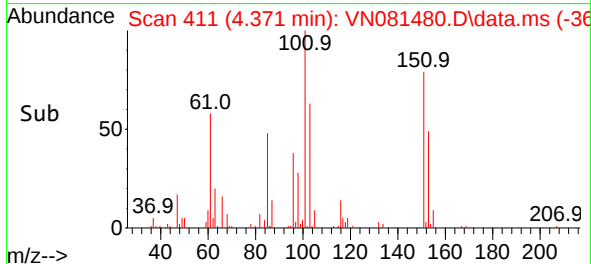
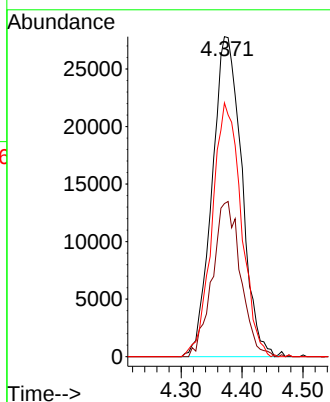
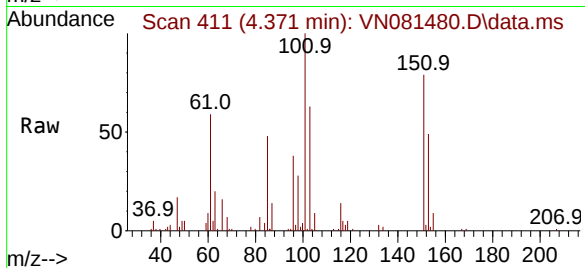
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.424 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion:101 Resp: 9395
Ion Ratio Lower Upper
101 100
85 46.3 38.1 57.1
151 77.9 49.1 73.7

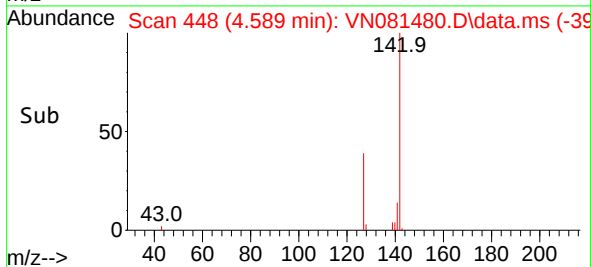
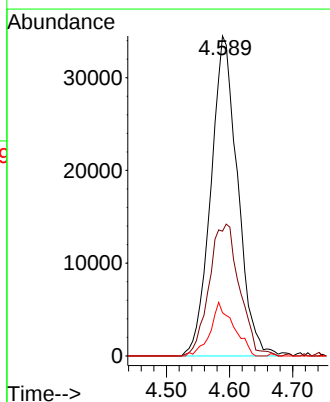
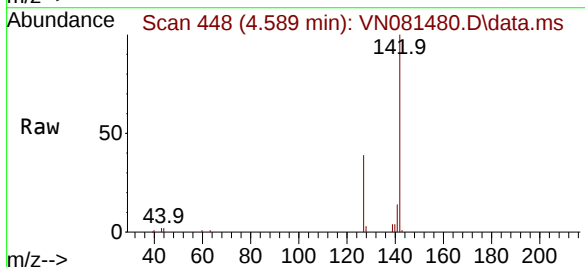
Manual Integrations
APPROVED

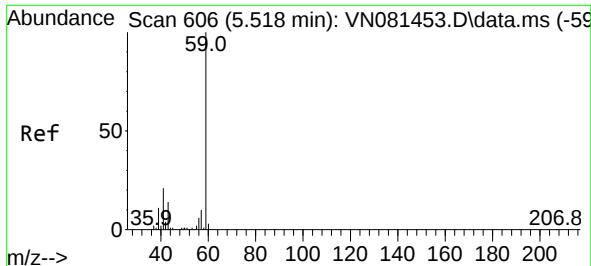
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#10
Methyl Iodide
Concen: 20.000 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

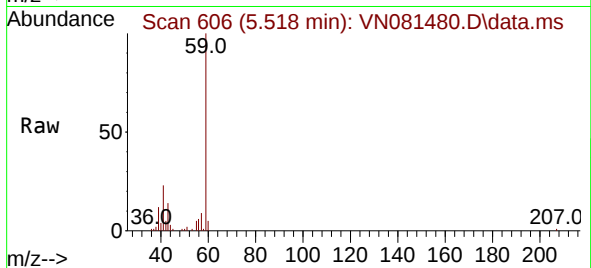
Tgt Ion:142 Resp: 101562
Ion Ratio Lower Upper
142 100
127 39.0 37.0 55.4
141 13.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 94.426 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

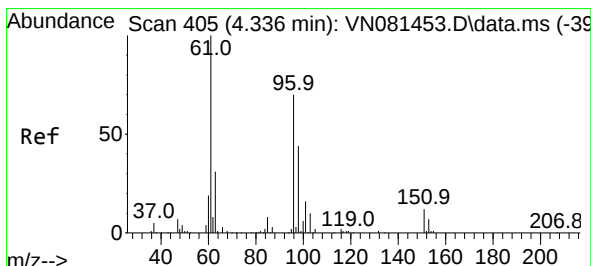
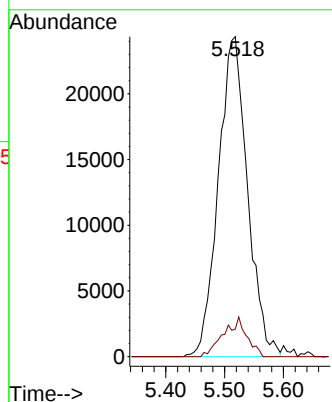
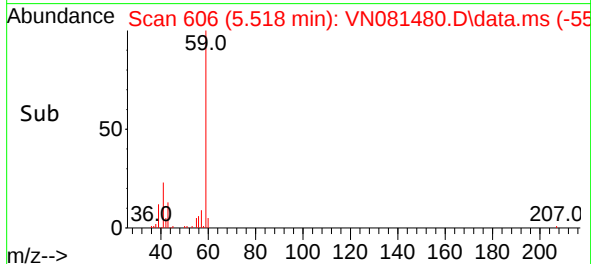
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



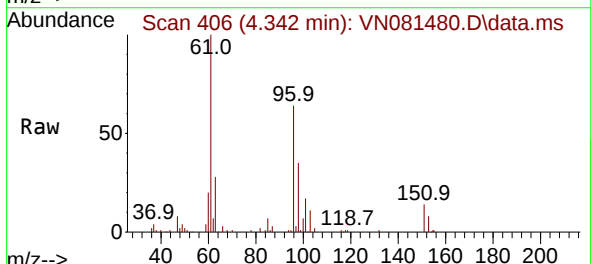
Tgt Ion: 59 Resp: 8398
Ion Ratio Lower Upper
59 100
57 9.9 8.6 12.8

Manual Integrations
APPROVED

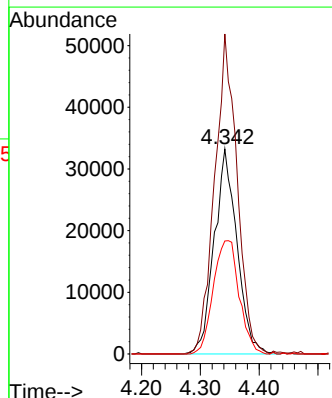
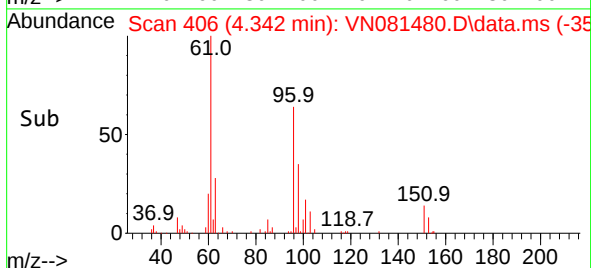
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

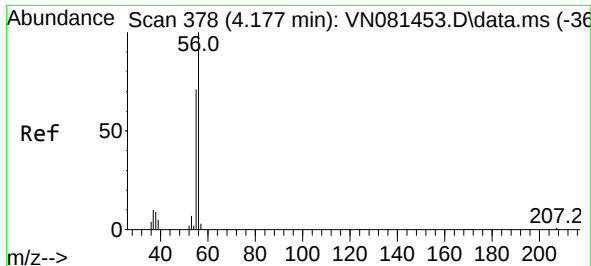


#12
1,1-Dichloroethene
Concen: 18.929 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



Tgt Ion: 96 Resp: 89408
Ion Ratio Lower Upper
96 100
61 156.1 138.2 207.4
98 55.1 49.2 73.8





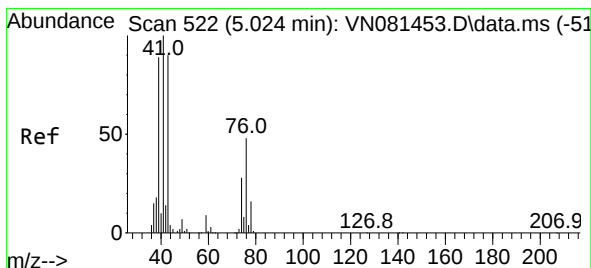
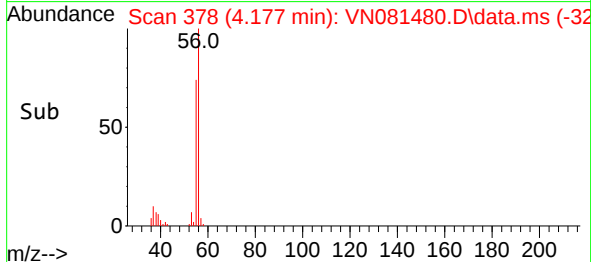
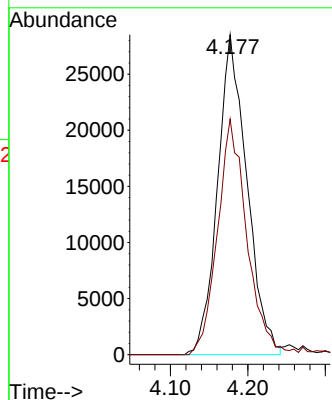
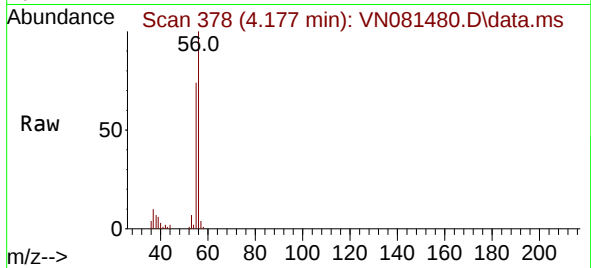
#13
Acrolein
Concen: 93.999 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 56 Resp: 75024
Ion Ratio Lower Upper
56 100
55 73.3 55.3 82.9

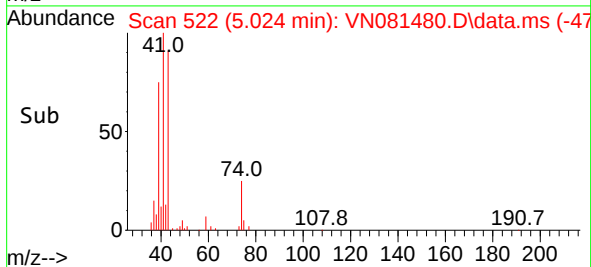
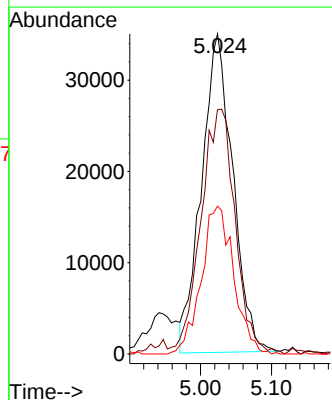
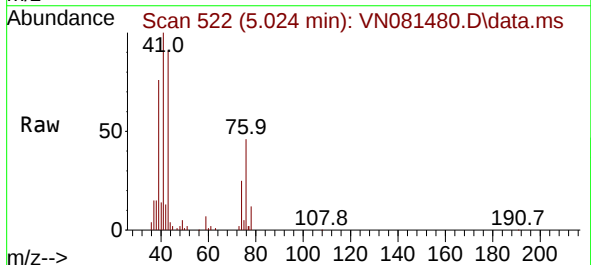
Manual Integrations
APPROVED

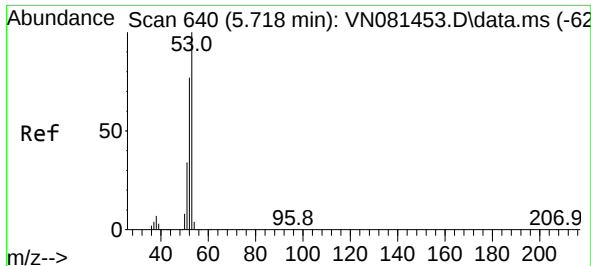
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#14
Allyl chloride
Concen: 18.018 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

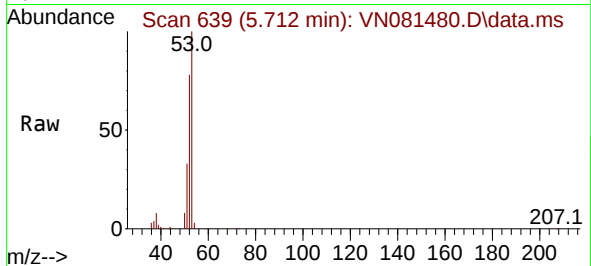
Tgt Ion: 41 Resp: 106641
Ion Ratio Lower Upper
41 100
39 84.3 57.7 86.5
76 48.2 26.8 40.2#





#15
Acrylonitrile
Concen: 92.389 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

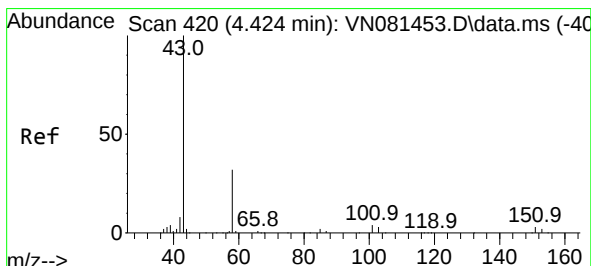
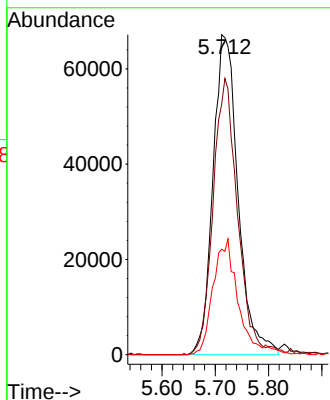
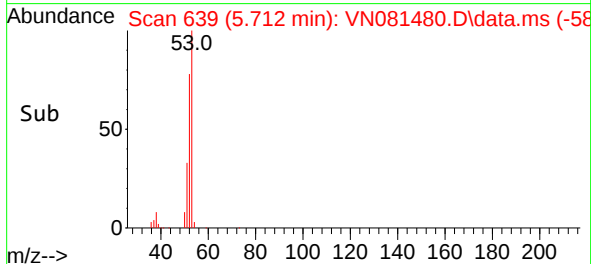
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 53 Resp: 21984
Ion Ratio Lower Upper
53 100
52 83.1 64.8 97.2
51 34.8 26.9 40.3

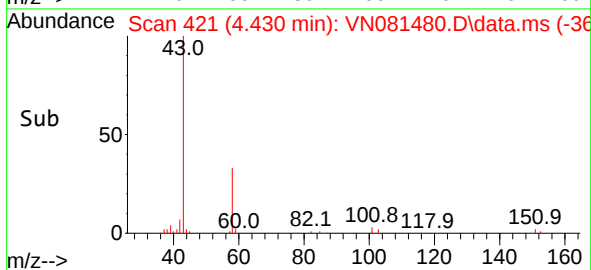
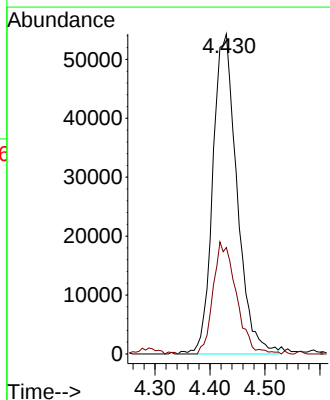
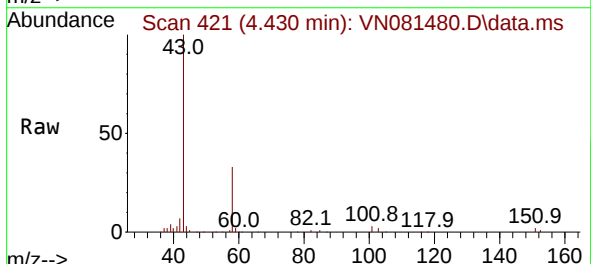
Manual Integrations
APPROVED

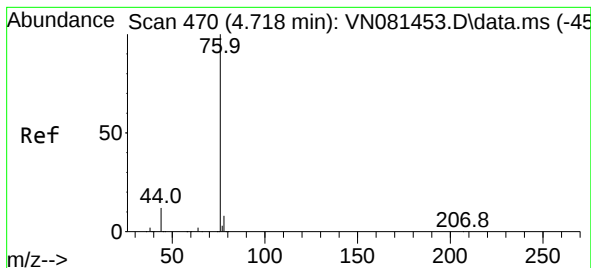
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#16
Acetone
Concen: 100.501 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 43 Resp: 165774
Ion Ratio Lower Upper
43 100
58 33.3 24.8 37.2





#17

Carbon Disulfide

Concen: 17.896 ug/l

RT: 4.712 min Scan# 4

Delta R.T. -0.006 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

Tgt Ion: 76 Resp: 242572

Ion Ratio Lower Upper

76 100

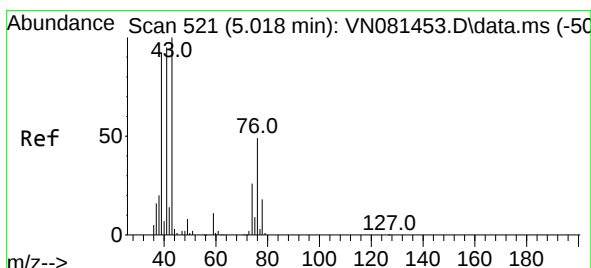
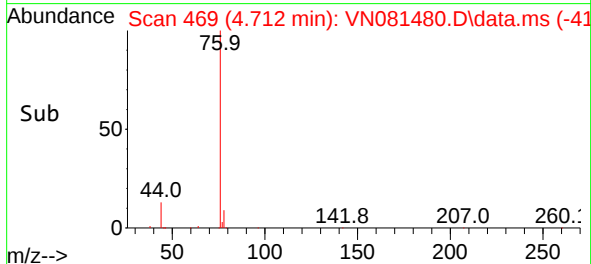
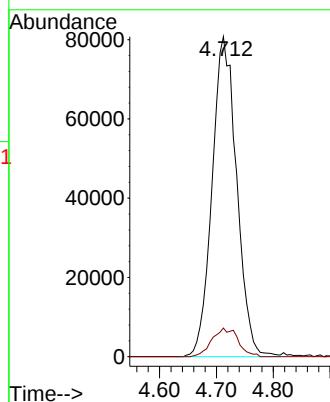
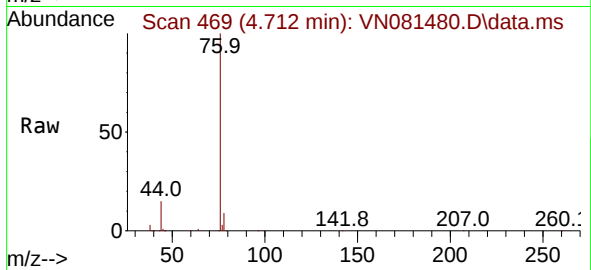
78 8.9 6.3 9.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#18

Methyl Acetate

Concen: 20.109 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN081480.D

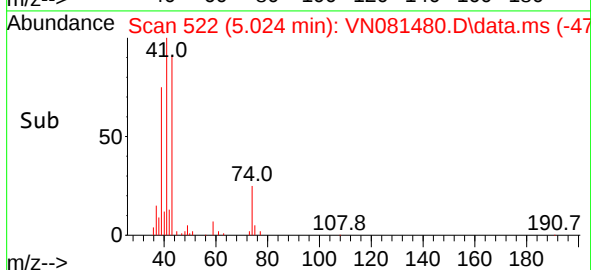
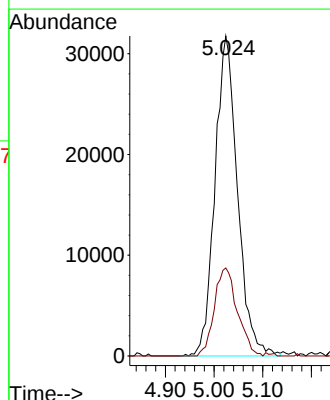
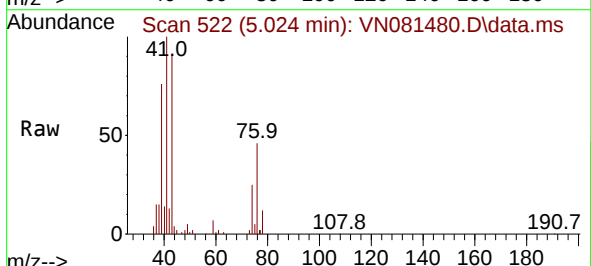
Acq: 19 Mar 2024 18:56

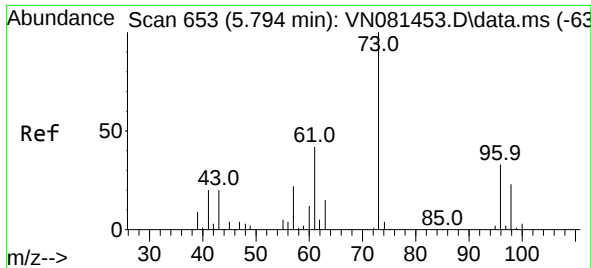
Tgt Ion: 43 Resp: 102262

Ion Ratio Lower Upper

43 100

74 28.0 17.3 25.9#





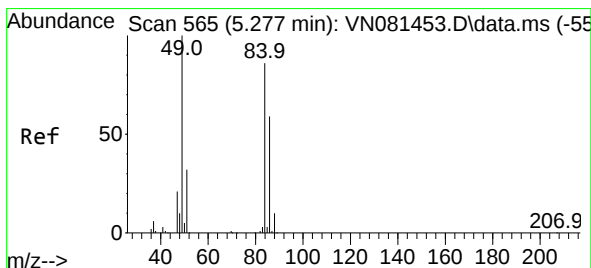
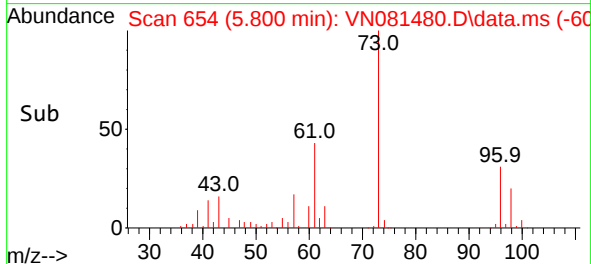
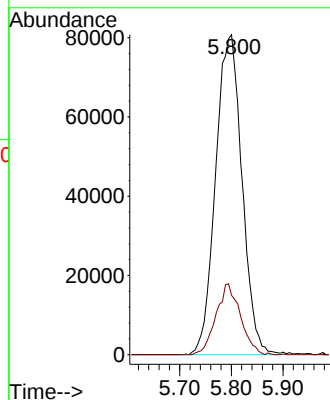
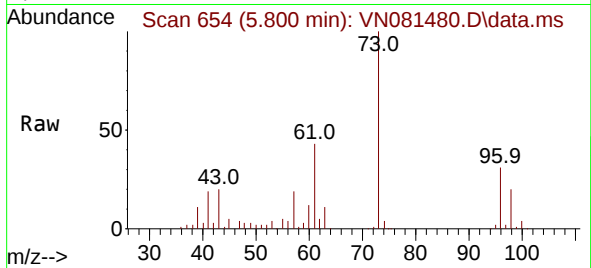
#19
Methyl tert-butyl Ether
Concen: 19.378 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 73 Resp: 28645
Ion Ratio Lower Upper
73 100
57 18.6 18.2 27.4

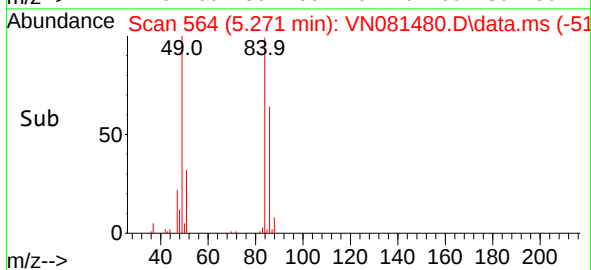
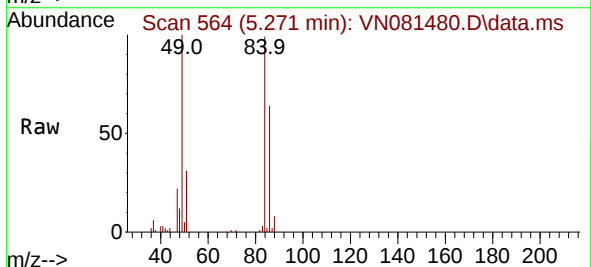
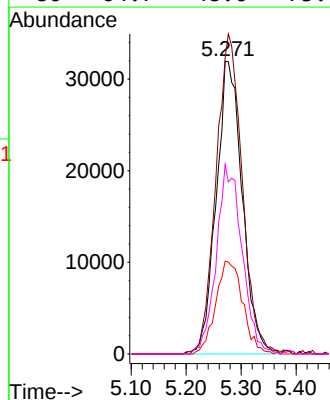
Manual Integrations
APPROVED

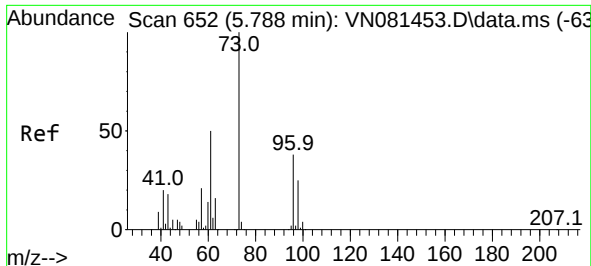
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#20
Methylene Chloride
Concen: 19.451 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

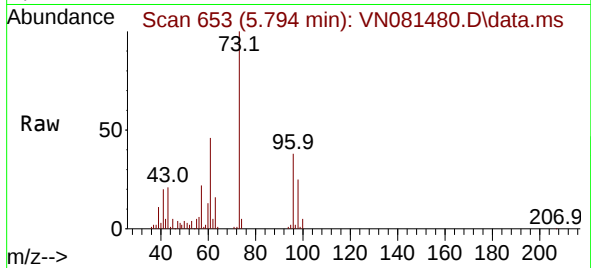
Tgt Ion: 84 Resp: 105097
Ion Ratio Lower Upper
84 100
49 101.2 108.1 162.1#
51 31.7 32.9 49.3#
86 64.7 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 18.390 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

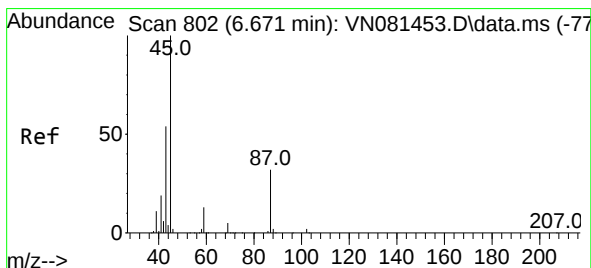
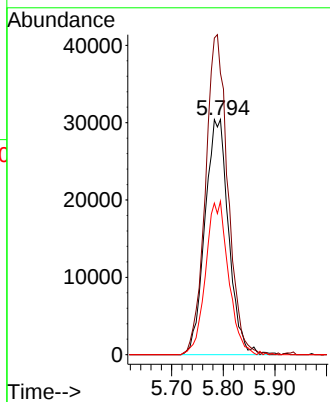
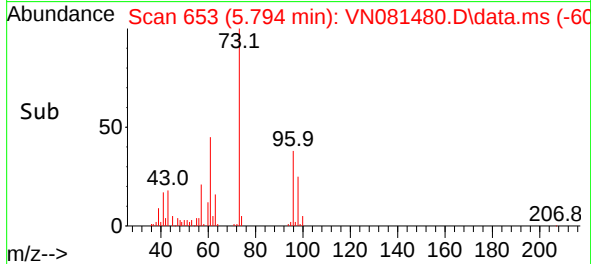
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 96 Resp: 9684
Ion Ratio Lower Upper
96 100
61 119.6 112.8 169.2
98 65.2 51.0 76.4

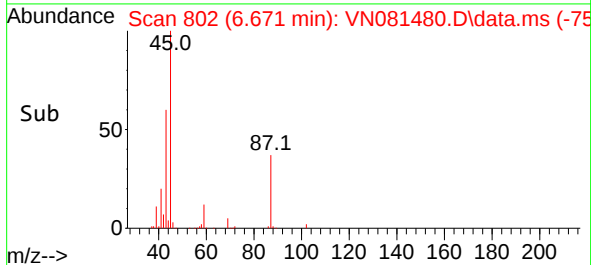
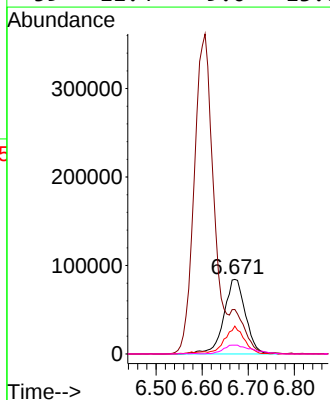
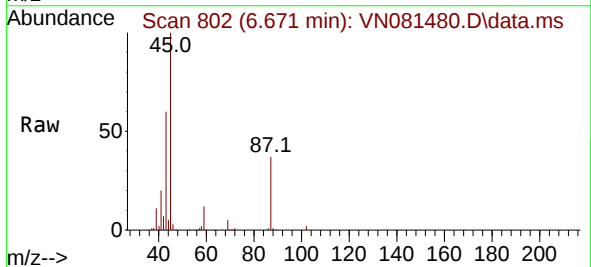
Manual Integrations
APPROVED

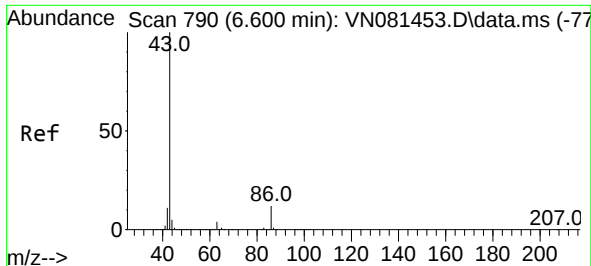
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#22
Diisopropyl ether
Concen: 19.962 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

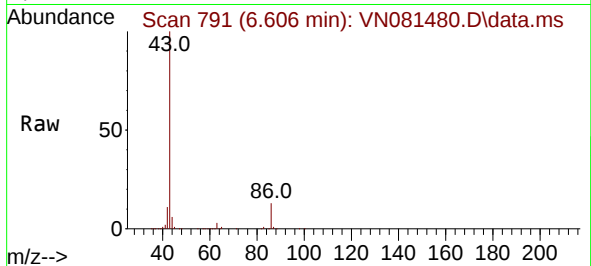
Tgt Ion: 45 Resp: 274523
Ion Ratio Lower Upper
45 100
43 58.4 41.8 62.8
87 37.3 18.1 27.1#
59 11.4 9.0 13.6





#23
 Vinyl Acetate
 Concen: 96.908 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081480.D
 Acq: 19 Mar 2024 18:56

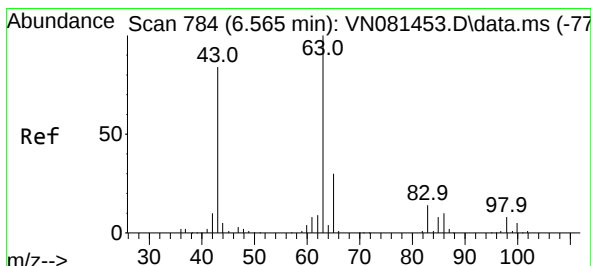
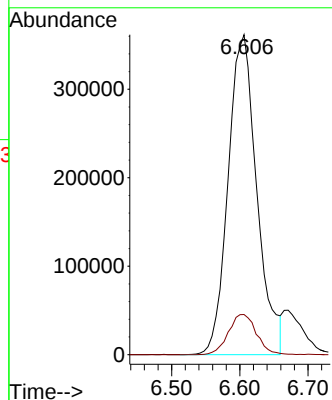
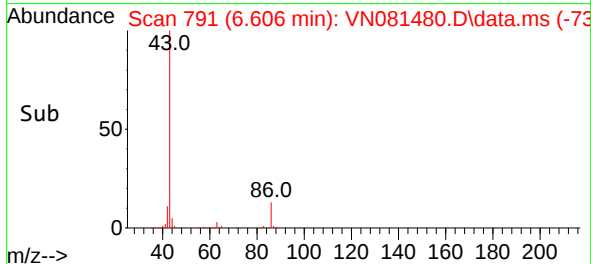
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319MBS01



Tgt Ion: 43 Resp: 106079
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.1 10.7

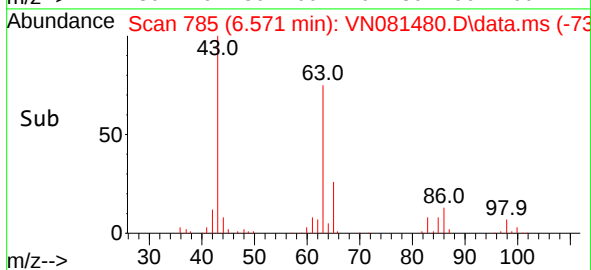
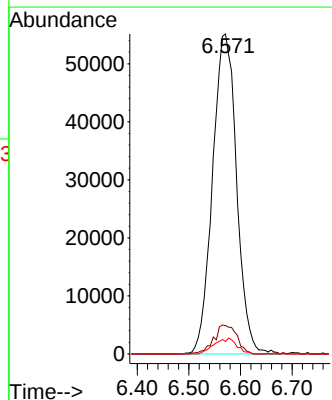
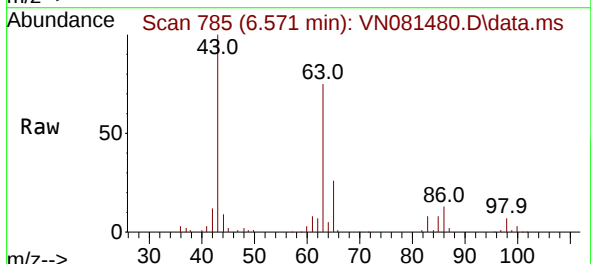
Manual Integrations
 APPROVED

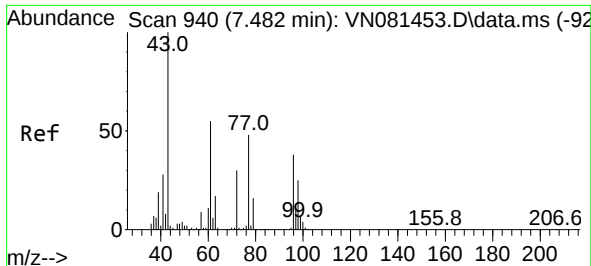
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#24
 1,1-Dichloroethane
 Concen: 19.360 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081480.D
 Acq: 19 Mar 2024 18:56

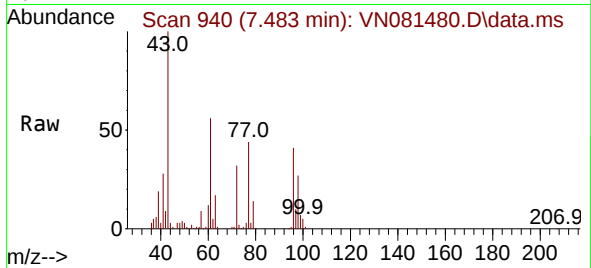
Tgt Ion: 63 Resp: 178323
 Ion Ratio Lower Upper
 63 100
 98 8.9 2.9 8.6#
 100 3.9 1.9 5.7





#25
2-Butanone
Concen: 95.031 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

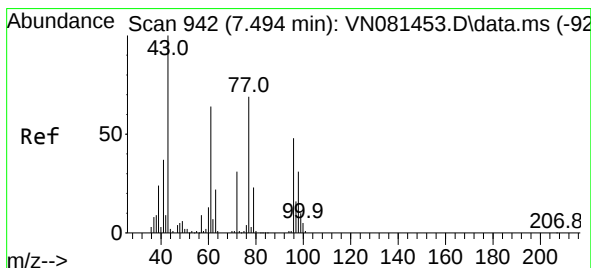
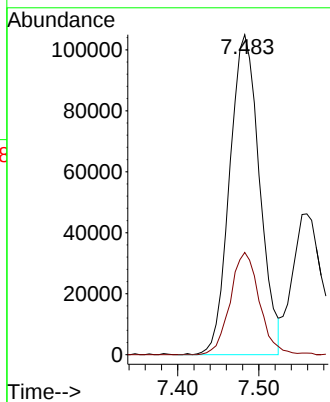
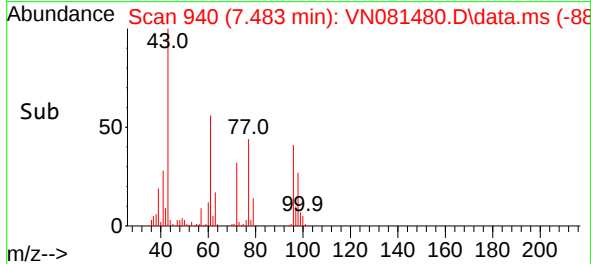
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 43 Resp: 268862
Ion Ratio Lower Upper
43 100
72 31.9 19.5 29.3

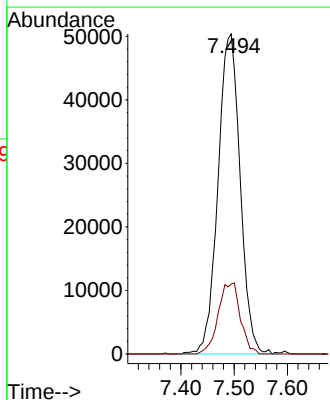
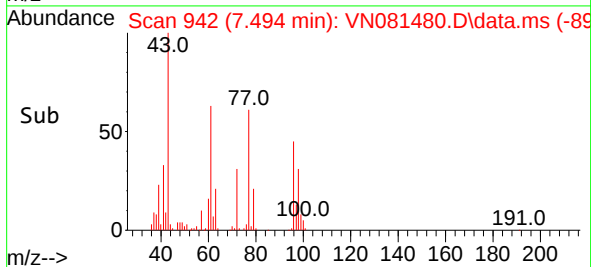
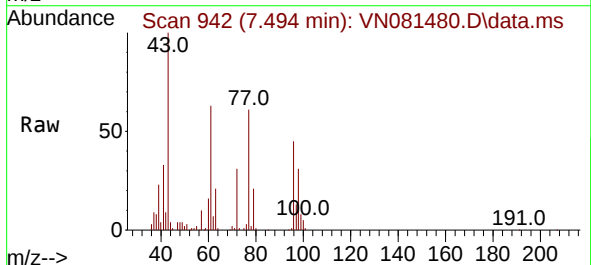
Manual Integrations
APPROVED

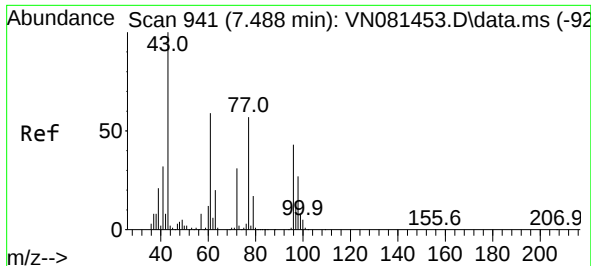
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#26
2,2-Dichloropropane
Concen: 18.232 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

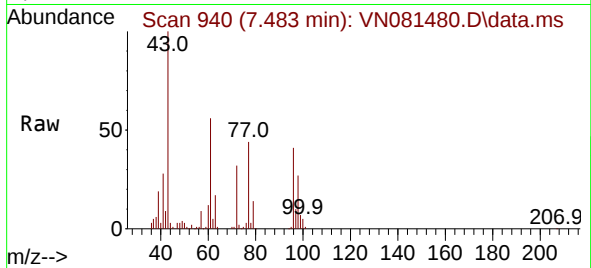
Tgt Ion: 77 Resp: 145652
Ion Ratio Lower Upper
77 100
97 22.1 11.5 34.5





#27
cis-1,2-Dichloroethene
Concen: 19.177 ug/l
RT: 7.483 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

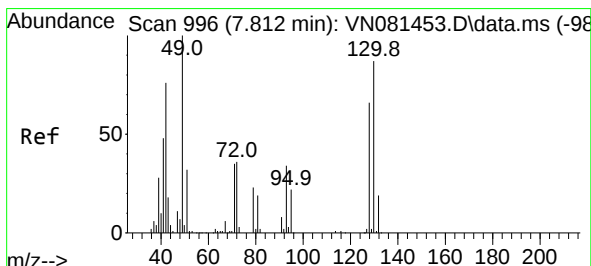
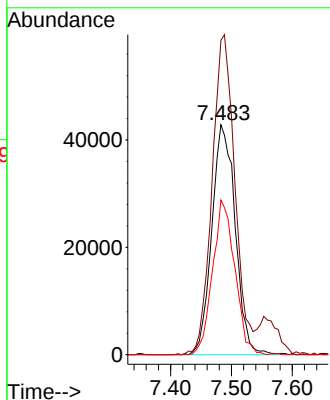
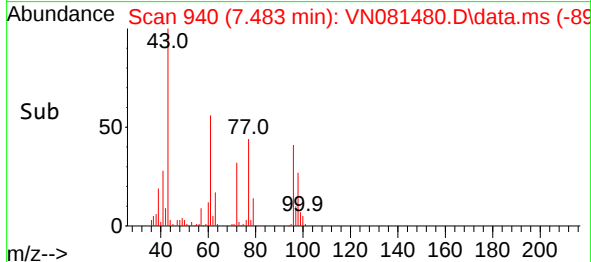
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 96 Resp: 114272
Ion Ratio Lower Upper
96 100
61 135.4 0.0 325.4
98 63.8 0.0 130.4

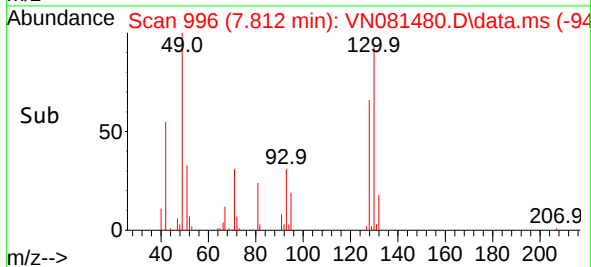
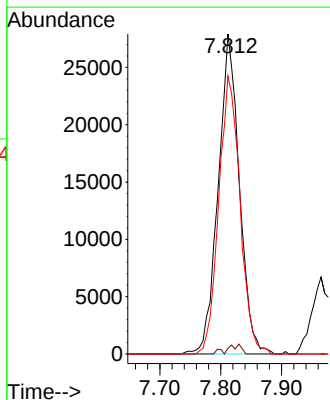
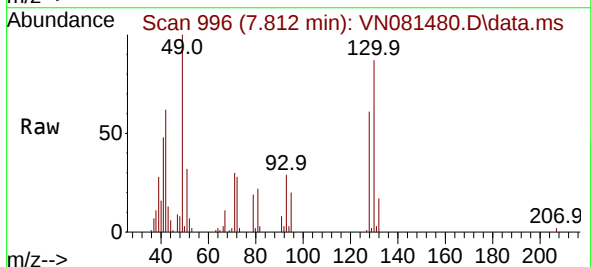
Manual Integrations
APPROVED

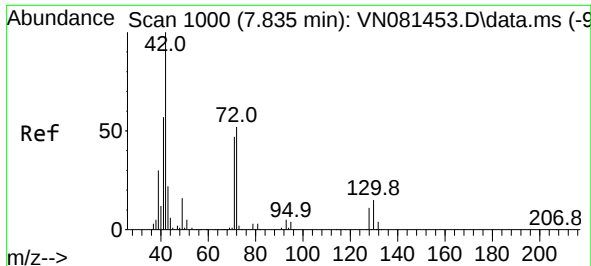
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#28
Bromochloromethane
Concen: 17.930 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 49 Resp: 67269
Ion Ratio Lower Upper
49 100
129 0.4 0.0 1.6
130 87.3 42.3 63.5#





#29

Tetrahydrofuran

Concen: 93.506 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

Tgt Ion: 42 Resp: 17821

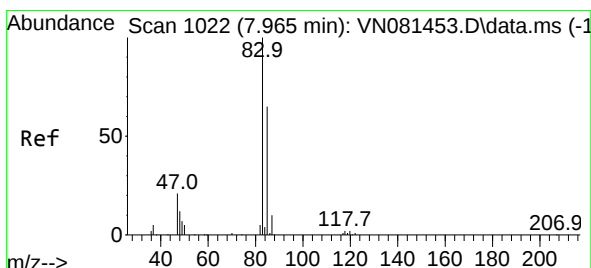
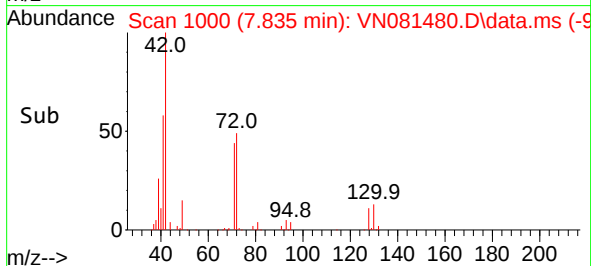
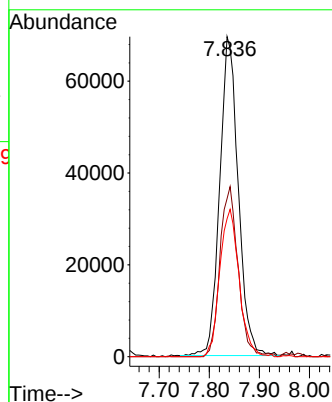
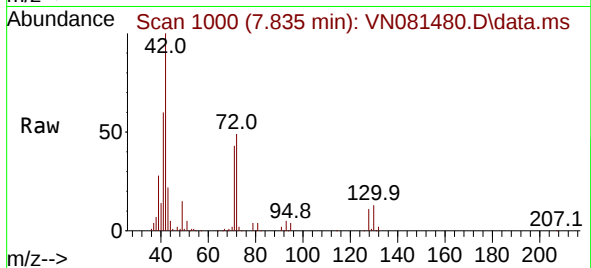
Ion	Ratio	Lower	Upper
42	100		
72	51.9	31.1	46.7
71	48.2	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#30

Chloroform

Concen: 19.497 ug/l

RT: 7.965 min Scan# 1022

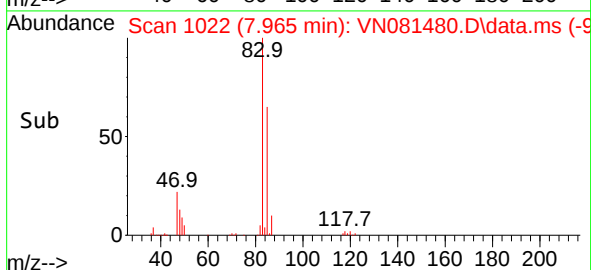
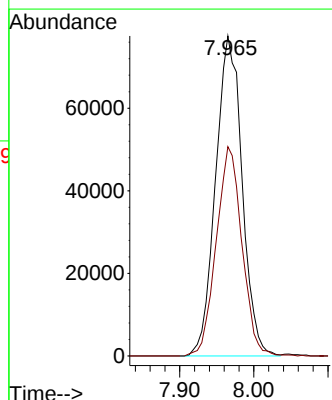
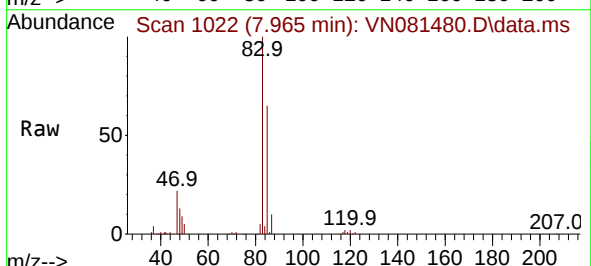
Delta R.T. 0.000 min

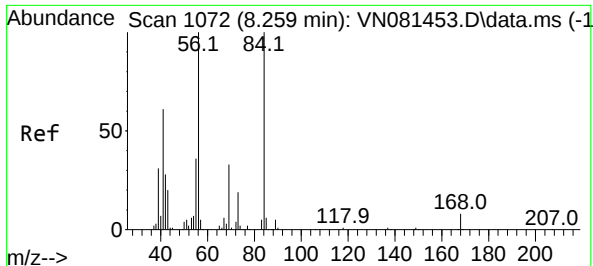
Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Tgt Ion: 83 Resp: 192255

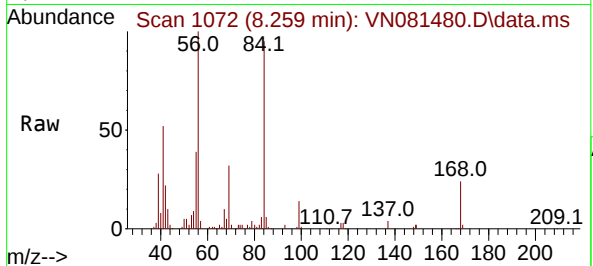
Ion	Ratio	Lower	Upper
83	100		
85	65.4	51.0	76.6





#31
Cyclohexane
Concen: 17.838 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

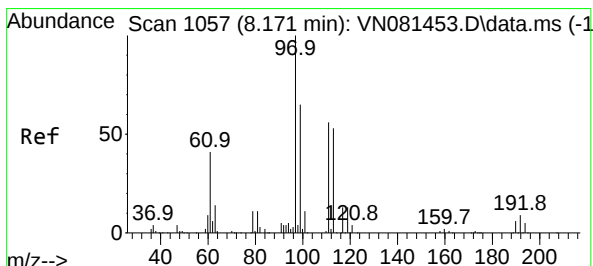
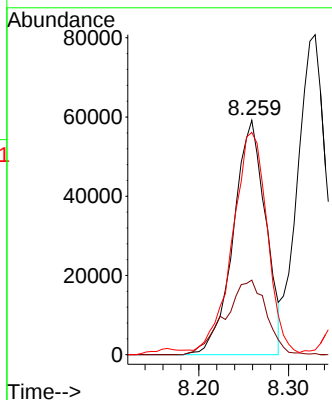
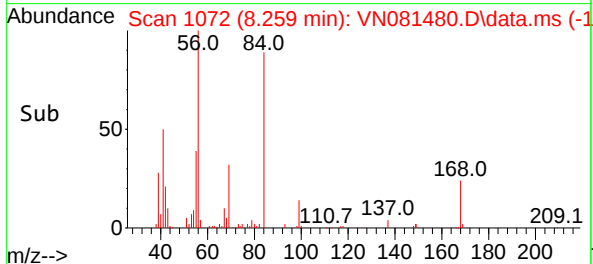
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 56 Resp: 148154
Ion Ratio Lower Upper
56 100
69 31.8 20.1 30.1
84 92.9 56.9 85.3

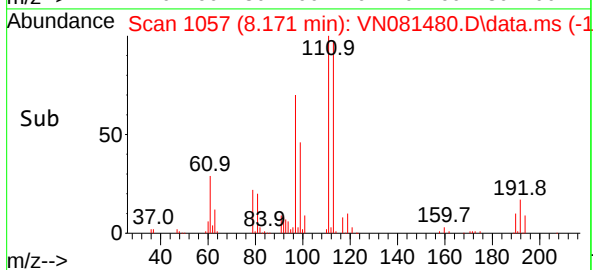
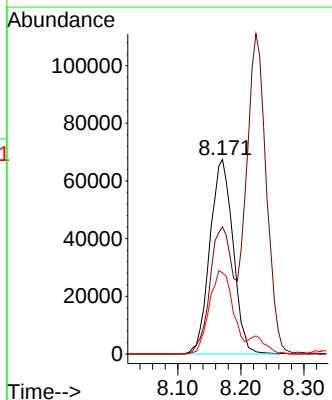
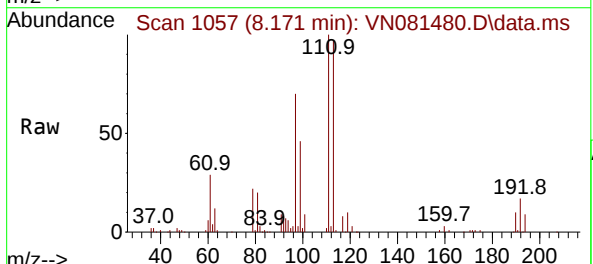
Manual Integrations
APPROVED

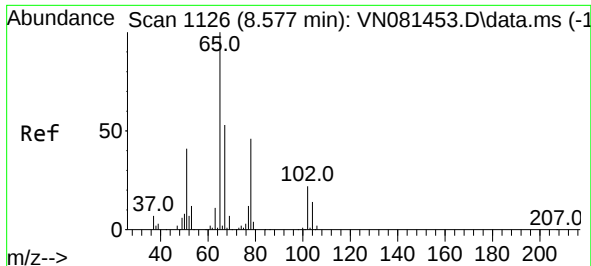
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#32
1,1,1-Trichloroethane
Concen: 19.167 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 97 Resp: 171472
Ion Ratio Lower Upper
97 100
99 65.5 53.4 80.0
61 43.9 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 52.365 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

Tgt Ion: 65 Resp: 267272

Ion Ratio Lower Upper

65 100

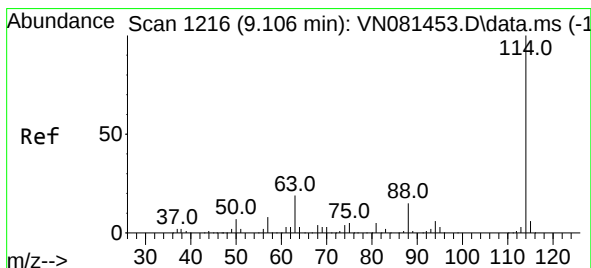
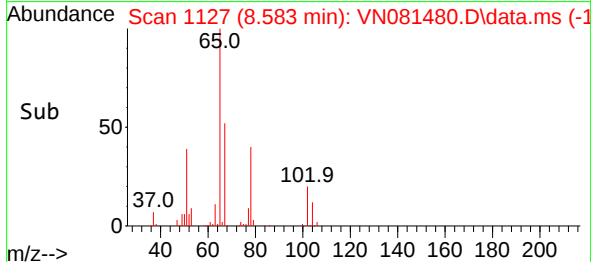
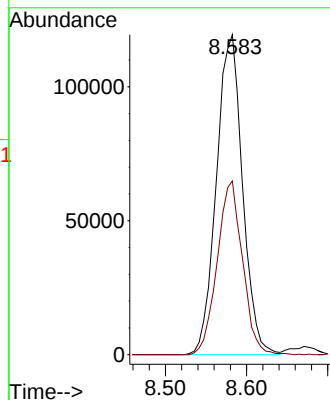
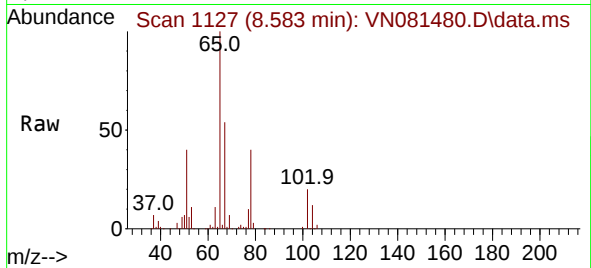
67 52.6 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

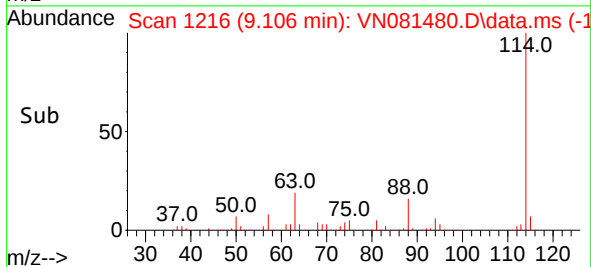
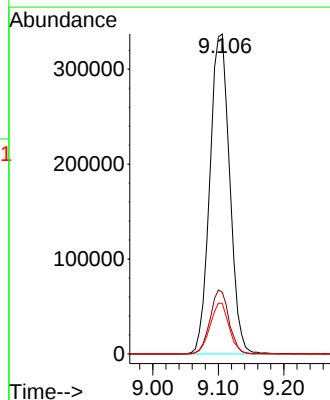
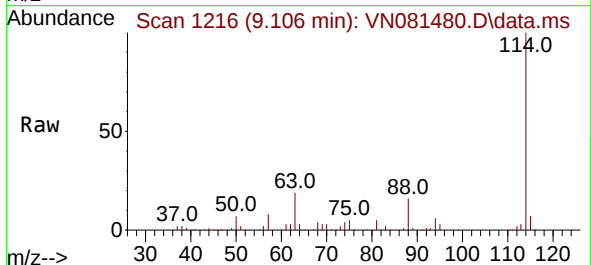
Tgt Ion:114 Resp: 708402

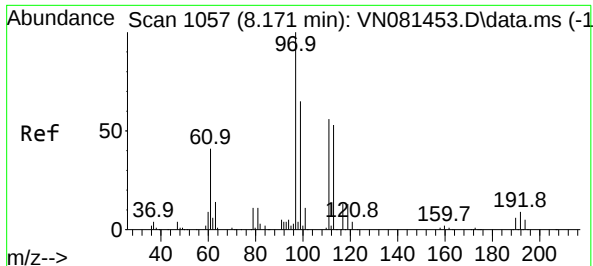
Ion Ratio Lower Upper

114 100

63 19.3 0.0 48.0

88 15.8 0.0 34.8





#35

Dibromofluoromethane

Concen: 51.288 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

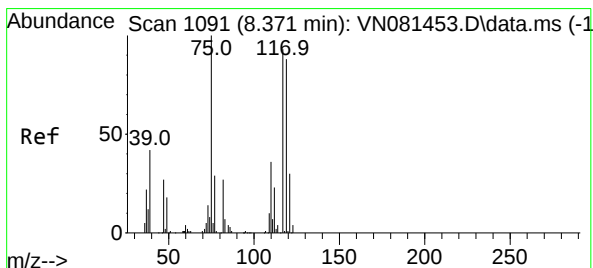
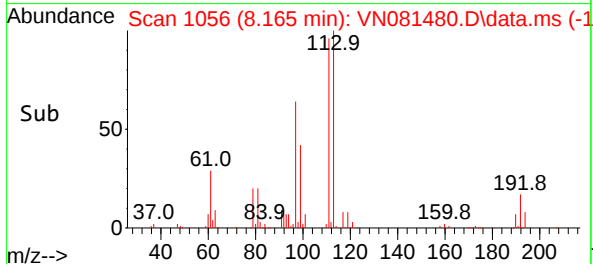
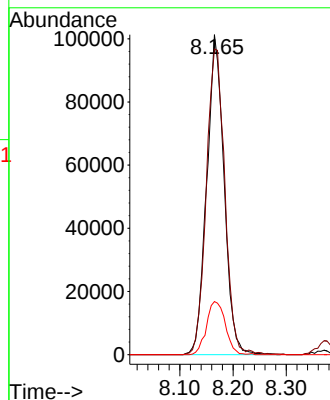
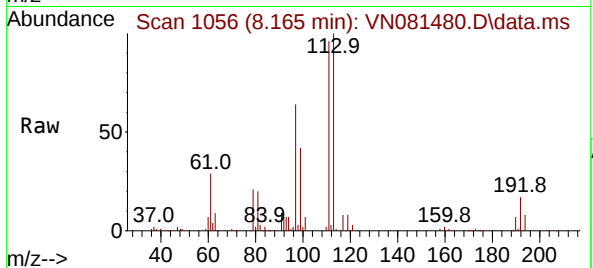
Tgt Ion:	113	Resp:	229290
Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.2	123.4
192	18.2	12.5	18.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#36

1,1-Dichloropropene

Concen: 18.420 ug/l

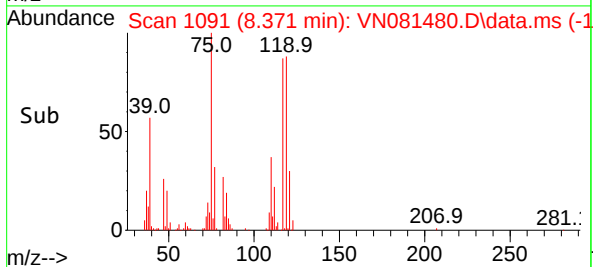
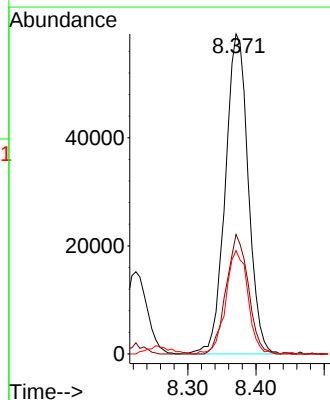
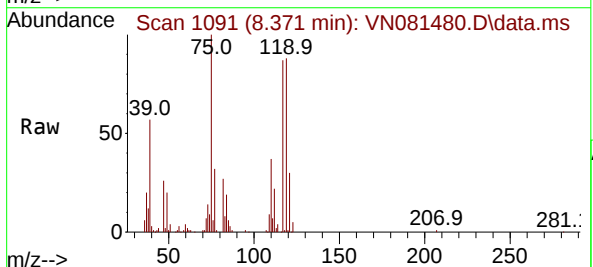
RT: 8.371 min Scan# 1091

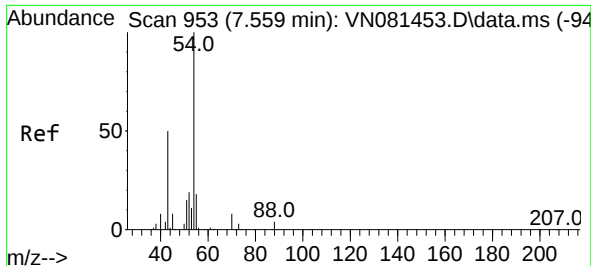
Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Tgt Ion:	75	Resp:	138590
Ion	Ratio	Lower	Upper
75	100		
110	36.1	16.0	48.0
77	31.2	25.8	38.6





#37

Ethyl Acetate

Concen: 18.707 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN081480.D

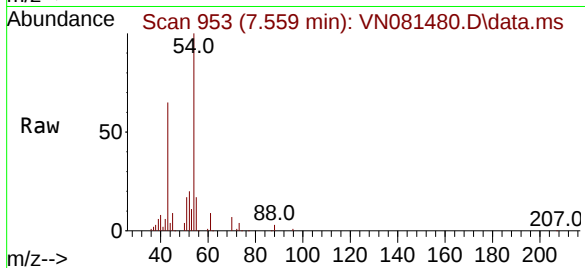
Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01



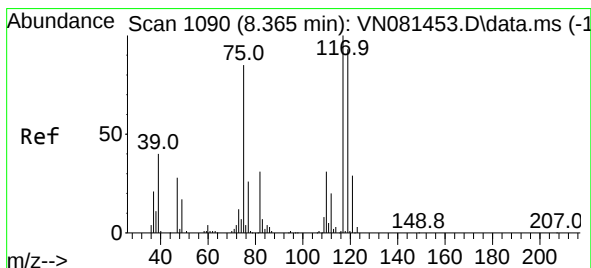
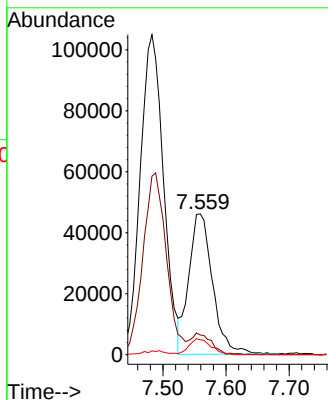
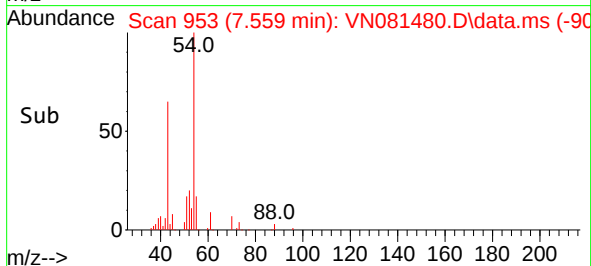
Tgt Ion:	43	Resp:	120518
Ion	Ratio	Lower	Upper
43	100		
61	12.3	10.6	15.8
70	10.3	8.0	12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#38

Carbon Tetrachloride

Concen: 18.334 ug/l

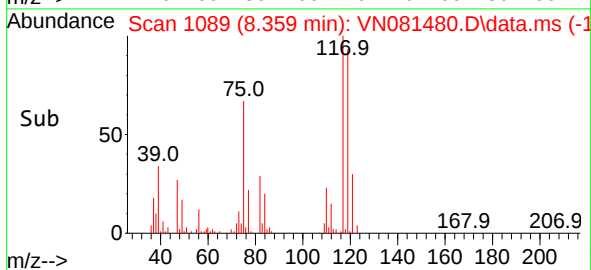
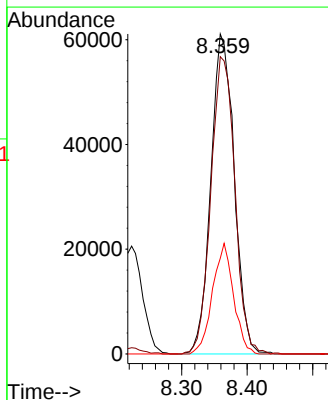
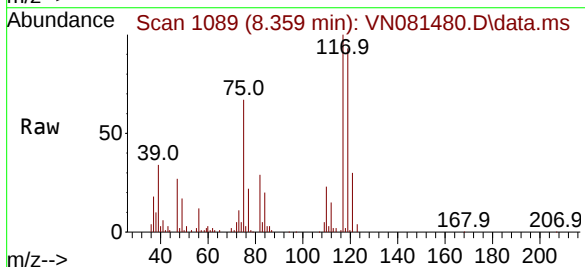
RT: 8.359 min Scan# 1089

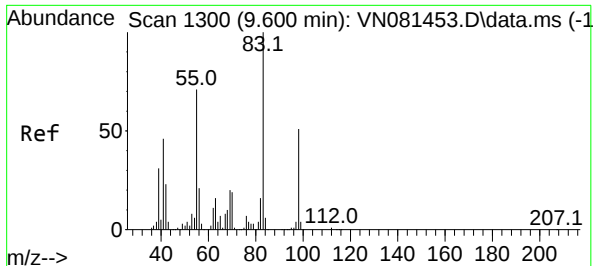
Delta R.T. -0.006 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Tgt Ion:	117	Resp:	151109
Ion	Ratio	Lower	Upper
117	100		
119	92.9	73.4	110.2
121	29.9	24.4	36.6





#39

Methylcyclohexane

Concen: 18.694 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN081480.D

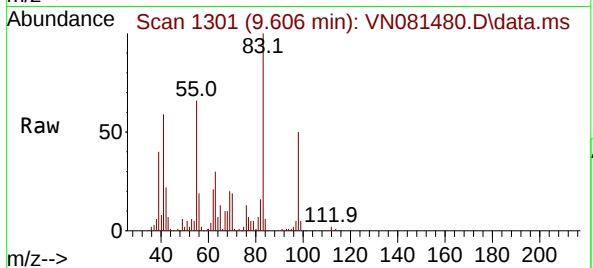
Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01



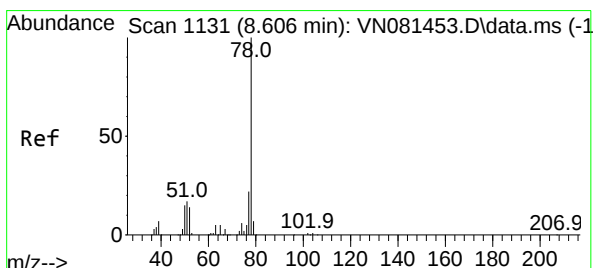
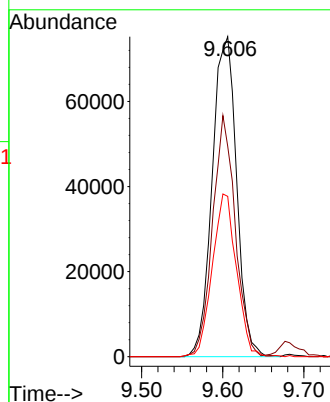
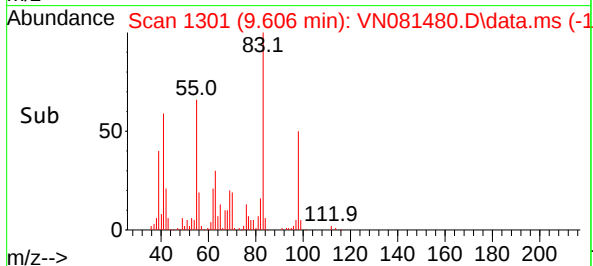
Tgt Ion:	83	Resp:	157068
Ion Ratio	Lower	Upper	
83	100		
55	65.7	65.7	98.5
98	50.1	33.8	50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#40

Benzene

Concen: 18.773 ug/l

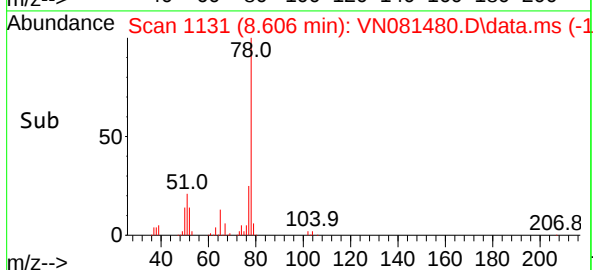
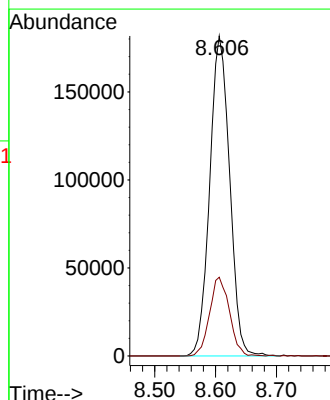
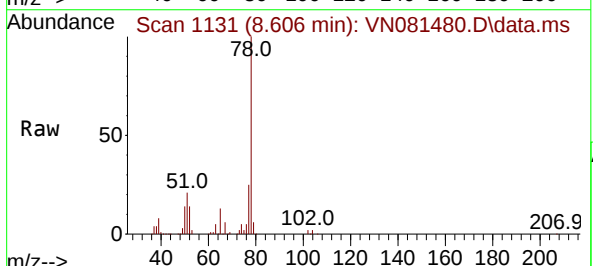
RT: 8.606 min Scan# 1131

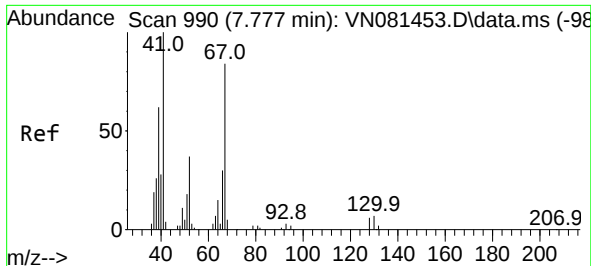
Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

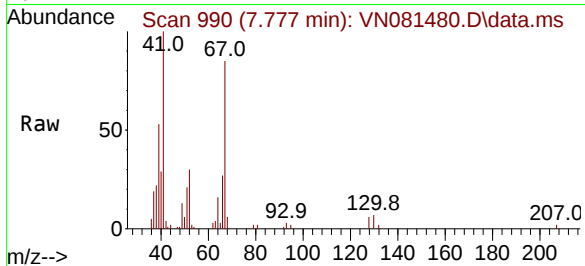
Tgt Ion:	78	Resp:	412933
Ion Ratio	Lower	Upper	
78	100		
77	24.6	20.4	30.6





#41
Methacrylonitrile
Concen: 17.577 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

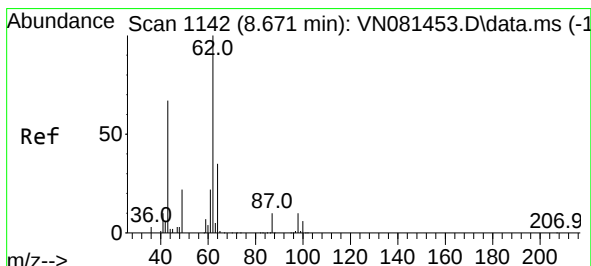
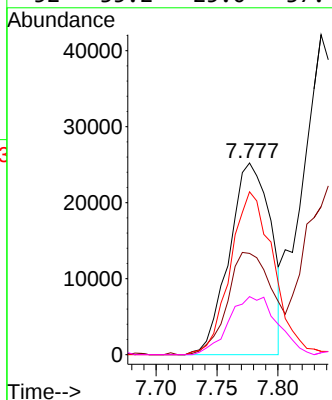
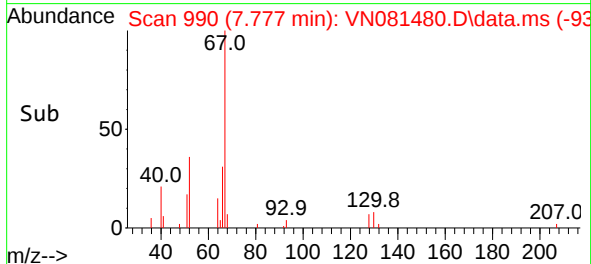
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



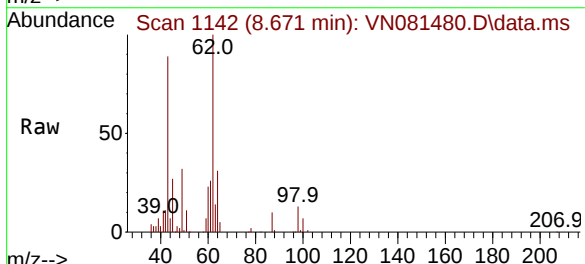
Tgt Ion: 41 Resp: 5988
Ion Ratio Lower Upper
41 100
39 58.3 48.4 72.6
67 88.8 56.8 85.2
52 35.2 25.0 37.4

Manual Integrations
APPROVED

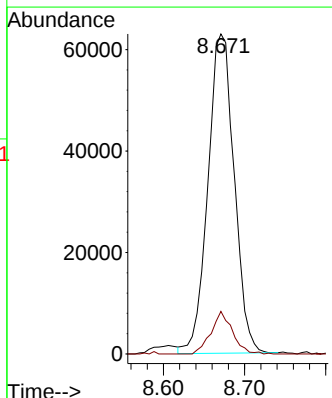
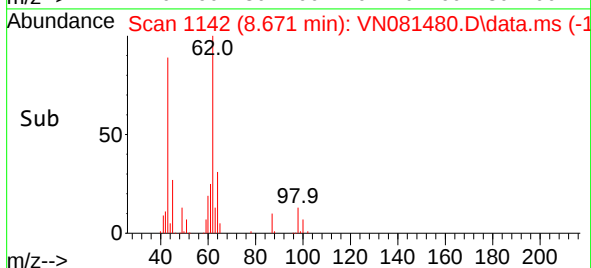
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

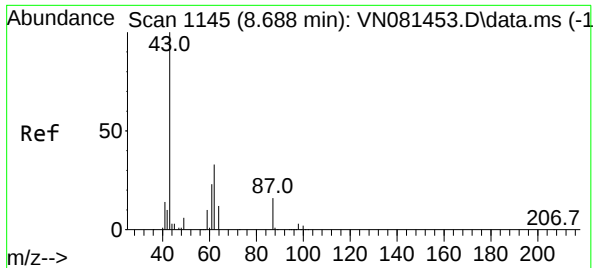


#42
1,2-Dichloroethane
Concen: 18.282 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



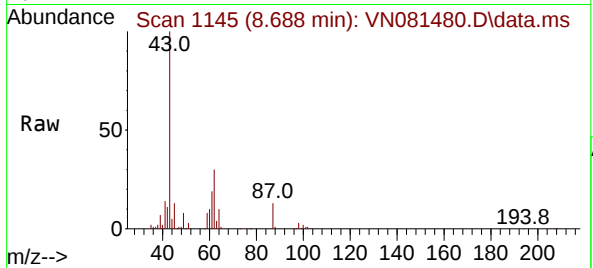
Tgt Ion: 62 Resp: 141523
Ion Ratio Lower Upper
62 100
98 10.9 0.0 18.0





#43
Isopropyl Acetate
Concen: 24.149 ug/l m
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

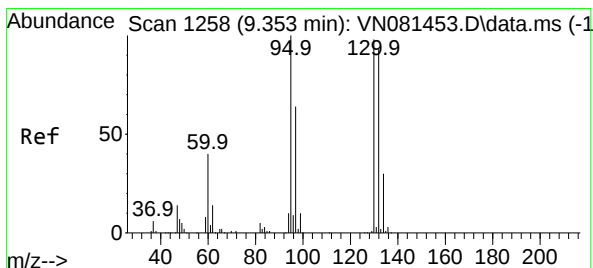
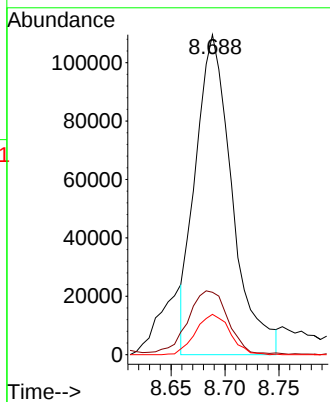
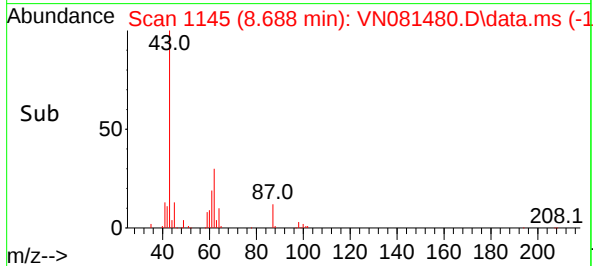
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 43 Resp: 257890
Ion Ratio Lower Upper
43 100
61 22.6 19.9 29.9
87 11.9 9.0 13.6

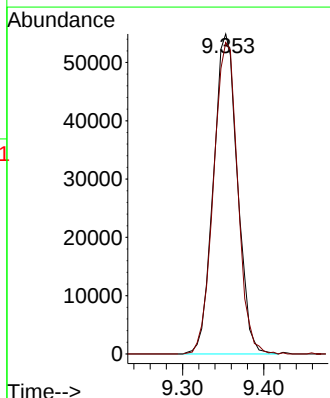
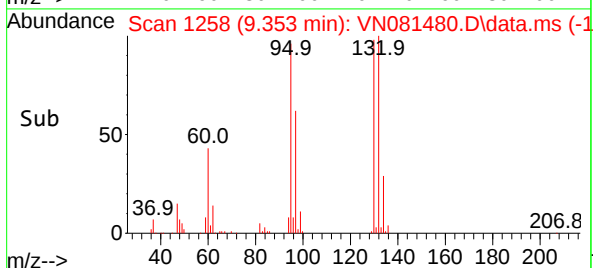
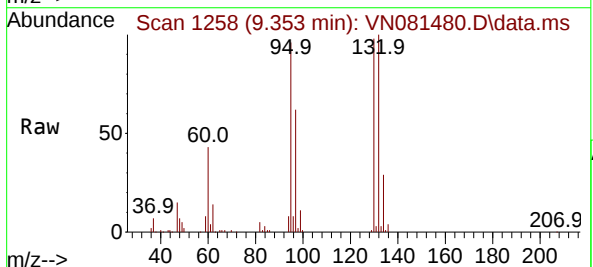
Manual Integrations
APPROVED

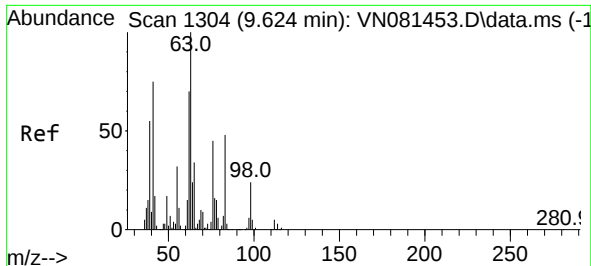
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#44
Trichloroethene
Concen: 18.226 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion:130 Resp: 112754
Ion Ratio Lower Upper
130 100
95 97.4 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.403 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

Tgt Ion: 63 Resp: 10343

Ion Ratio Lower Upper

63 100

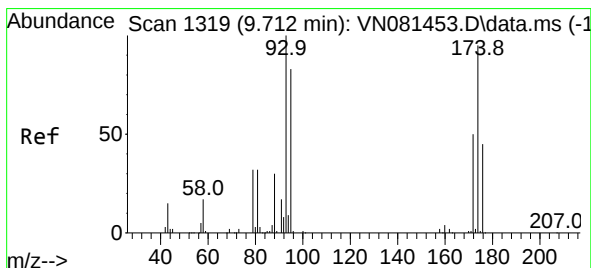
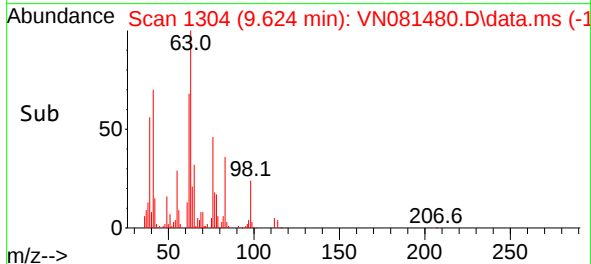
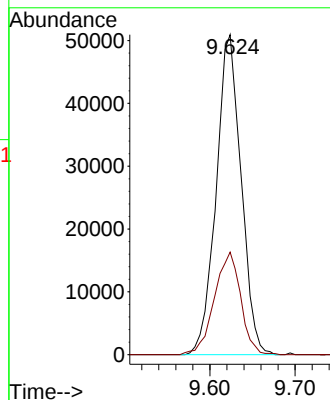
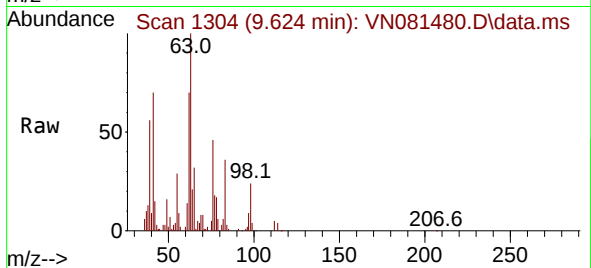
65 32.0 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#46

Dibromomethane

Concen: 18.470 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

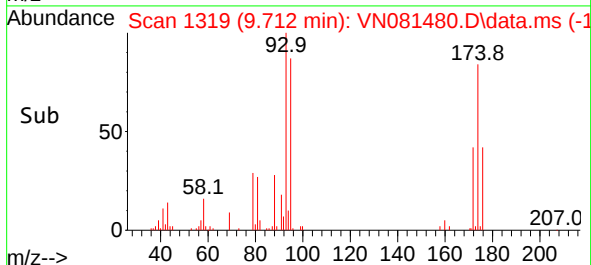
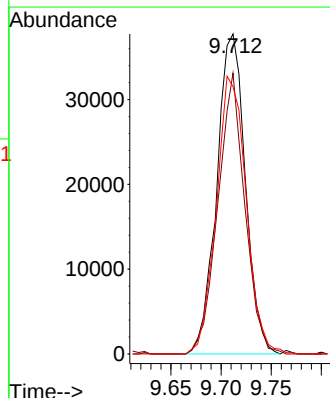
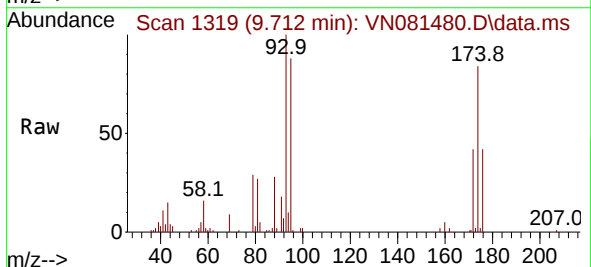
Tgt Ion: 93 Resp: 74772

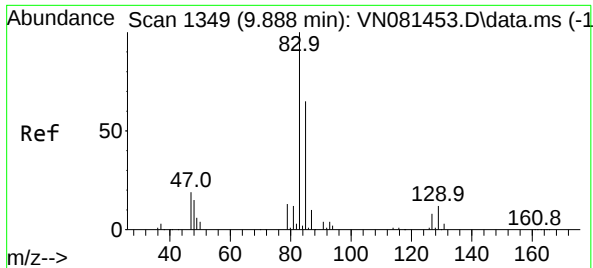
Ion Ratio Lower Upper

93 100

95 82.7 68.1 102.1

174 90.5 57.2 85.8





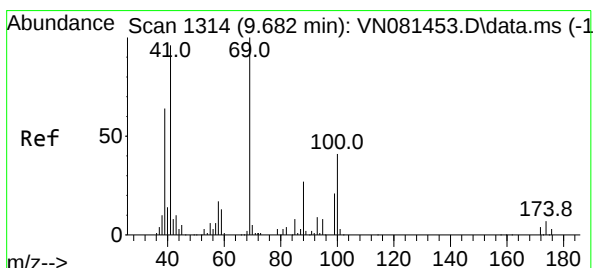
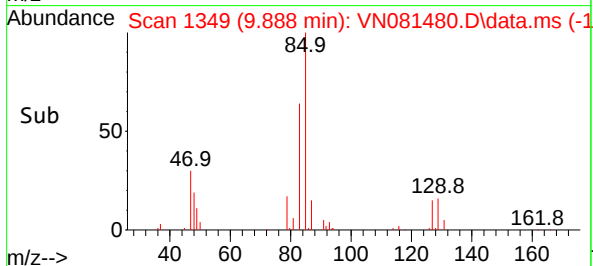
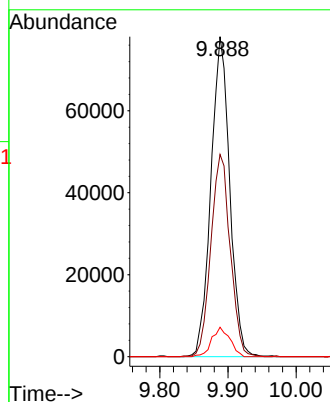
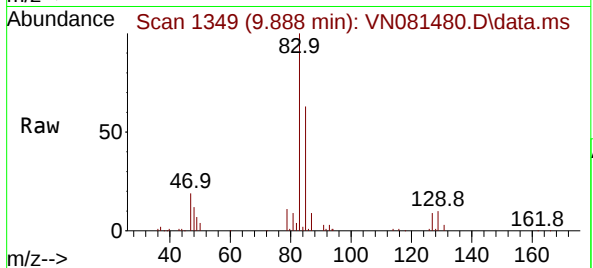
#47
Bromodichloromethane
Concen: 18.958 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 83 Resp: 15005
Ion Ratio Lower Upper
83 100
85 63.2 52.3 78.5
127 9.2 4.6 7.0

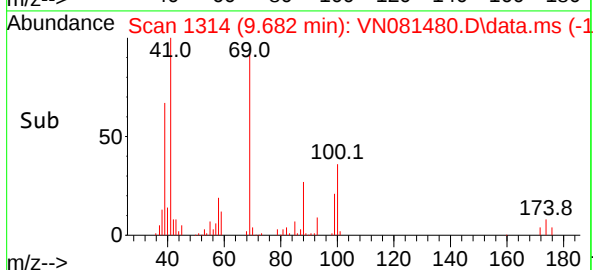
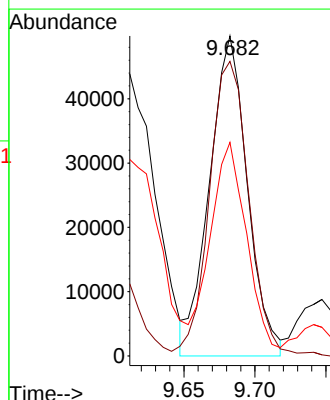
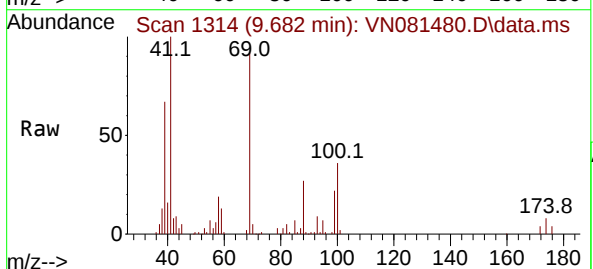
Manual Integrations
APPROVED

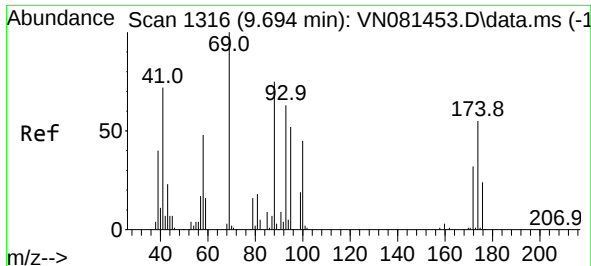
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#48
Methyl methacrylate
Concen: 18.759 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

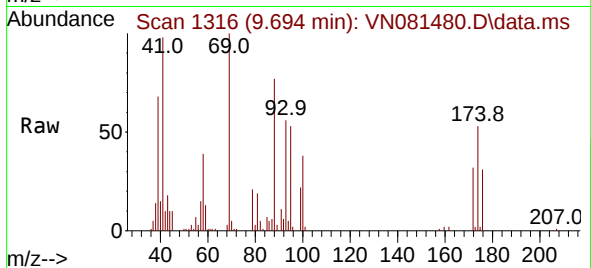
Tgt Ion: 41 Resp: 92403
Ion Ratio Lower Upper
41 100
69 96.0 62.2 93.2#
39 64.2 47.6 71.4





#49
1,4-Dioxane
Concen: 356.943 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

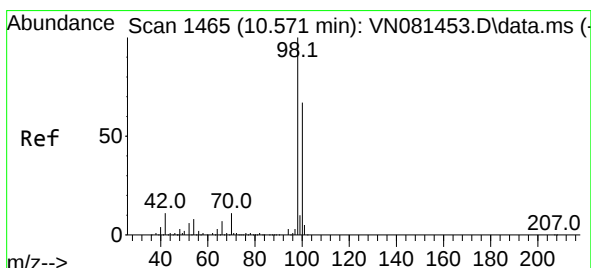
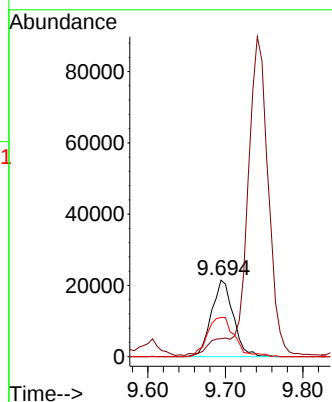
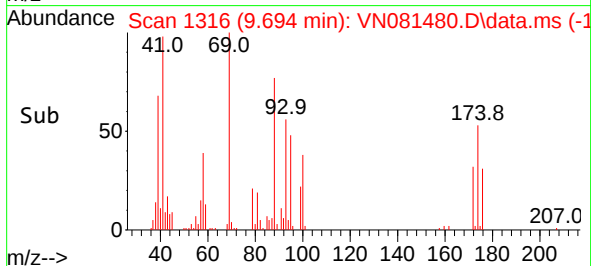
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 88 Resp: 42252
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 63.5 63.9 95.9

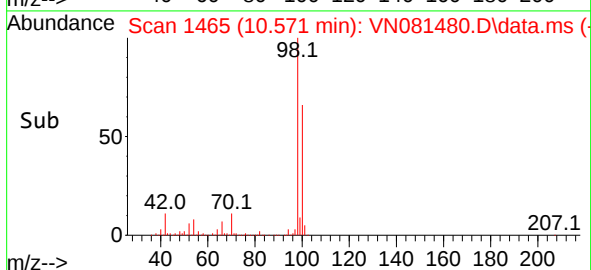
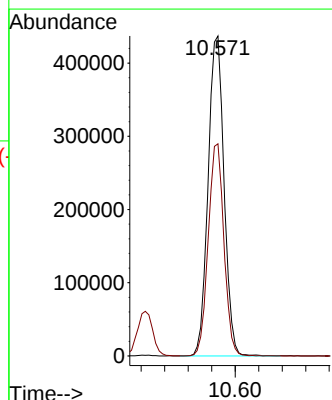
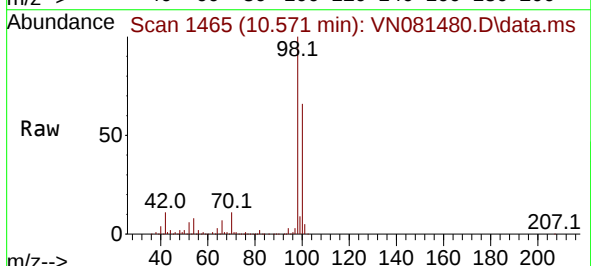
Manual Integrations
APPROVED

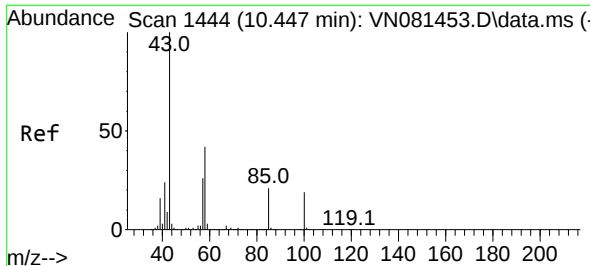
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#50
Toluene-d8
Concen: 50.873 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

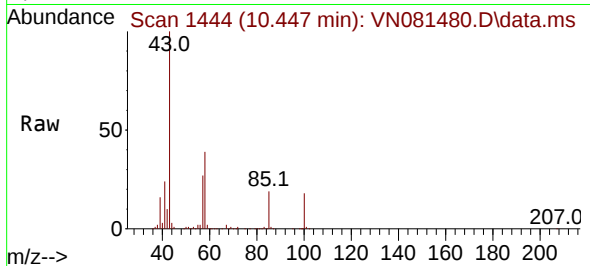
Tgt Ion: 98 Resp: 822170
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0





#51
4-Methyl-2-Pentanone
Concen: 91.408 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

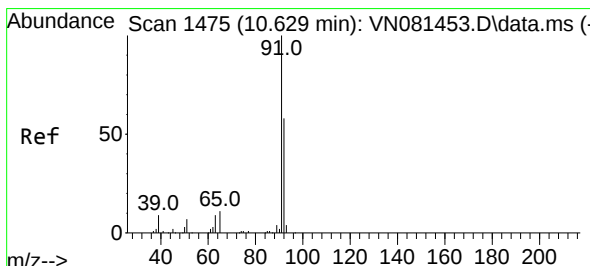
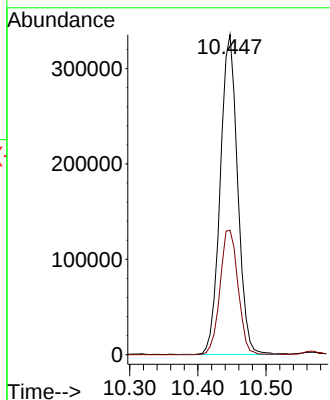
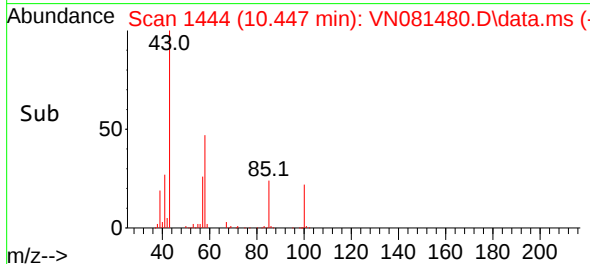
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 43 Resp: 595654
Ion Ratio Lower Upper
43 100
58 40.5 29.4 44.0

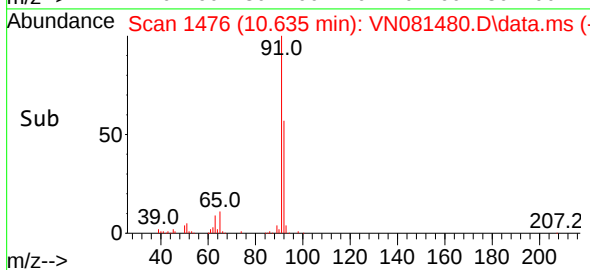
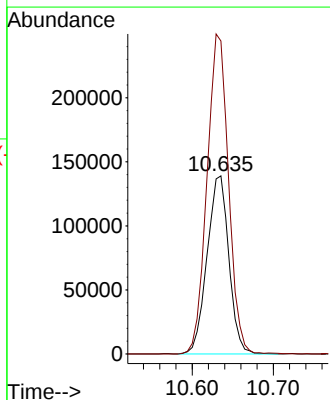
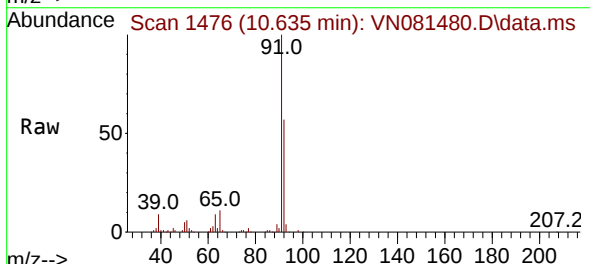
Manual Integrations
APPROVED

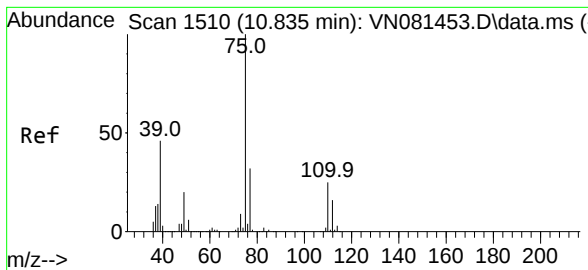
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#52
Toluene
Concen: 18.530 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 92 Resp: 259063
Ion Ratio Lower Upper
92 100
91 177.6 139.4 209.0





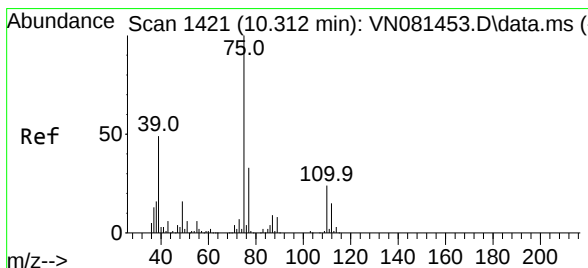
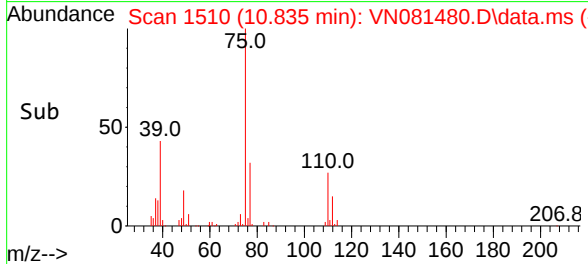
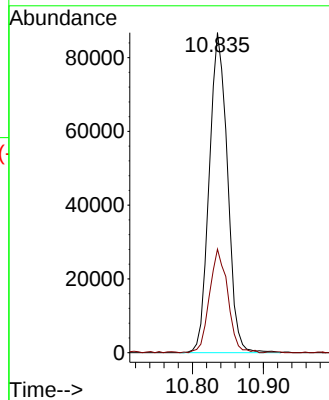
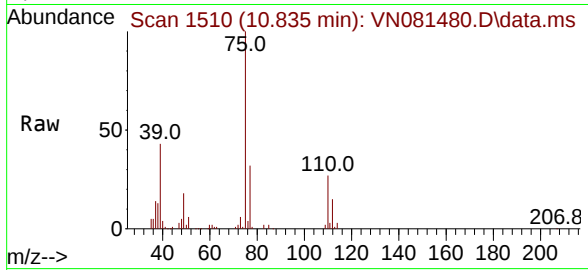
#53
t-1,3-Dichloropropene
Concen: 18.101 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 75 Resp: 15470
Ion Ratio Lower Upper
75 100
77 32.4 25.5 38.3

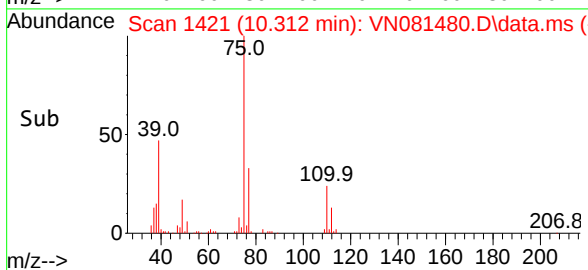
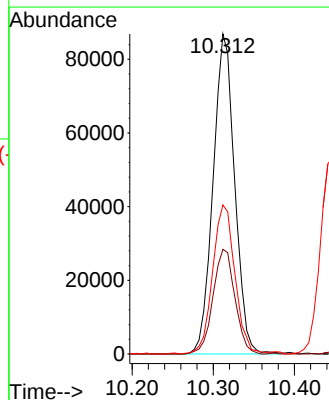
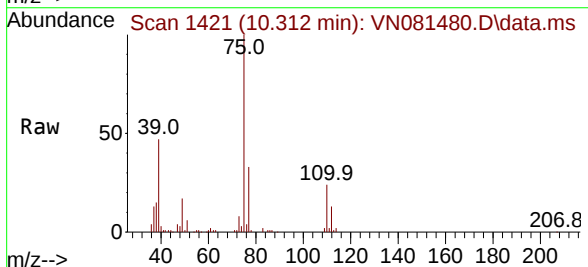
Manual Integrations
APPROVED

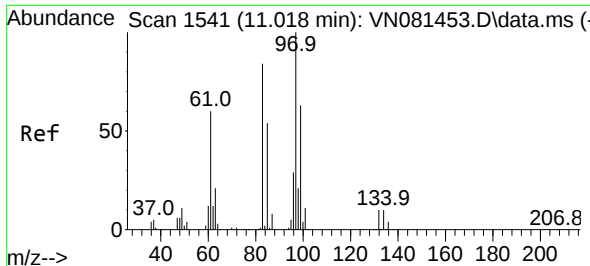
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#54
cis-1,3-Dichloropropene
Concen: 17.524 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

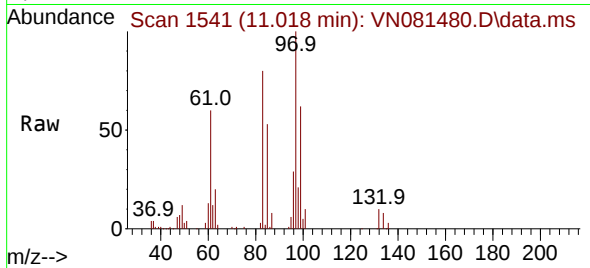
Tgt Ion: 75 Resp: 160582
Ion Ratio Lower Upper
75 100
77 32.7 23.3 34.9
39 46.6 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 18.780 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

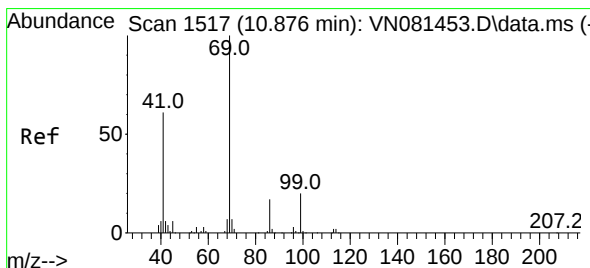
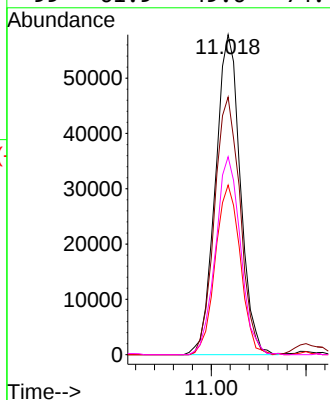
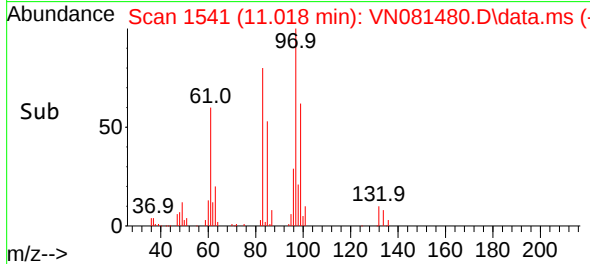
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 97 Resp: 105664
Ion Ratio Lower Upper
97 100
83 80.5 72.9 109.3
85 53.0 50.2 75.2
99 61.9 49.6 74.4

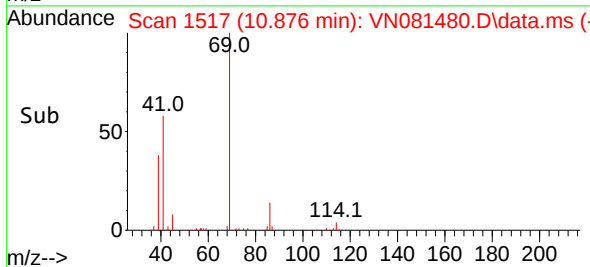
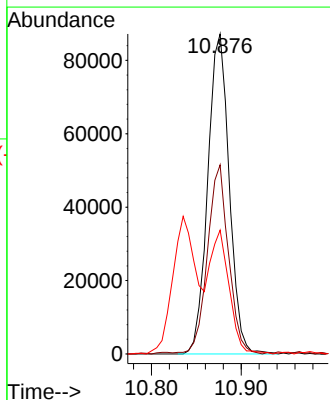
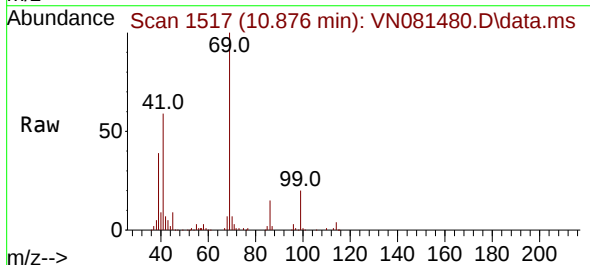
Manual Integrations
APPROVED

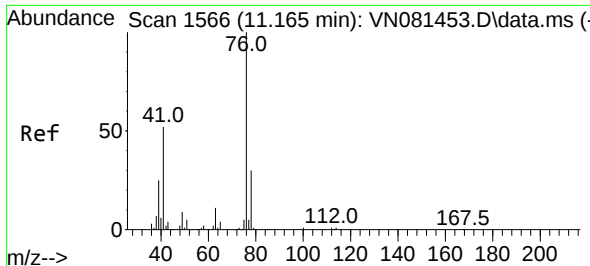
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#56
Ethyl methacrylate
Concen: 18.808 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion: 69 Resp: 144699
Ion Ratio Lower Upper
69 100
41 58.1 61.0 91.6#
39 34.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 18.857 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

Tgt Ion: 76 Resp: 173929

Ion Ratio Lower Upper

76 100

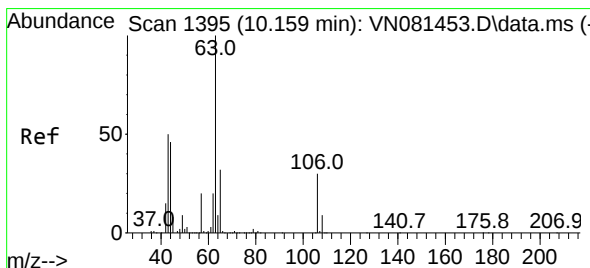
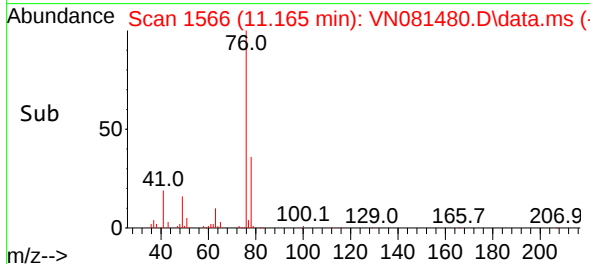
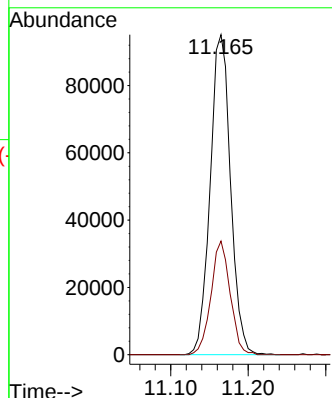
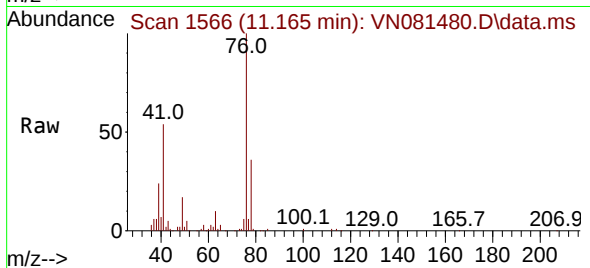
78 33.4 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#58

2-Chloroethyl Vinyl ether

Concen: 106.113 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081480.D

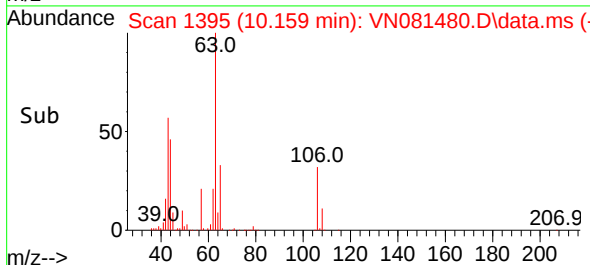
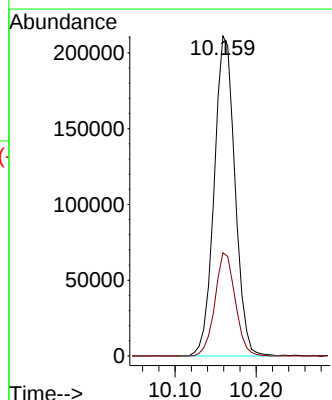
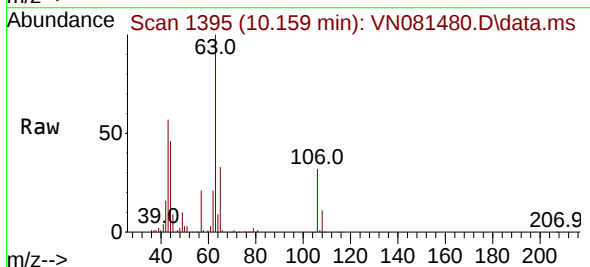
Acq: 19 Mar 2024 18:56

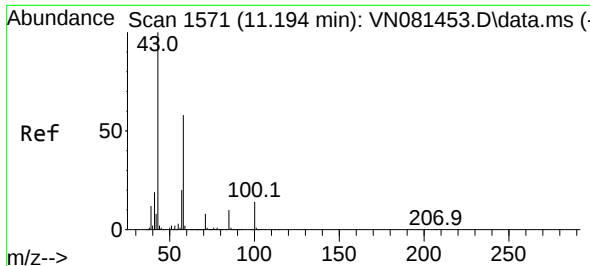
Tgt Ion: 63 Resp: 375669

Ion Ratio Lower Upper

63 100

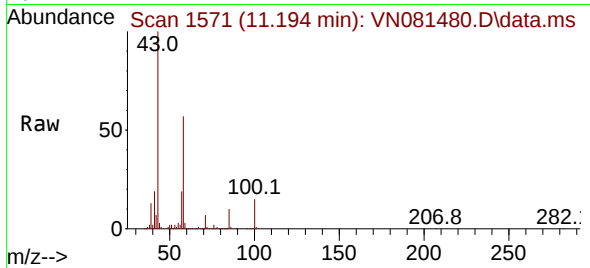
106 31.6 18.6 28.0#





#59
2-Hexanone
Concen: 91.059 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

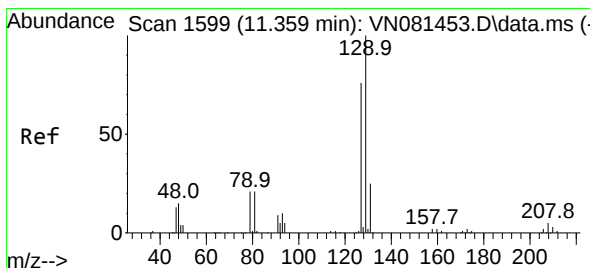
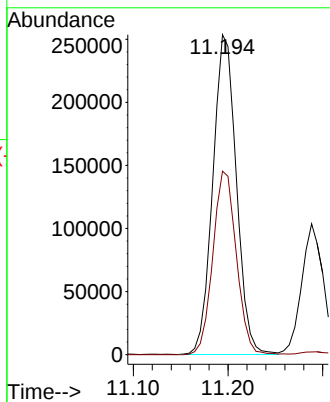
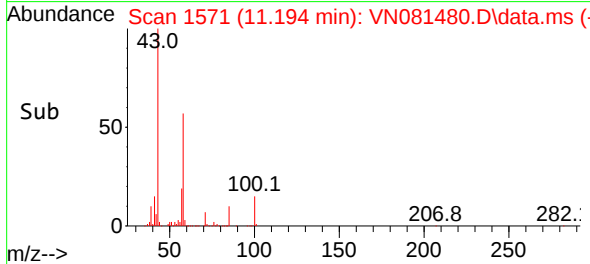
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 43 Resp: 438700
Ion Ratio Lower Upper
43 100
58 57.3 25.9 77.8

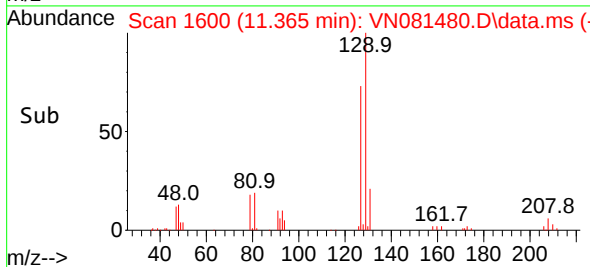
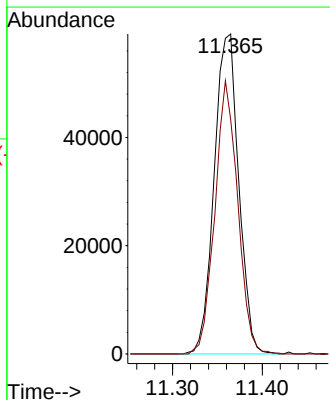
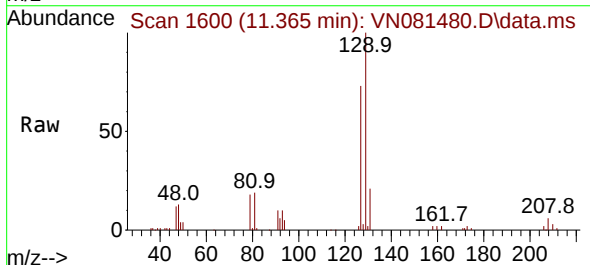
Manual Integrations
APPROVED

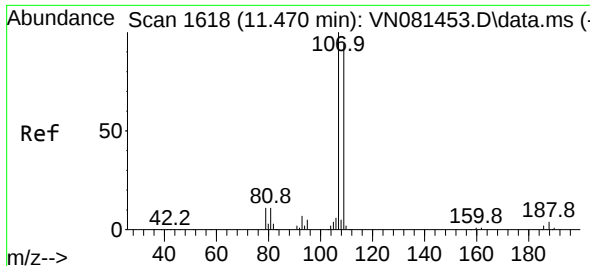
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#60
Dibromochloromethane
Concen: 18.159 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

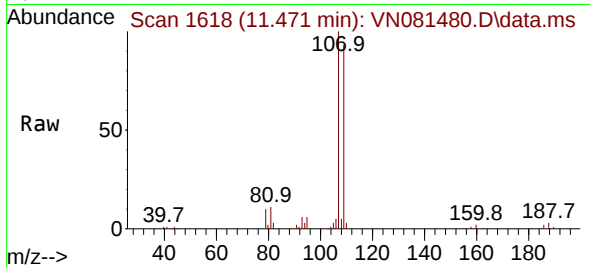
Tgt Ion:129 Resp: 112364
Ion Ratio Lower Upper
129 100
127 79.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.690 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

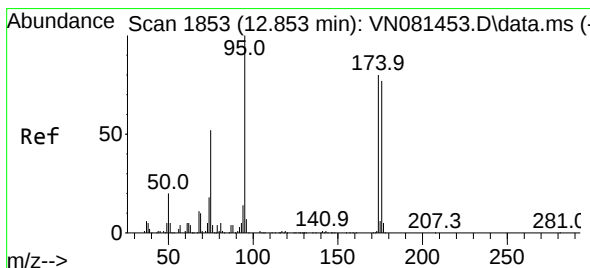
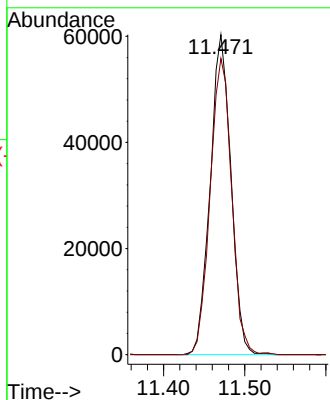
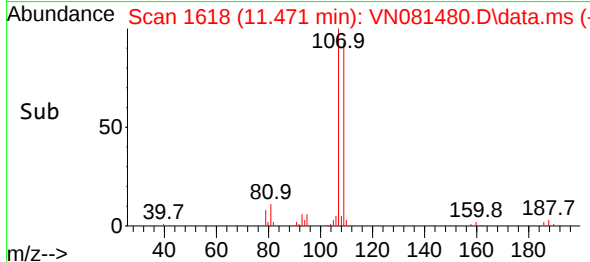
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



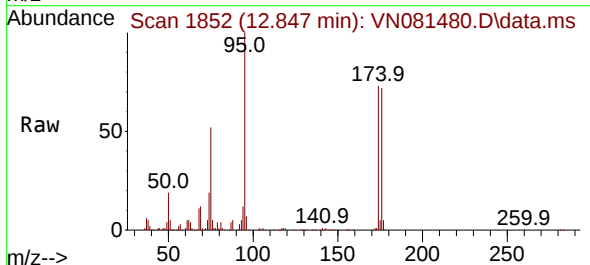
Tgt Ion:107 Resp: 10720
Ion Ratio Lower Upper
107 100
109 95.7 73.4 110.2

Manual Integrations
APPROVED

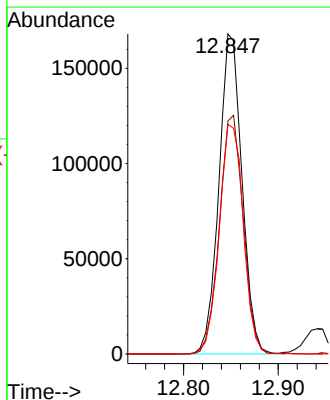
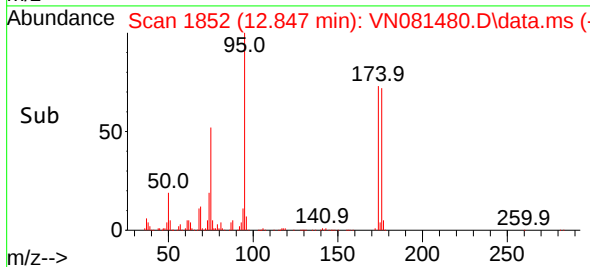
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

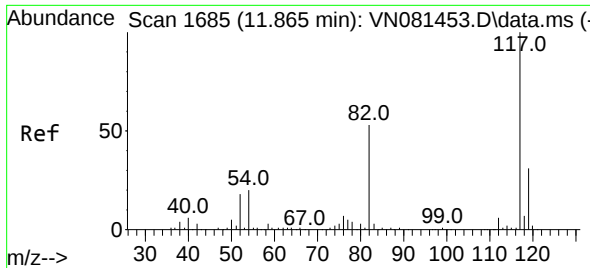


#62
4-Bromofluorobenzene
Concen: 49.940 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



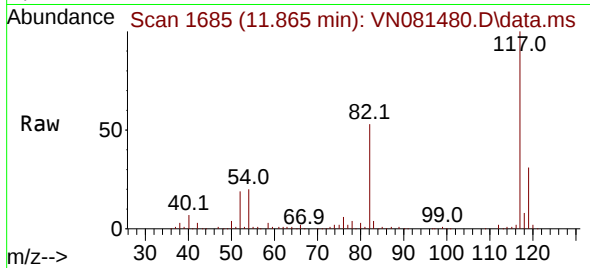
Tgt Ion: 95 Resp: 284386
Ion Ratio Lower Upper
95 100
174 77.1 0.0 120.4
176 74.6 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

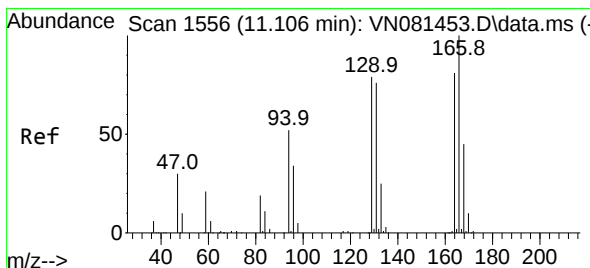
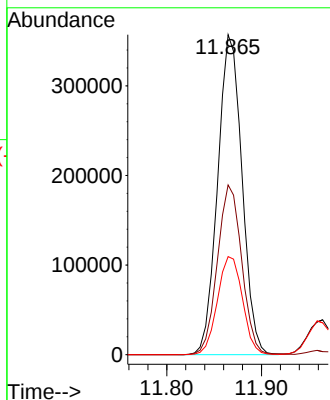
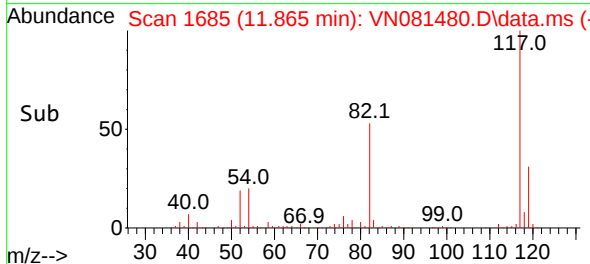
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion:117 Resp: 637509
Ion Ratio Lower Upper
117 100
82 53.1 52.7 79.1
119 30.6 25.3 37.9

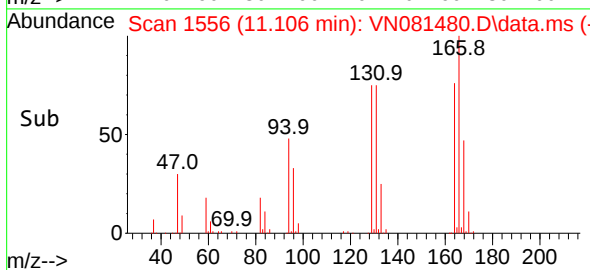
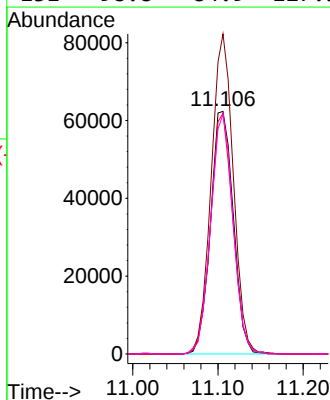
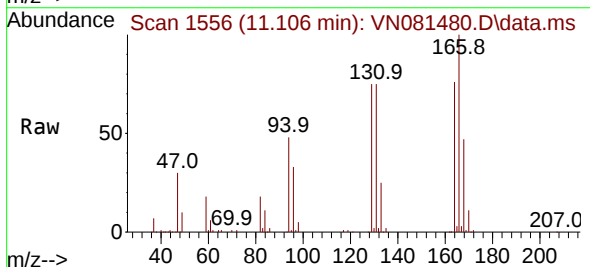
Manual Integrations
APPROVED

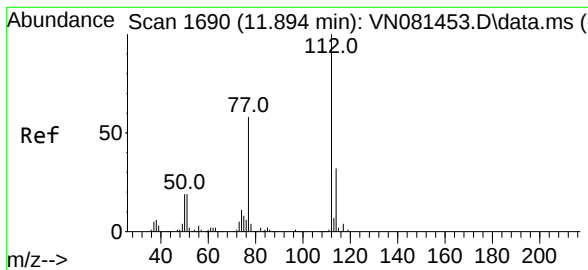
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#64
Tetrachloroethene
Concen: 19.028 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion:164 Resp: 115950
Ion Ratio Lower Upper
164 100
166 131.9 105.8 158.6
129 99.2 89.6 134.4
131 98.8 84.9 127.3





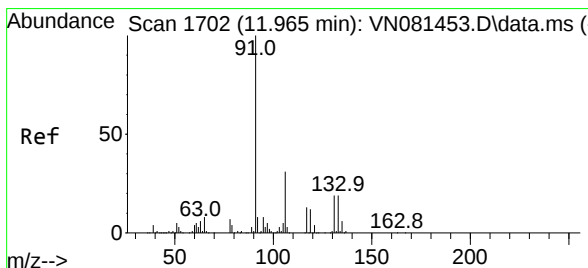
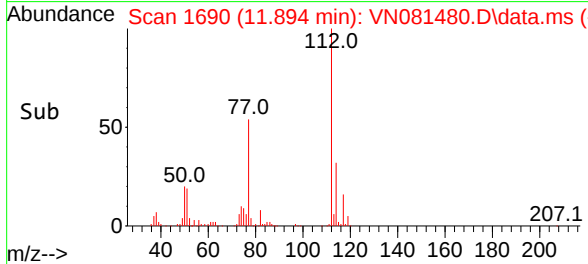
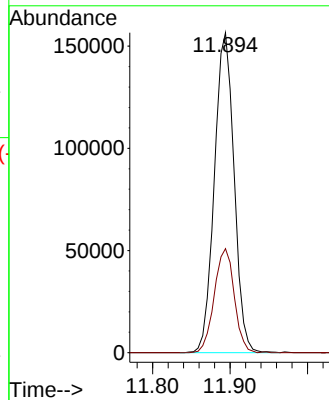
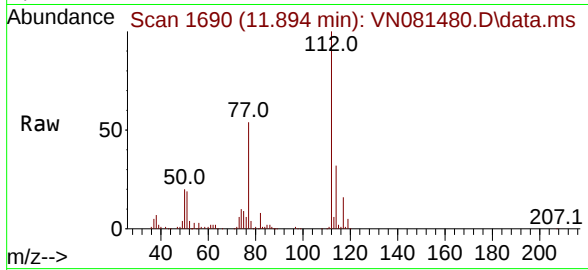
#65
Chlorobenzene
Concen: 18.341 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion:112 Resp: 276410
Ion Ratio Lower Upper
112 100
114 32.5 23.7 35.5

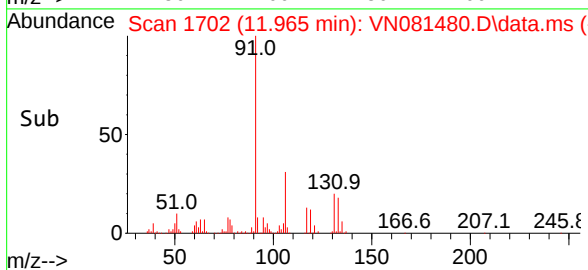
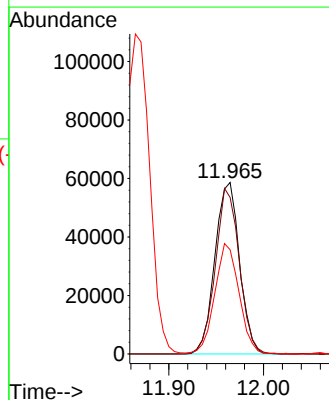
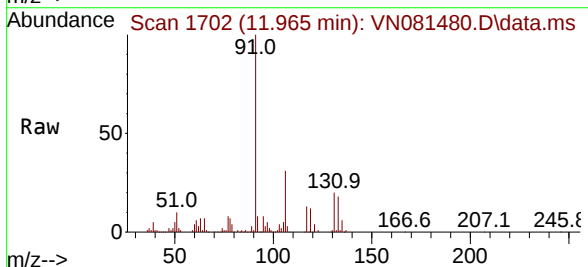
Manual Integrations
APPROVED

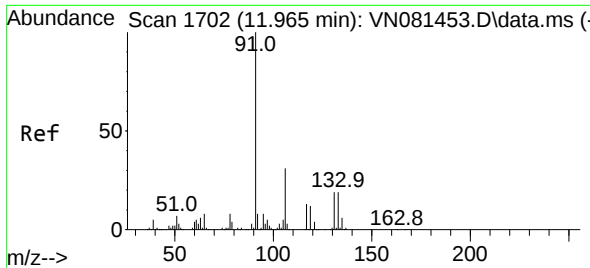
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 18.977 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion:131 Resp: 105997
Ion Ratio Lower Upper
131 100
133 94.1 46.8 140.3
119 63.6 34.6 103.9





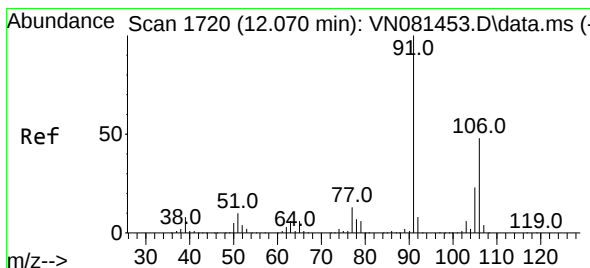
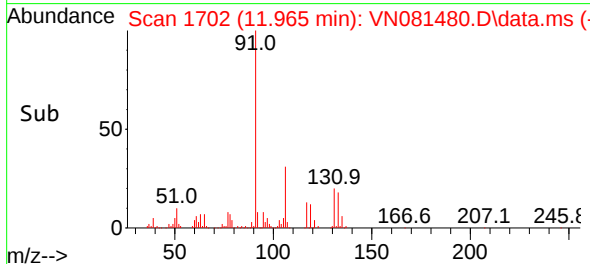
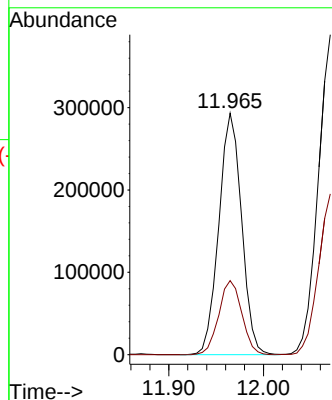
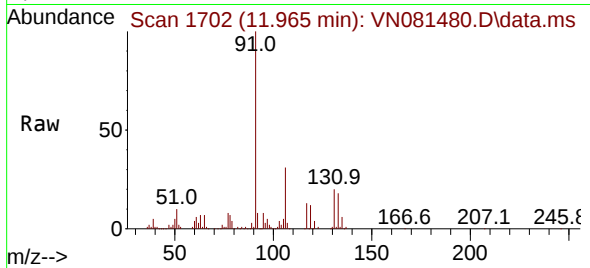
#67
Ethyl Benzene
Concen: 18.704 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 91 Resp: 489644
Ion Ratio Lower Upper
91 100
106 30.7 23.8 35.6

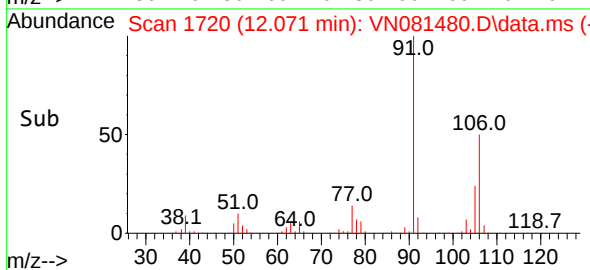
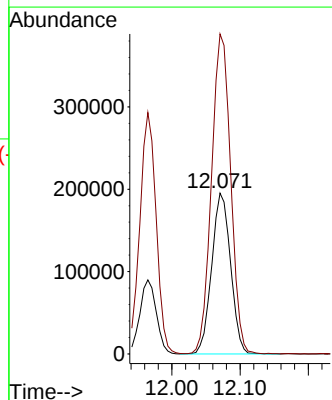
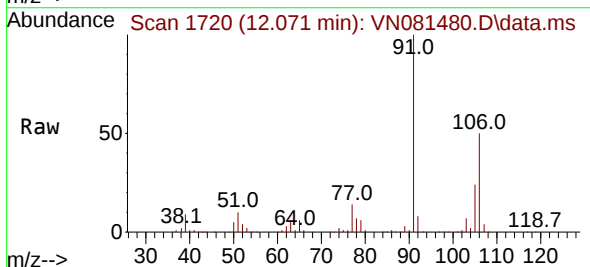
Manual Integrations
APPROVED

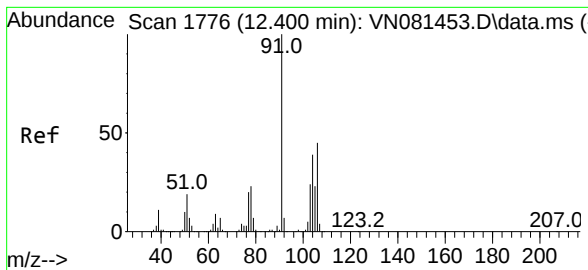
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#68
m/p-Xylenes
Concen: 38.373 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion:106 Resp: 376591
Ion Ratio Lower Upper
106 100
91 201.8 169.0 253.6





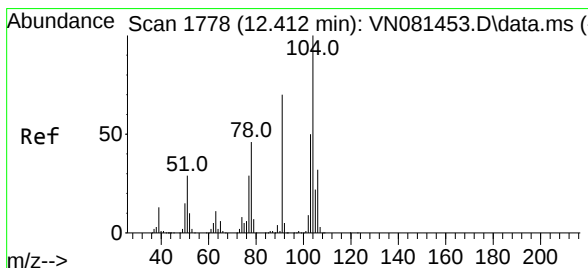
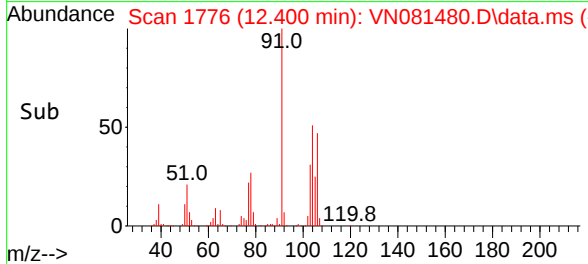
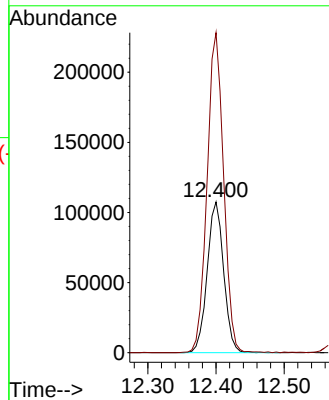
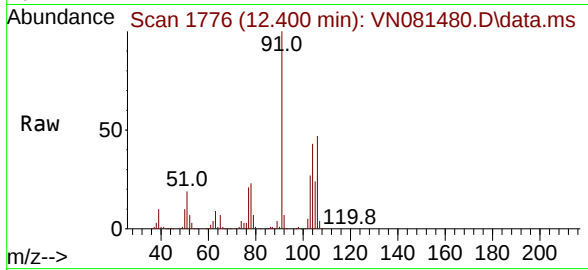
#69
o-Xylene
Concen: 18.768 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion:106 Resp: 180820
Ion Ratio Lower Upper
106 100
91 212.7 112.1 336.3

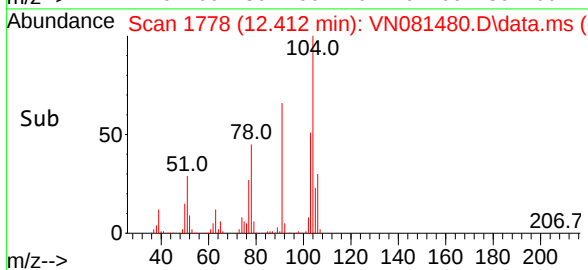
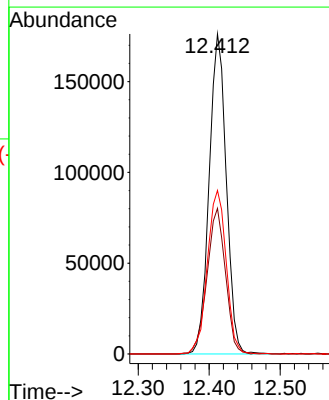
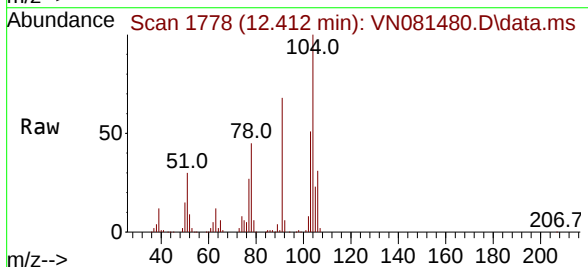
Manual Integrations
APPROVED

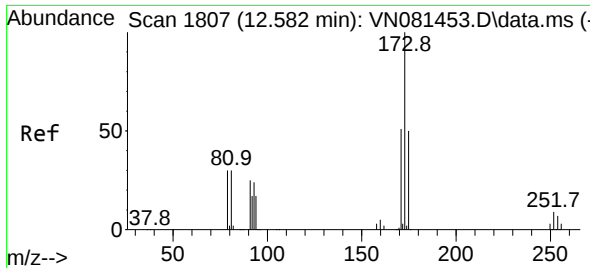
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#70
Styrene
Concen: 19.014 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Tgt Ion:104 Resp: 295453
Ion Ratio Lower Upper
104 100
78 48.9 43.8 65.8
103 56.3 44.2 66.2





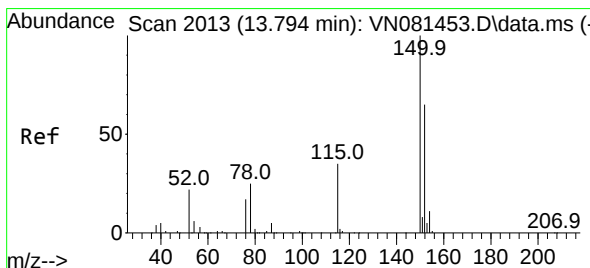
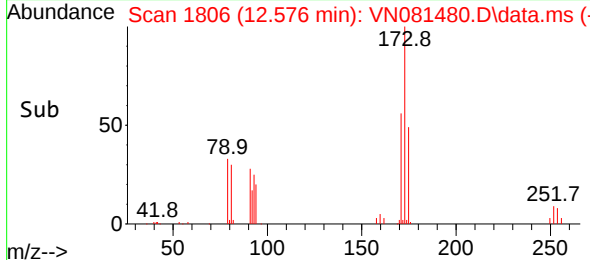
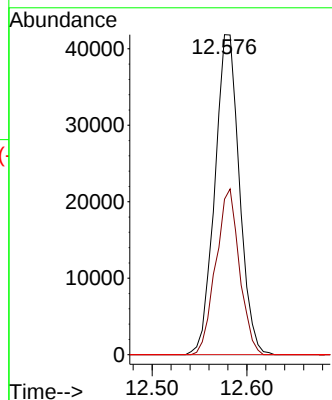
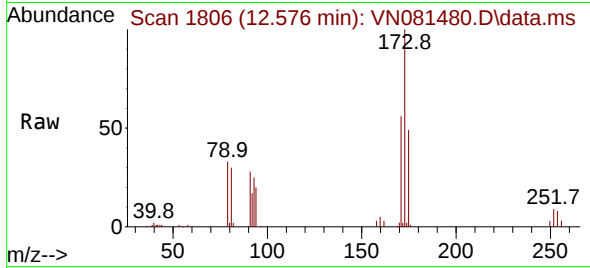
#71
Bromoform
Concen: 17.975 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion:173 Resp: 7544
Ion Ratio Lower Upper
173 100
175 49.8 23.1 69.2
254 0.0 0.0 0.0

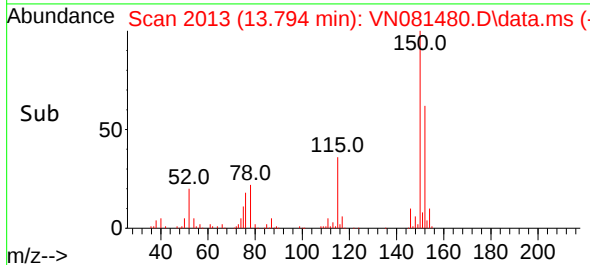
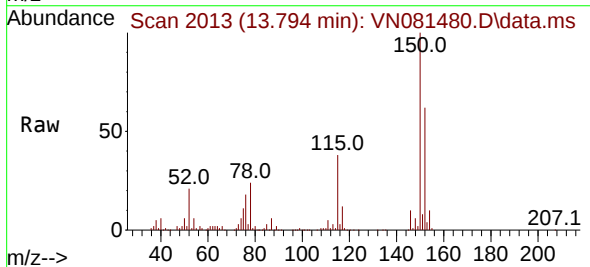
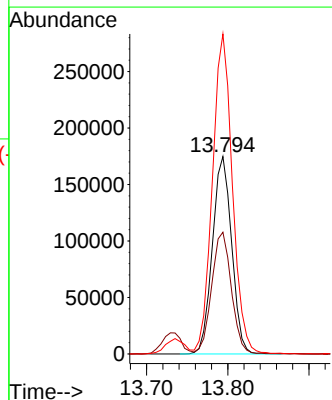
Manual Integrations
APPROVED

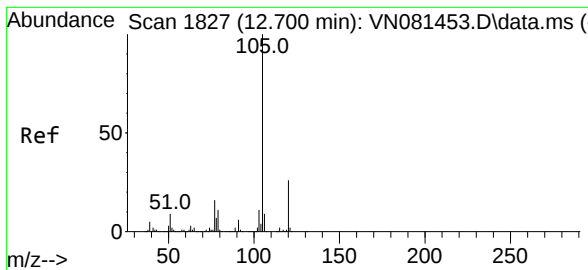
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

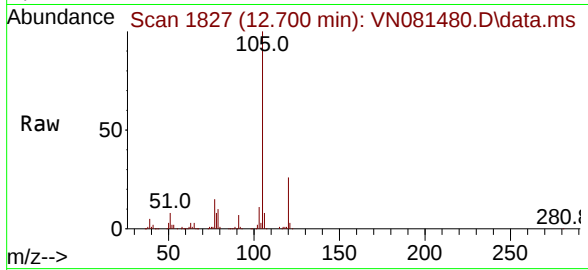
Tgt Ion:152 Resp: 288199
Ion Ratio Lower Upper
152 100
115 62.5 32.3 96.8
150 168.1 0.0 339.8





#73
Isopropylbenzene
Concen: 19.203 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

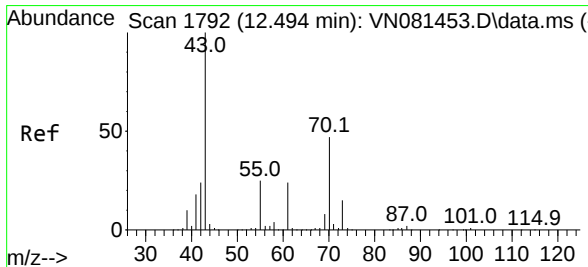
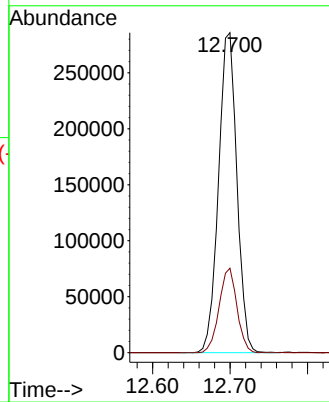
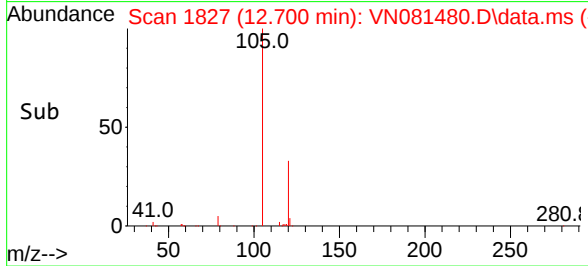
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



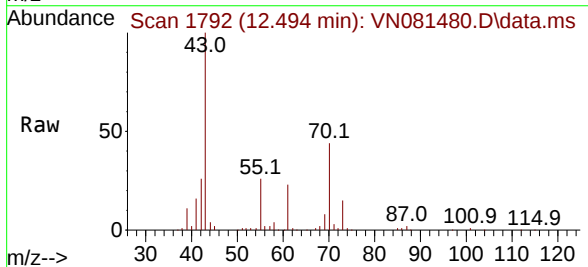
Tgt Ion:105 Resp: 471748
Ion Ratio Lower Upper
105 100
120 25.6 12.6 37.6

Manual Integrations
APPROVED

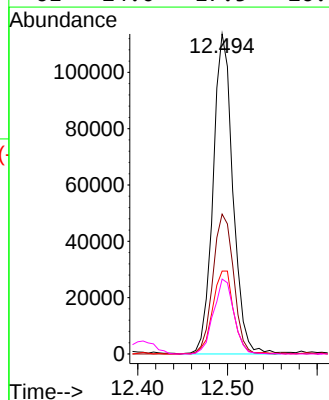
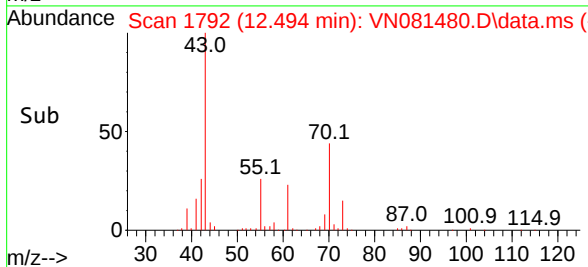
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

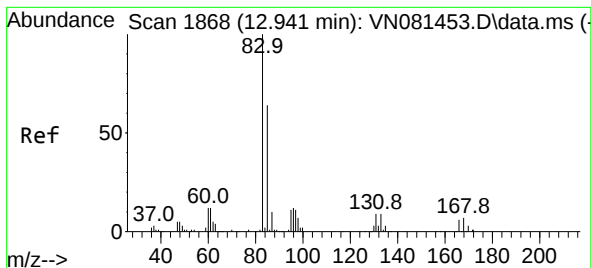


#74
N-ethyl acetate
Concen: 19.634 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



Tgt Ion: 43 Resp: 174549
Ion Ratio Lower Upper
43 100
70 45.6 30.1 45.1#
55 27.6 17.0 25.4#
61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 18.266 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

Instrument :

MSVOA_N

ClientSampleId :

VN0319MBS01

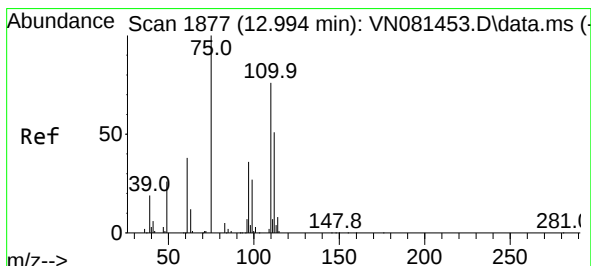
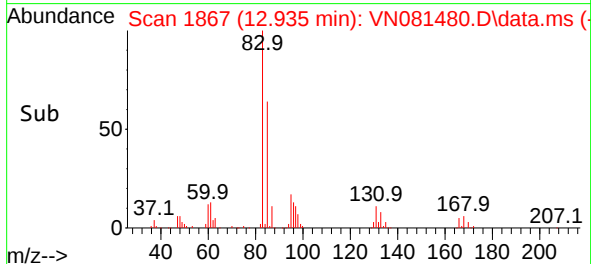
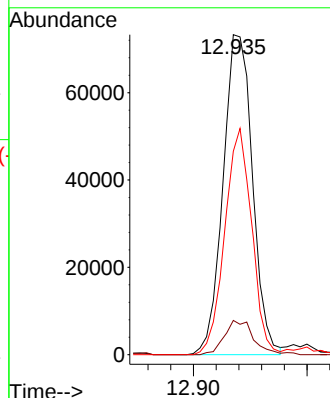
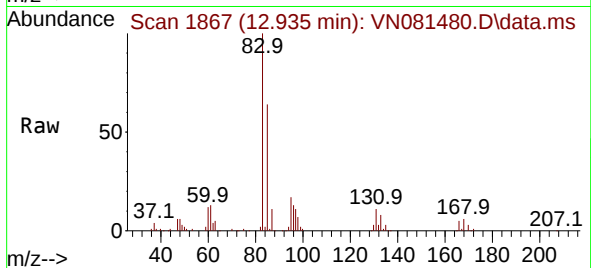
Tgt Ion:	83	Resp:	13193
Ion Ratio	Lower	Upper	
83	100		
131	10.7	4.1	12.3
85	64.7	32.1	96.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/20/2024

Supervised By :Mahesh Dadoda 03/20/2024



#76

1,2,3-Trichloropropane

Concen: 18.209 ug/l m

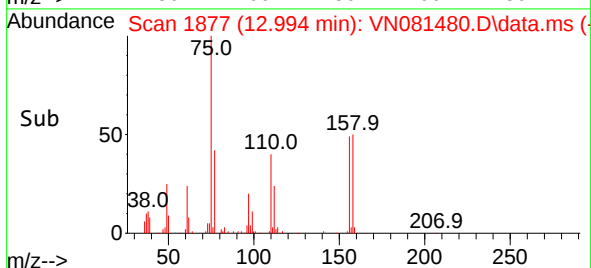
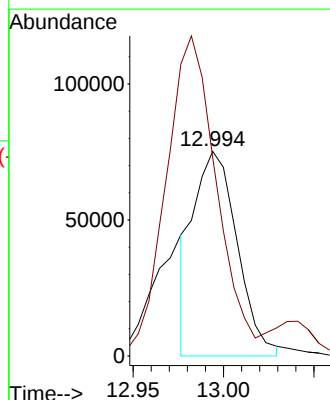
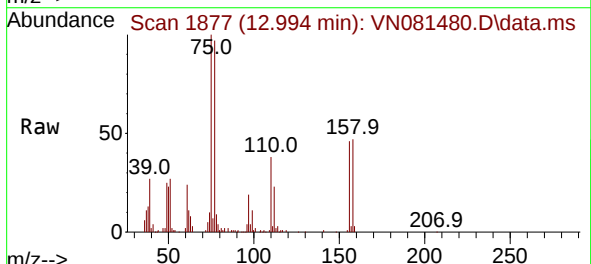
RT: 12.994 min Scan# 1877

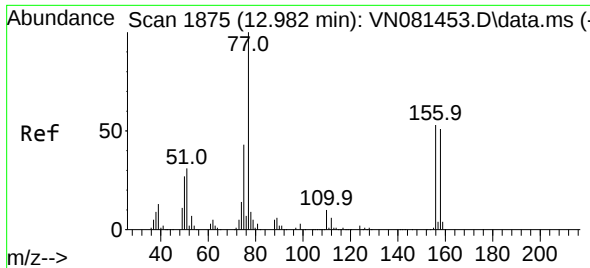
Delta R.T. 0.000 min

Lab File: VN081480.D

Acq: 19 Mar 2024 18:56

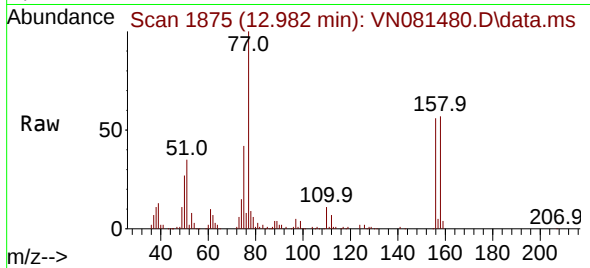
Tgt Ion:	75	Resp:	125531
Ion Ratio	Lower	Upper	
75	100		
77	182.2	91.0	272.8





#77
Bromobenzene
Concen: 18.275 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

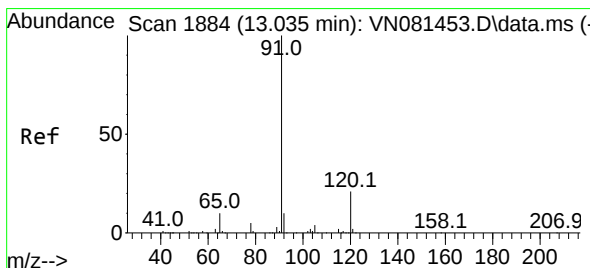
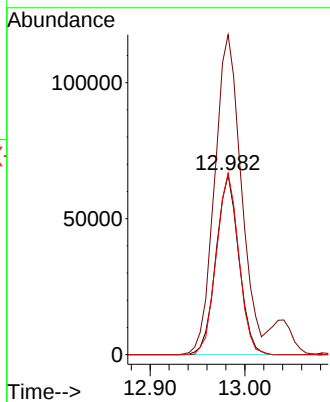
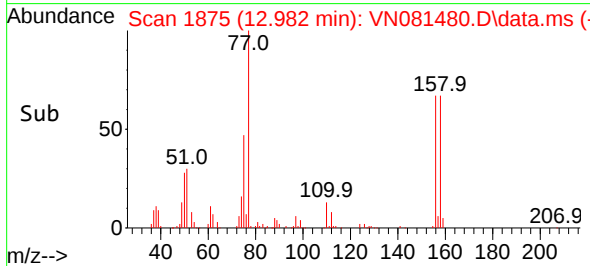
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



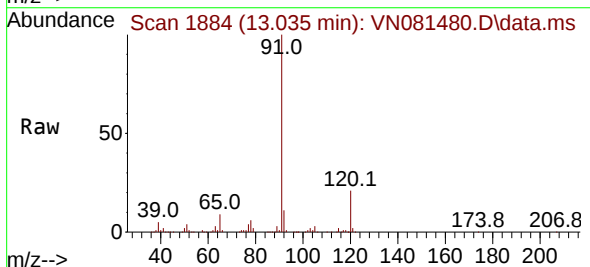
Tgt Ion:156 Resp: 11090
Ion Ratio Lower Upper
156 100
77 206.2 138.1 414.3
158 99.0 46.5 139.5

Manual Integrations
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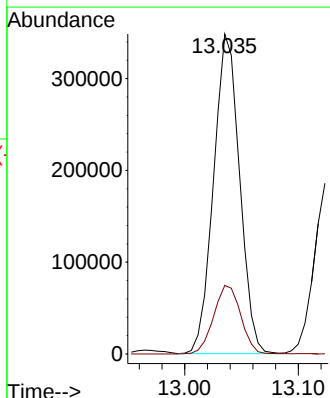
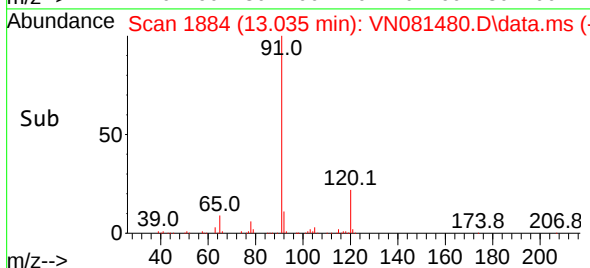
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

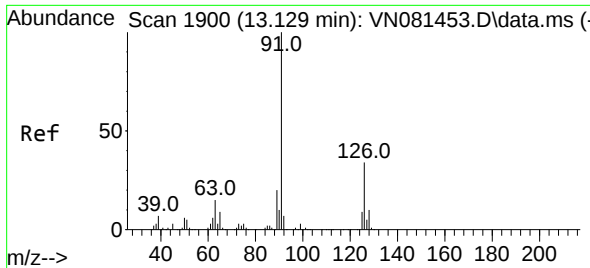


#78
n-propylbenzene
Concen: 19.094 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



Tgt Ion: 91 Resp: 553950
Ion Ratio Lower Upper
91 100
120 22.4 10.3 30.9





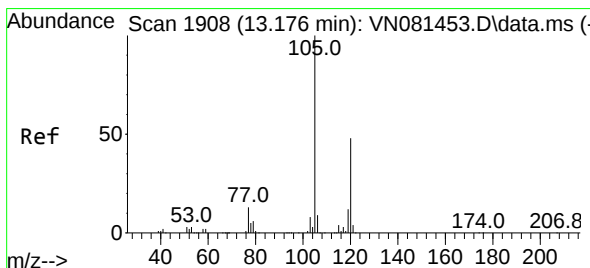
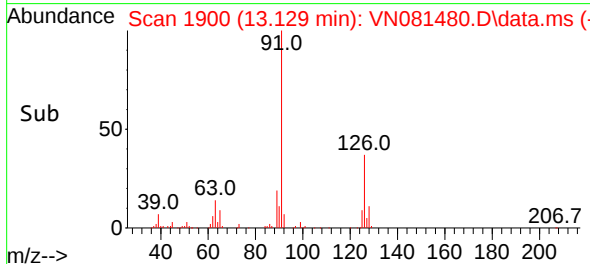
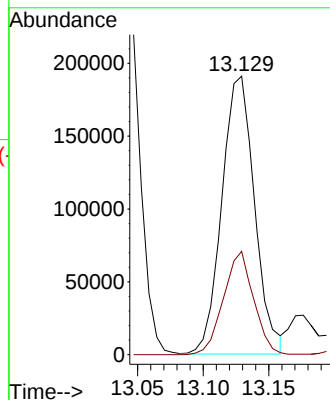
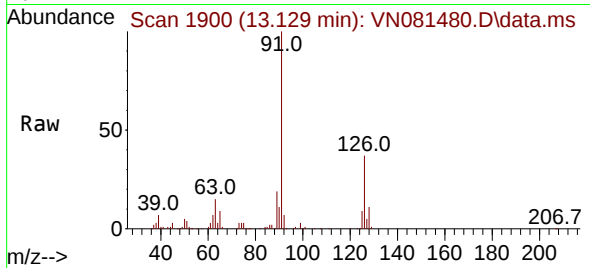
#79
2-Chlorotoluene
Concen: 19.085 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01

Tgt Ion: 91 Resp: 33139
Ion Ratio Lower Upper
91 100
126 34.3 14.8 44.4

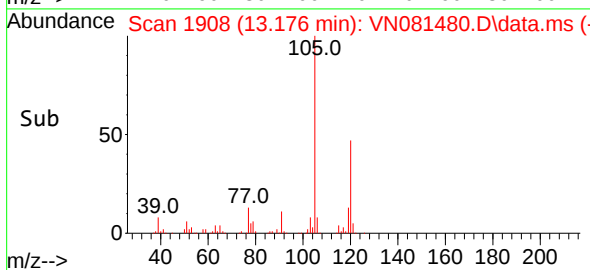
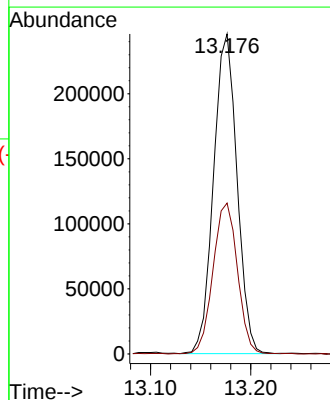
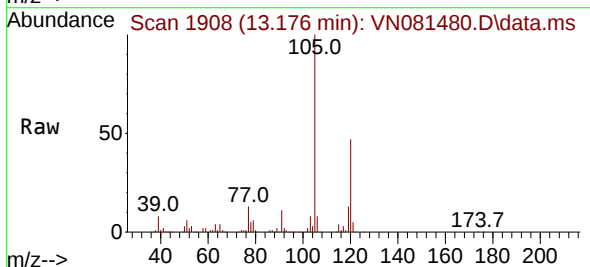
Manual Integrations
APPROVED

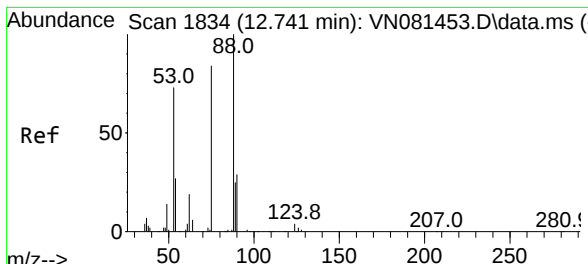
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.652 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

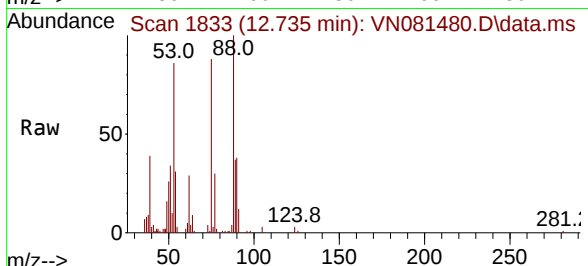
Tgt Ion:105 Resp: 398753
Ion Ratio Lower Upper
105 100
120 49.3 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.089 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

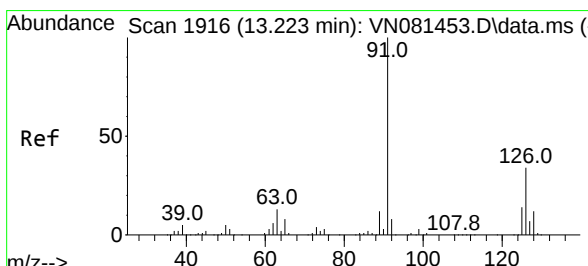
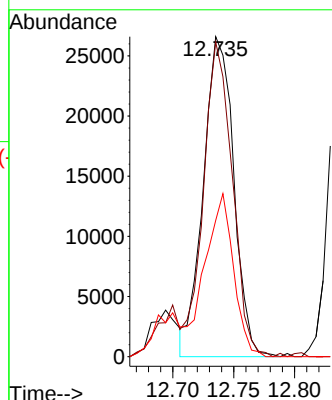
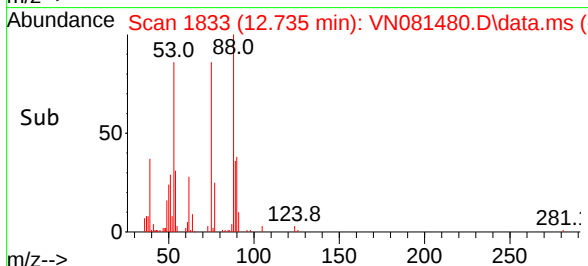
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 75 Resp: 4614
Ion Ratio Lower Upper
75 100
53 93.8 71.4 107.2
89 48.9 33.4 50.0

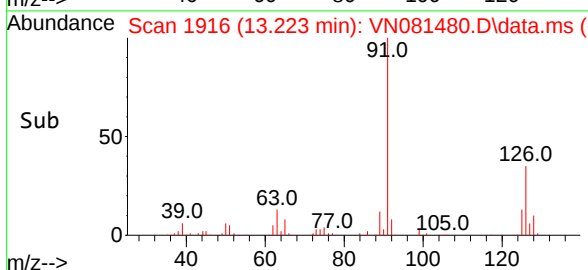
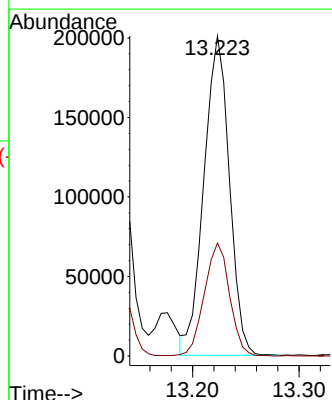
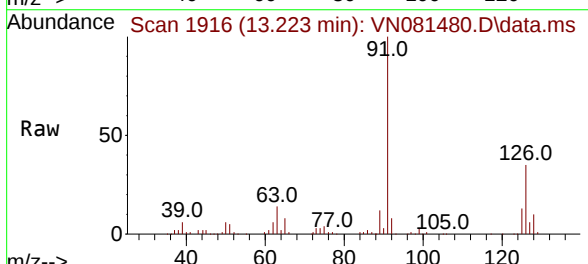
Manual Integrations
APPROVED

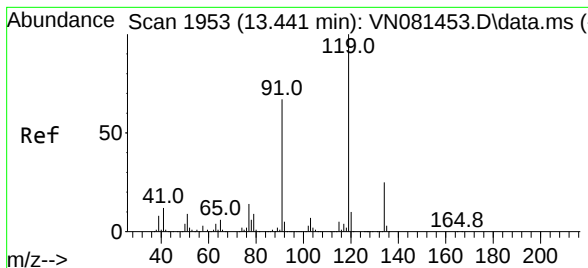
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#82
4-Chlorotoluene
Concen: 19.465 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

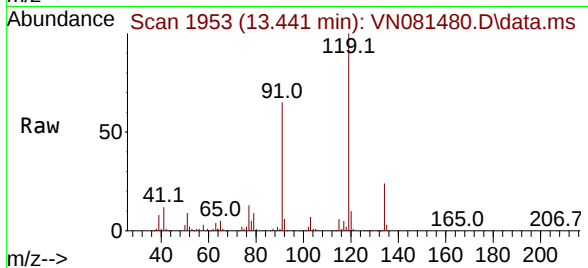
Tgt Ion: 91 Resp: 333226
Ion Ratio Lower Upper
91 100
126 35.1 15.3 45.9





#83
tert-Butylbenzene
Concen: 19.170 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

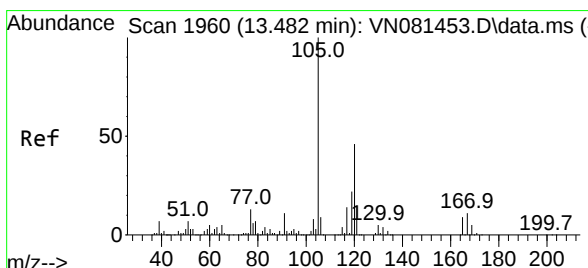
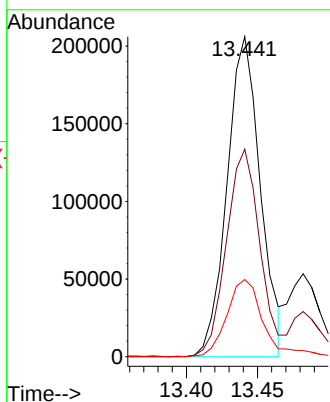
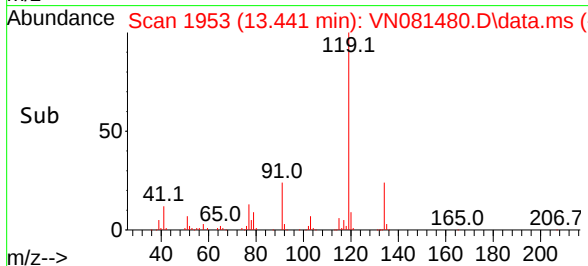
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



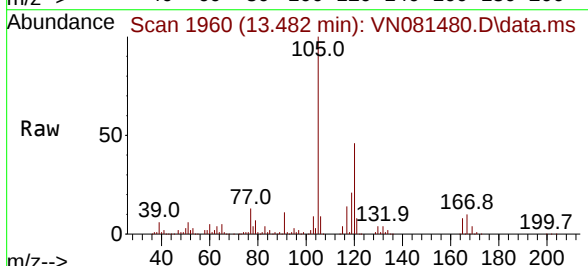
Tgt Ion:119 Resp: 335420
Ion Ratio Lower Upper
119 100
91 66.2 36.8 110.4
134 26.5 12.4 37.4

Manual Integrations
APPROVED

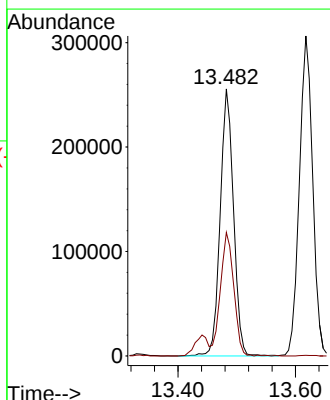
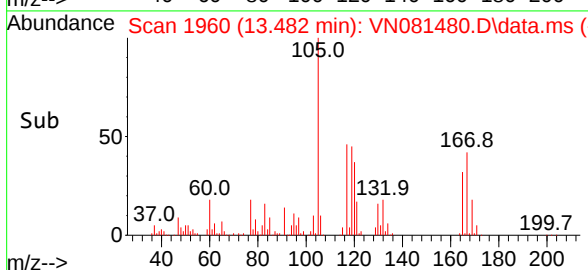
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024

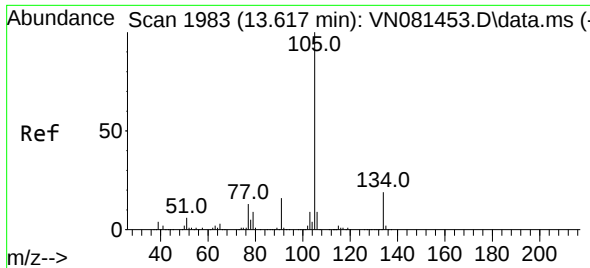


#84
1,2,4-Trimethylbenzene
Concen: 19.708 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



Tgt Ion:105 Resp: 401916
Ion Ratio Lower Upper
105 100
120 46.5 20.9 62.7





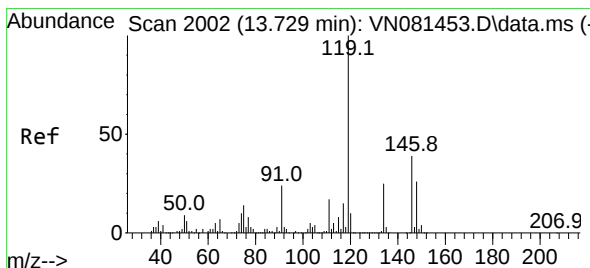
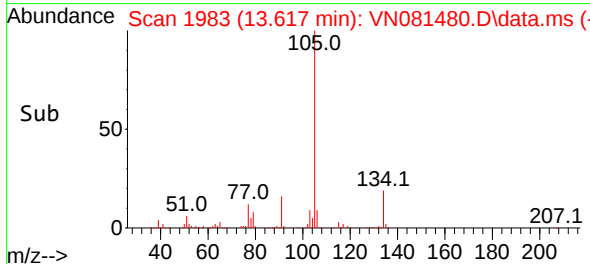
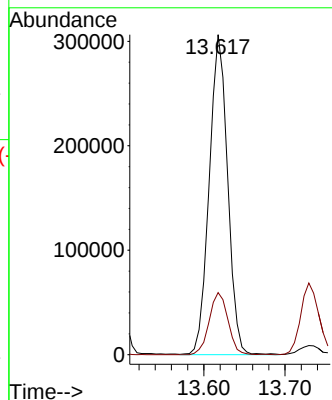
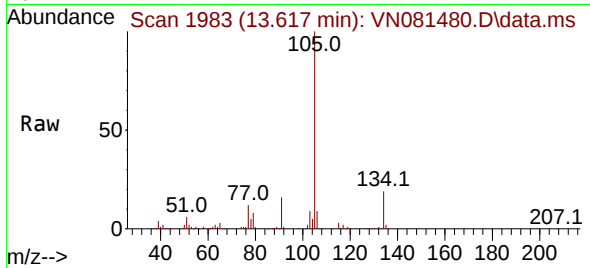
#85
 sec-Butylbenzene
 Concen: 19.275 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN081480.D
 Acq: 19 Mar 2024 18:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319MBS01

Tgt Ion:105 Resp: 482120
 Ion Ratio Lower Upper
 105 100
 134 19.8 8.6 25.8

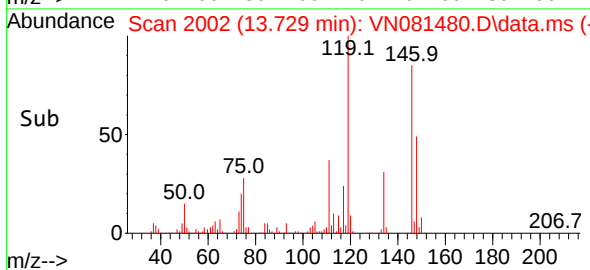
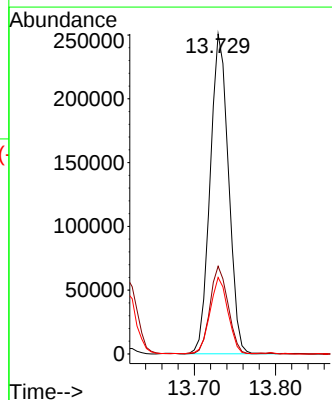
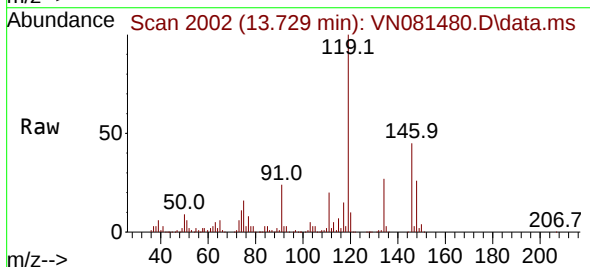
Manual Integrations
 APPROVED

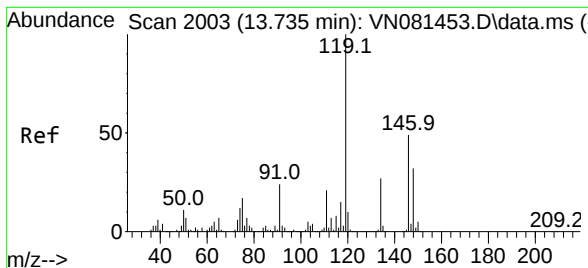
Reviewed By :John Carlone 03/20/2024
 Supervised By :Mahesh Dadoda 03/20/2024



#86
 p-Isopropyltoluene
 Concen: 19.212 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN081480.D
 Acq: 19 Mar 2024 18:56

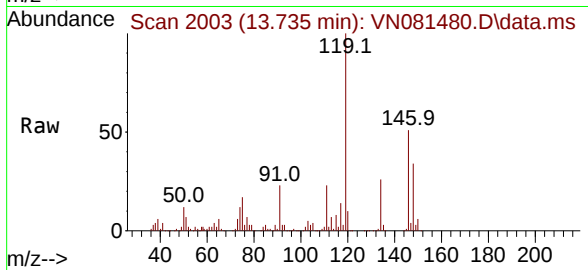
Tgt Ion:119 Resp: 392823
 Ion Ratio Lower Upper
 119 100
 134 27.1 12.4 37.2
 91 23.3 13.5 40.4





#87
1,3-Dichlorobenzene
Concen: 18.637 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

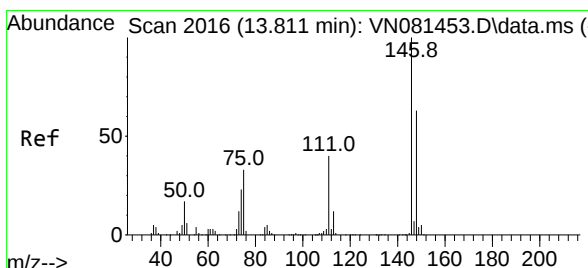
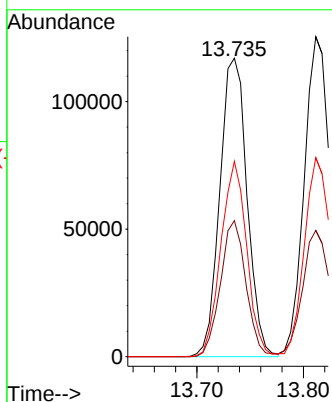
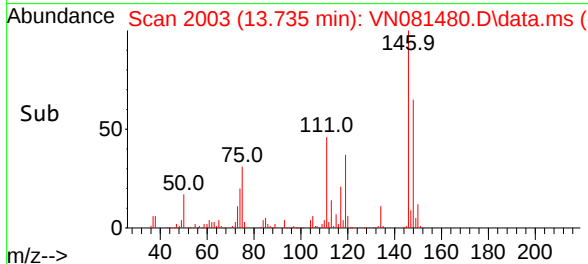
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion:146 Resp: 207804
Ion Ratio Lower Upper
146 100
111 42.8 23.9 71.7
148 61.9 32.6 97.7

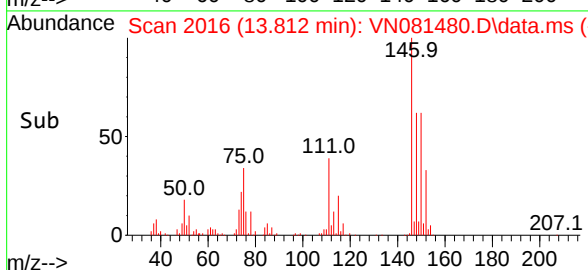
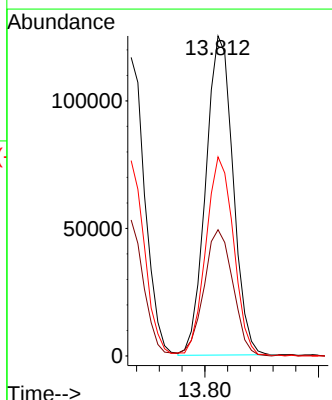
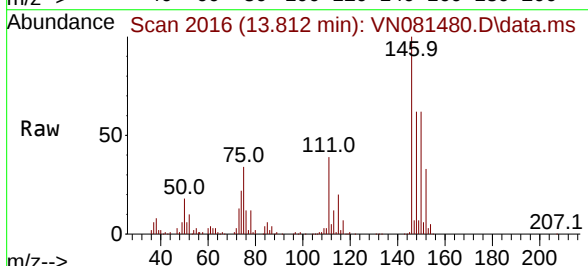
Manual Integrations
APPROVED

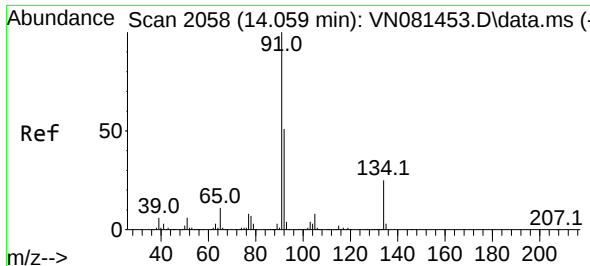
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#88
1,4-Dichlorobenzene
Concen: 18.109 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

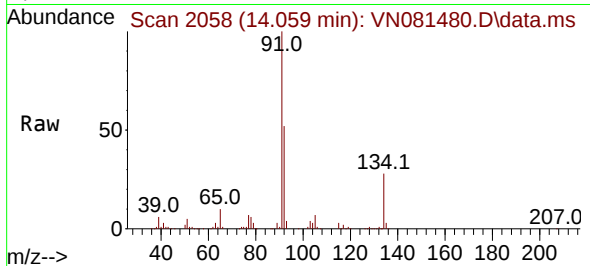
Tgt Ion:146 Resp: 209070
Ion Ratio Lower Upper
146 100
111 42.0 22.6 67.7
148 63.8 31.9 95.5





#89
n-Butylbenzene
Concen: 18.358 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

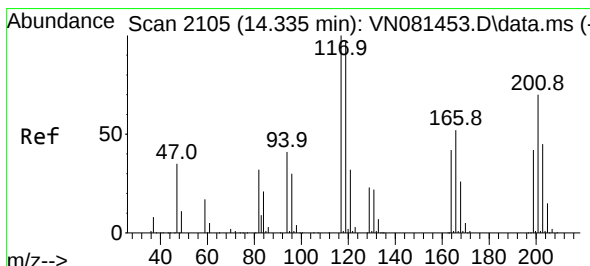
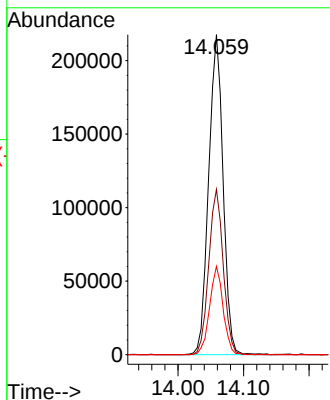
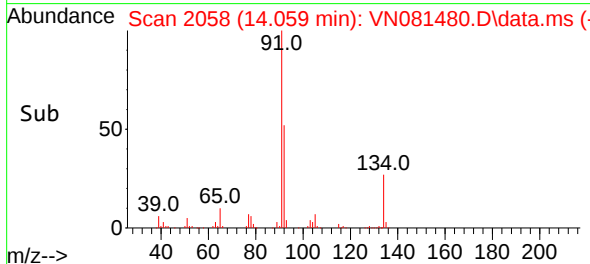
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion: 91 Resp: 332845
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.1
134 25.9 10.8 32.4

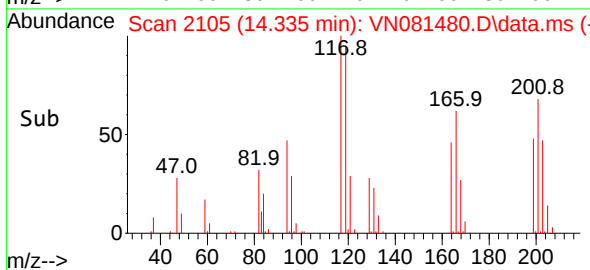
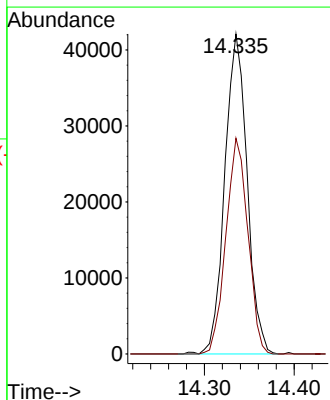
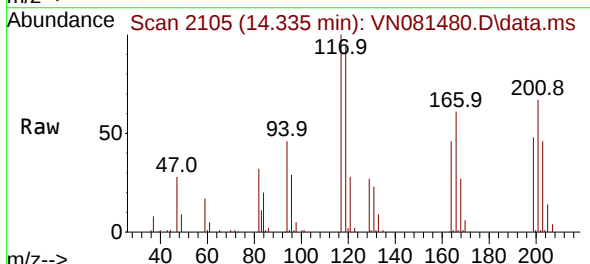
Manual Integrations
APPROVED

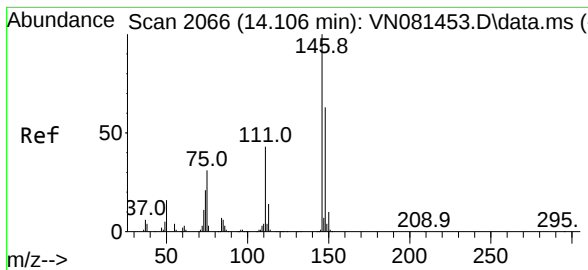
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#90
Hexachloroethane
Concen: 18.770 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

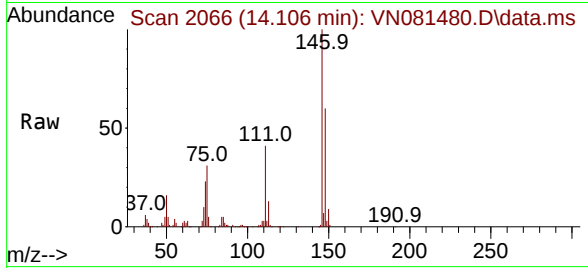
Tgt Ion:117 Resp: 72684
Ion Ratio Lower Upper
117 100
201 66.4 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 18.780 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

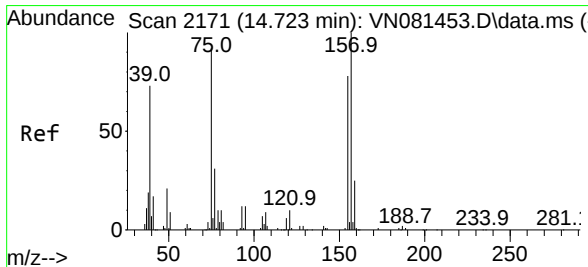
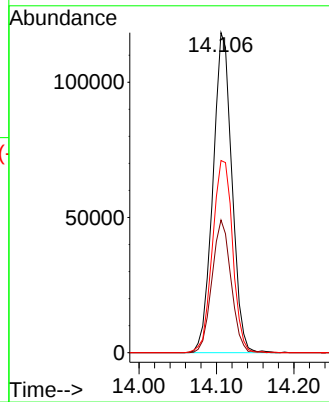
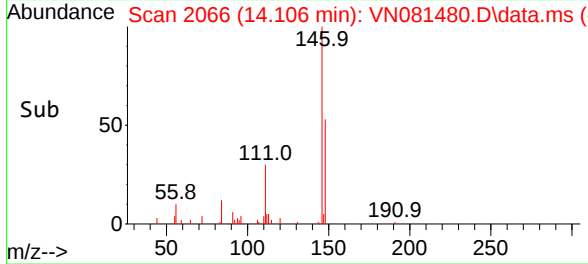
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion:146 Resp: 201534
Ion Ratio Lower Upper
146 100
111 41.6 23.9 71.8
148 63.8 31.4 94.0

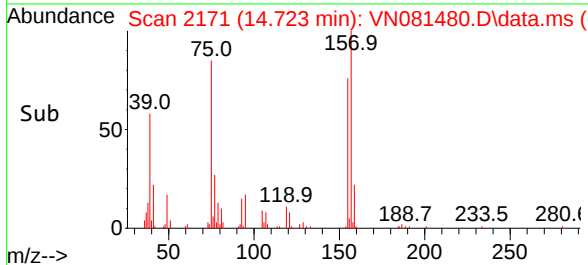
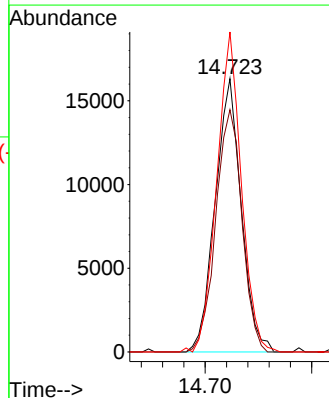
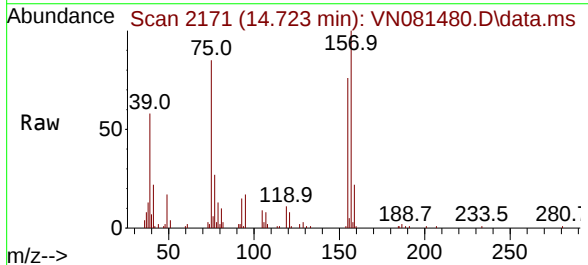
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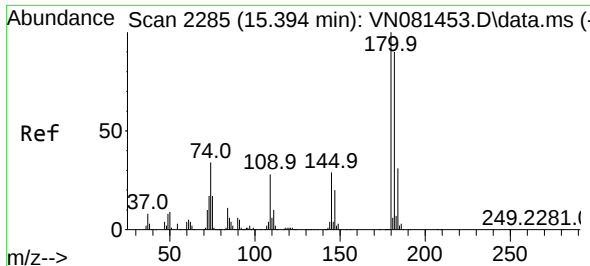
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.048 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

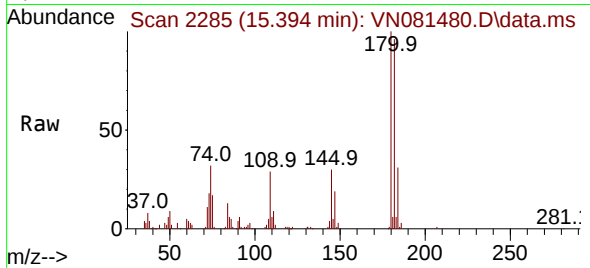
Tgt Ion: 75 Resp: 27742
Ion Ratio Lower Upper
75 100
155 89.1 31.8 95.4
157 110.2 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 17.160 ug/l
RT: 15.394 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

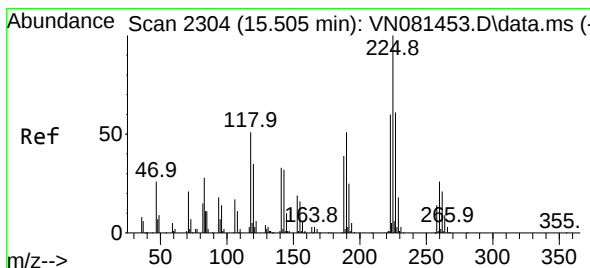
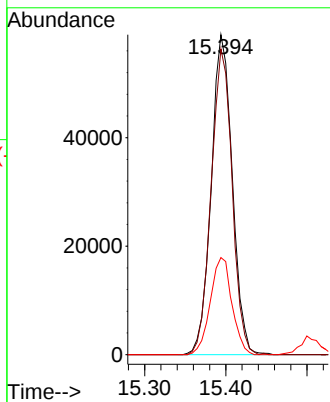
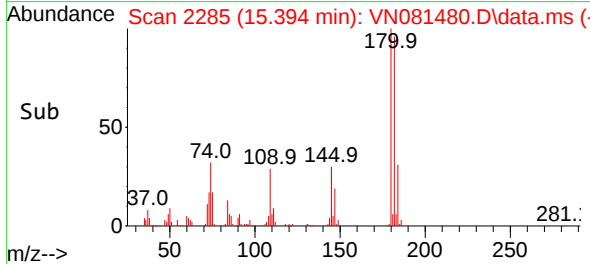
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



Tgt Ion:180 Resp: 10648
Ion Ratio Lower Upper
180 100
182 94.6 46.6 139.7
145 31.1 16.8 50.3

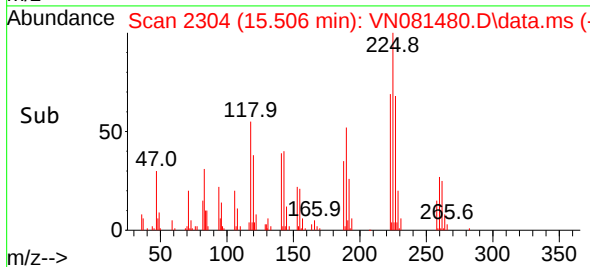
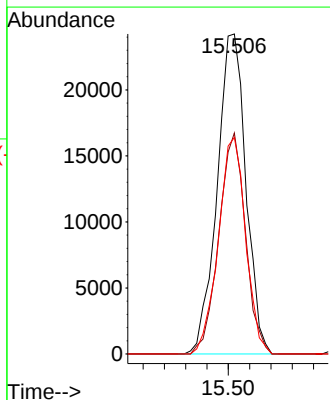
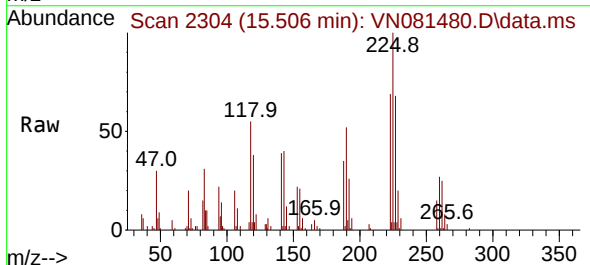
Manual Integrations
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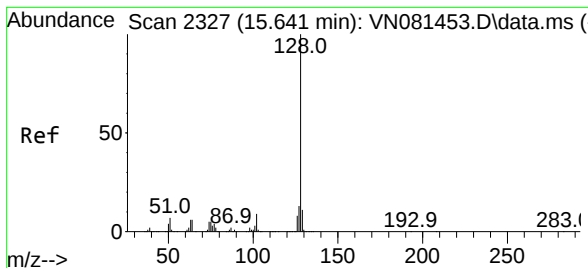
Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#94
Hexachlorobutadiene
Concen: 16.707 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

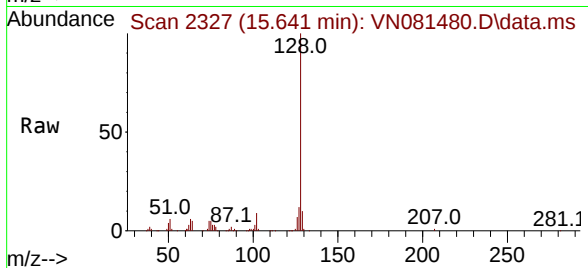
Tgt Ion:225 Resp: 45487
Ion Ratio Lower Upper
225 100
223 63.7 33.3 99.8
227 64.0 33.1 99.2





#95
Naphthalene
Concen: 17.937 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56

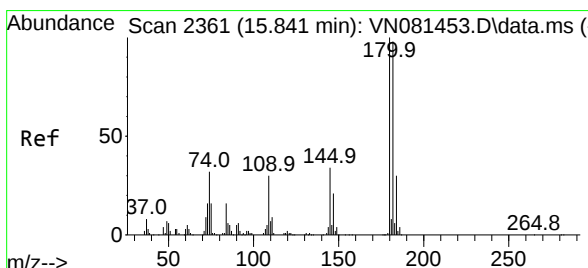
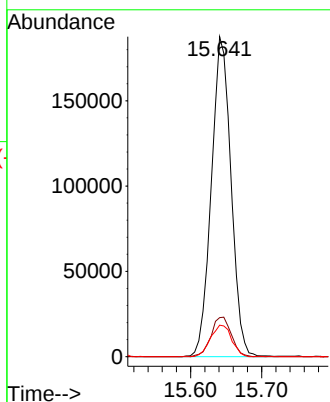
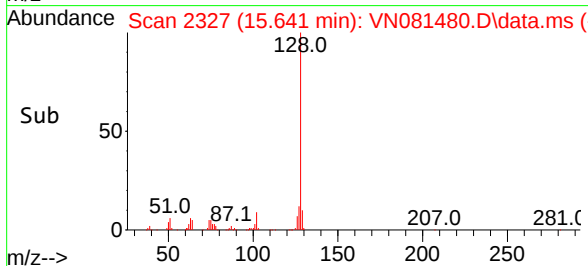
Instrument :
MSVOA_N
ClientSampleId :
VN0319MBS01



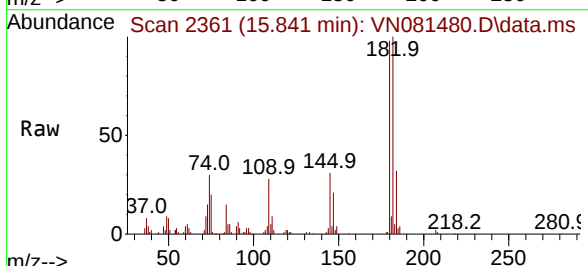
Tgt Ion:128 Resp: 360649
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/20/2024
Supervised By :Mahesh Dadoda 03/20/2024



#96
1,2,3-Trichlorobenzene
Concen: 17.643 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN081480.D
Acq: 19 Mar 2024 18:56



Tgt Ion:180 Resp: 110118
Ion Ratio Lower Upper
180 100
182 97.3 46.5 139.3
145 32.0 17.8 53.4

