

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032524\
 Data File : VN081554.D
 Acq On : 25 Mar 2024 12:08
 Operator : JC\MD
 Sample : VN0325WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/26/2024
 Supervised By : Mahesh Dadoda 03/26/2024

Quant Time: Mar 26 01:16:48 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	366438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	643308	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	566136	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268692	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	247696	53.005	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.020%			
35) Dibromofluoromethane	8.165	113	213290	52.535	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.080%			
50) Toluene-d8	10.565	98	756091	51.518	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.040%			
62) 4-Bromofluorobenzene	12.847	95	263700	50.993	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 101.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83903	17.005	ug/l	91
3) Chloromethane	2.359	50	85351	17.374	ug/l	96
4) Vinyl Chloride	2.518	62	97055	17.604	ug/l	91
5) Bromomethane	2.965	94	71025	18.216	ug/l	93
6) Chloroethane	3.130	64	66174	17.481	ug/l	96
7) Trichlorofluoromethane	3.500	101	155948	18.979	ug/l	91
8) Diethyl Ether	3.959	74	55050	20.244	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	88523	18.961	ug/l #	89
10) Methyl Iodide	4.594	142	86728	18.654	ug/l	94
11) Tert butyl alcohol	5.518	59	74097	90.988	ug/l	98
12) 1,1-Dichloroethene	4.347	96	83667	19.347	ug/l #	78
13) Acrolein	4.177	56	89167	122.021	ug/l	99
14) Allyl chloride	5.024	41	101544	18.739	ug/l #	83
15) Acrylonitrile	5.718	53	200014	91.807	ug/l	99
16) Acetone	4.424	43	129419	85.696	ug/l	91
17) Carbon Disulfide	4.718	76	212635	17.134	ug/l	97
18) Methyl Acetate	5.018	43	94528	20.302	ug/l #	85
19) Methyl tert-butyl Ether	5.794	73	273276	20.192	ug/l	92
20) Methylene Chloride	5.277	84	94202	19.042	ug/l	88
21) trans-1,2-Dichloroethene	5.794	96	91936	19.067	ug/l #	79
22) Diisopropyl ether	6.671	45	262981	20.886	ug/l #	94
23) Vinyl Acetate	6.606	43	980011	97.784	ug/l #	91
24) 1,1-Dichloroethane	6.571	63	162559	19.276	ug/l	94
25) 2-Butanone	7.482	43	227369	87.776	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	147327	20.142	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	109075	19.993	ug/l	84
28) Bromochloromethane	7.812	49	65226	18.989	ug/l #	55
29) Tetrahydrofuran	7.835	42	152637	87.470	ug/l #	78
30) Chloroform	7.959	83	178424	19.763	ug/l	99
31) Cyclohexane	8.253	56	140912	18.531	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	158219	19.317	ug/l	88
36) 1,1-Dichloropropene	8.371	75	126650	18.537	ug/l	95
37) Ethyl Acetate	7.559	43	101059	17.273	ug/l	97
38) Carbon Tetrachloride	8.365	117	140389	18.757	ug/l	91
39) Methylcyclohexane	9.600	83	138127	18.103	ug/l	90
40) Benzene	8.606	78	380352	19.041	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	51985	16.802	ug/l #	88
42) 1,2-Dichloroethane	8.665	62	132888	18.904	ug/l	97
43) Isopropyl Acetate	8.688	43	173438	17.884	ug/l #	92
44) Trichloroethene	9.347	130	105603	18.797	ug/l	88
45) 1,2-Dichloropropane	9.624	63	93401	19.294	ug/l	96
46) Dibromomethane	9.706	93	71131	19.348	ug/l #	87
47) Bromodichloromethane	9.888	83	139099	19.352	ug/l #	94
48) Methyl methacrylate	9.682	41	75533	16.886	ug/l #	80
49) 1,4-Dioxane	9.700	88	34298	319.066	ug/l #	67
51) 4-Methyl-2-Pentanone	10.447	43	510133	86.206	ug/l	92
52) Toluene	10.629	92	241095	18.990	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	147208	18.966	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	155533	18.690	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	97156	19.015	ug/l #	90
56) Ethyl methacrylate	10.876	69	127371	18.269	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	160532	19.166	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	344928	107.289	ug/l #	86
59) 2-Hexanone	11.194	43	366618	83.796	ug/l	91
60) Dibromochloromethane	11.359	129	103886	18.488	ug/l	100
61) 1,2-Dibromoethane	11.470	107	97785	18.772	ug/l	99
64) Tetrachloroethene	11.100	164	109124	20.165	ug/l	90
65) Chlorobenzene	11.888	112	256942	19.198	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	94794	19.111	ug/l	97
67) Ethyl Benzene	11.965	91	444534	19.121	ug/l	94
68) m/p-Xylenes	12.070	106	350570	40.225	ug/l	92
69) o-Xylene	12.400	106	165743	19.371	ug/l	96
70) Styrene	12.412	104	269119	19.502	ug/l	95
71) Bromoform	12.582	173	66144	17.745	ug/l #	96
73) Isopropylbenzene	12.694	105	435609	19.019	ug/l	97
74) N-amyl acetate	12.494	43	144563	17.441	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.935	83	118046	17.530	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	110187m	17.144	ug/l	
77) Bromobenzene	12.976	156	103633	18.317	ug/l	70
78) n-propylbenzene	13.035	91	518530	19.171	ug/l	95
79) 2-Chlorotoluene	13.123	91	305942	18.899	ug/l	90
80) 1,3,5-Trimethylbenzene	13.176	105	364859	19.287	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.735	75	44804	18.838	ug/l	98
82) 4-Chlorotoluene	13.223	91	309374	19.384	ug/l	95
83) tert-Butylbenzene	13.441	119	311202	19.077	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	364824	19.188	ug/l	93
85) sec-Butylbenzene	13.617	105	447097	19.172	ug/l	92
86) p-Isopropyltoluene	13.729	119	373752	19.606	ug/l	95
87) 1,3-Dichlorobenzene	13.729	146	198443	19.090	ug/l	94
88) 1,4-Dichlorobenzene	13.811	146	200833	18.658	ug/l	97
89) n-Butylbenzene	14.053	91	319453	18.899	ug/l	96
90) Hexachloroethane	14.335	117	67754	18.767	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	198770	19.867	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26430	18.442	ug/l	82
93) 1,2,4-Trichlorobenzene	15.394	180	105274	18.197	ug/l	97
94) Hexachlorobutadiene	15.500	225	45969	18.110	ug/l	96
95) Naphthalene	15.641	128	340589	18.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	107115	18.408	ug/l	96

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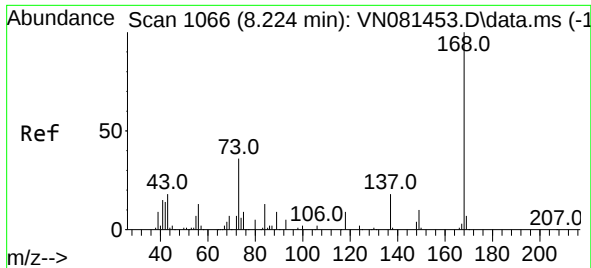
Manual Integrations
APPROVED

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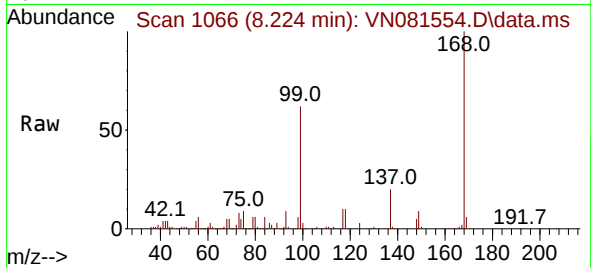
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

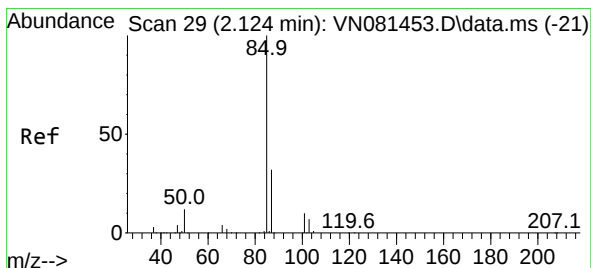
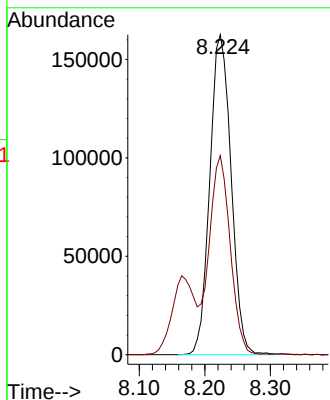
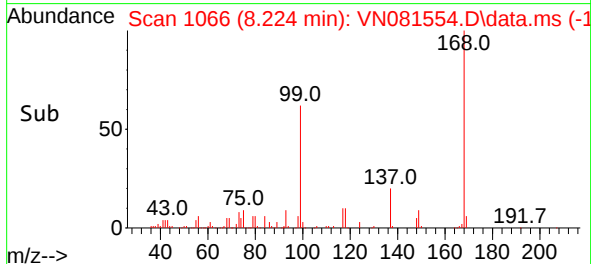
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:168 Resp: 366438
Ion Ratio Lower Upper
168 100
99 62.0 59.9 89.9

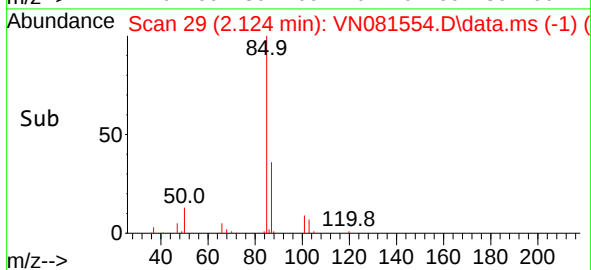
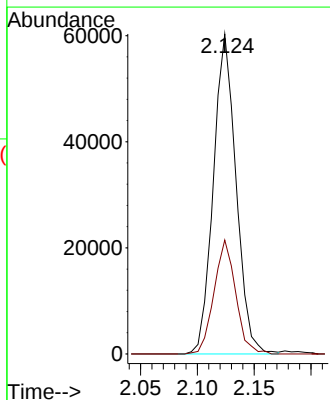
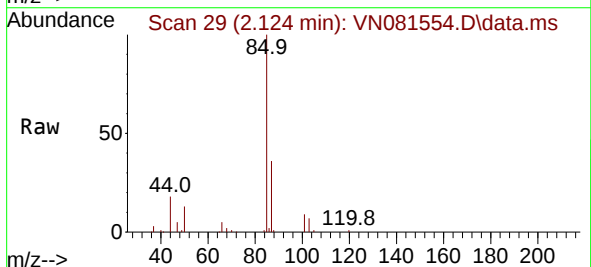
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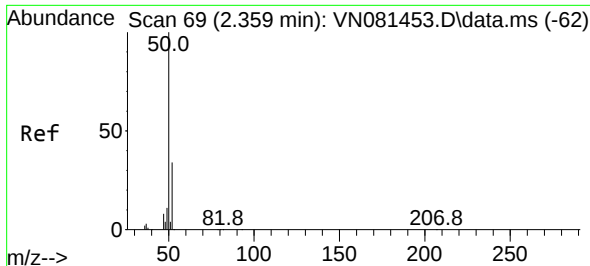
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#2
Dichlorodifluoromethane
Concen: 17.005 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

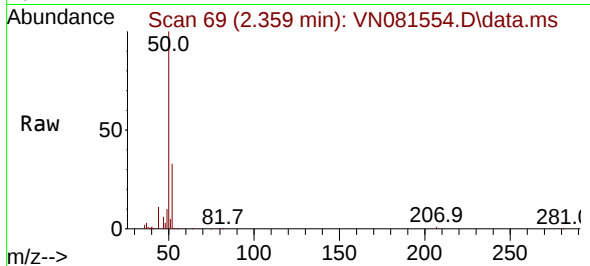
Tgt Ion: 85 Resp: 83903
Ion Ratio Lower Upper
85 100
87 35.6 15.3 45.9





#3
Chloromethane
Concen: 17.374 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

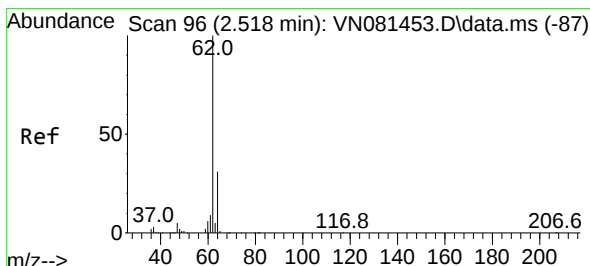
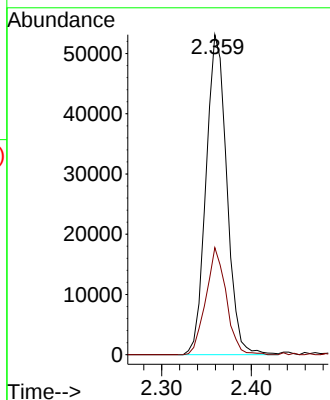
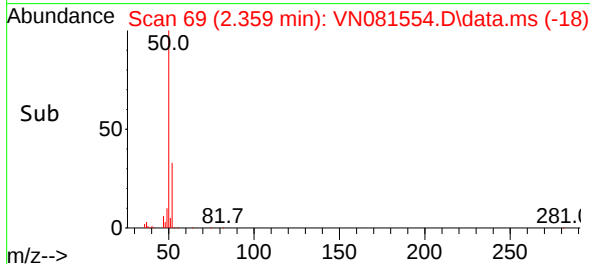
Instrument :
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Tgt Ion: 50 Resp: 8535
Ion Ratio Lower Upper
50 100
52 33.5 25.0 37.4

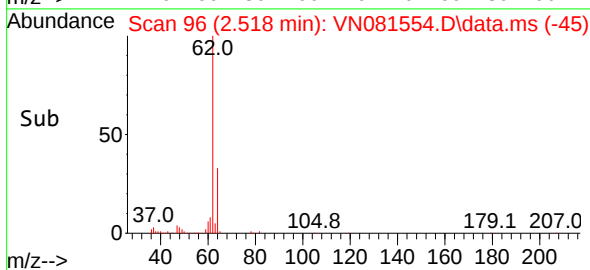
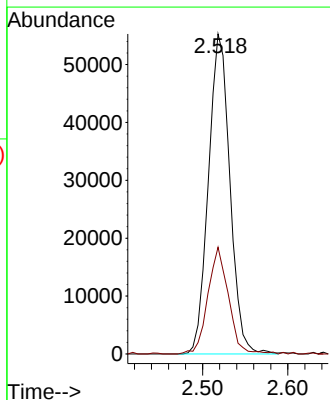
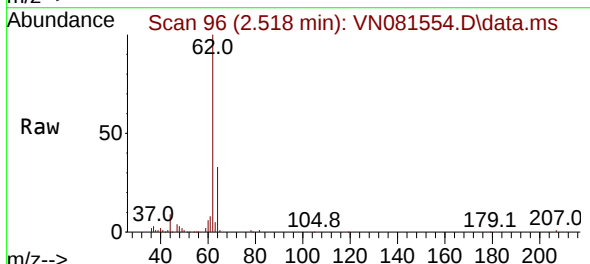
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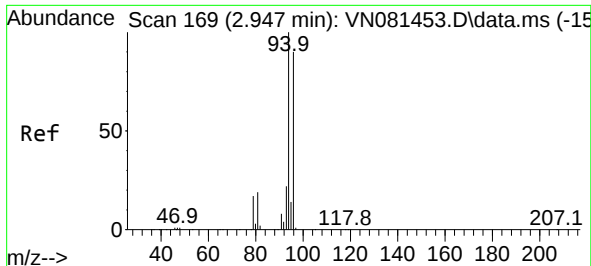
Reviewed By :John Carlone 03/26/2024
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#4
Vinyl Chloride
Concen: 17.604 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 62 Resp: 97055
Ion Ratio Lower Upper
62 100
64 33.4 22.7 34.1





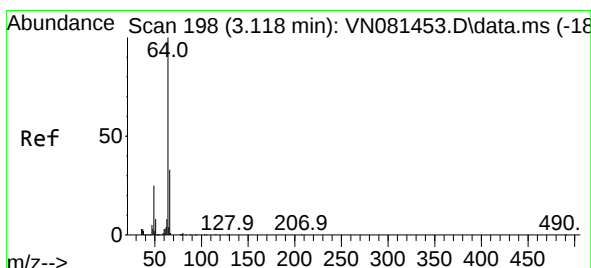
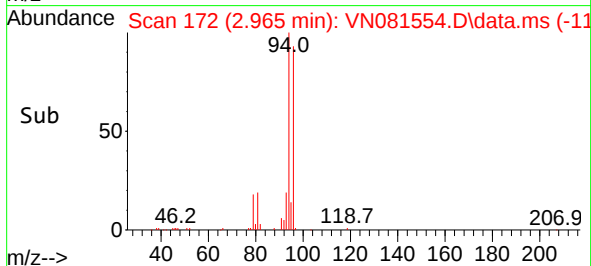
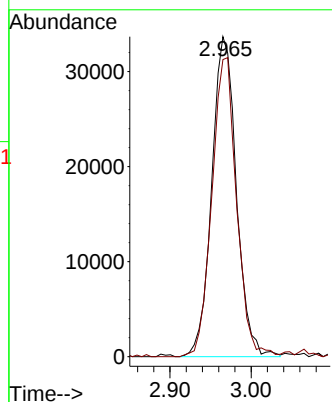
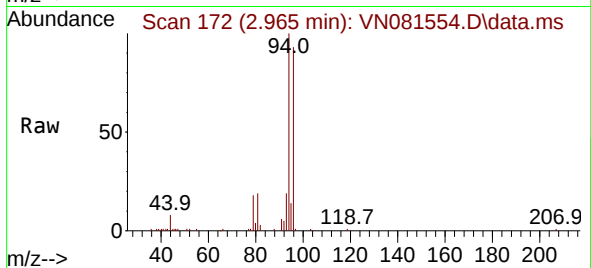
#5
Bromomethane
Concen: 18.216 ug/l
RT: 2.965 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
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Tgt Ion: 94 Resp: 7102
Ion Ratio Lower Upper
94 100
96 92.9 69.2 103.8

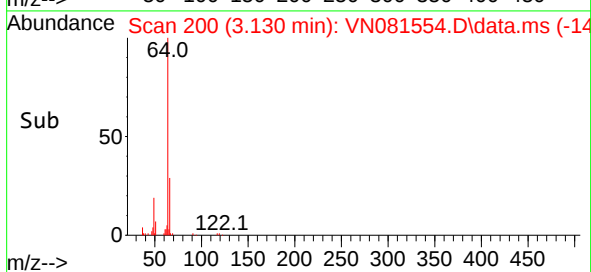
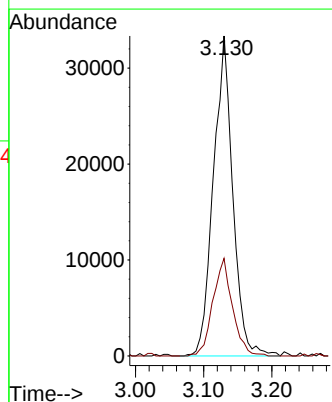
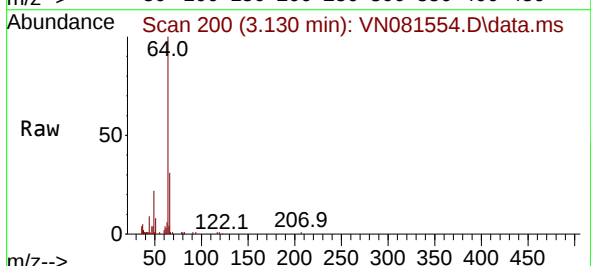
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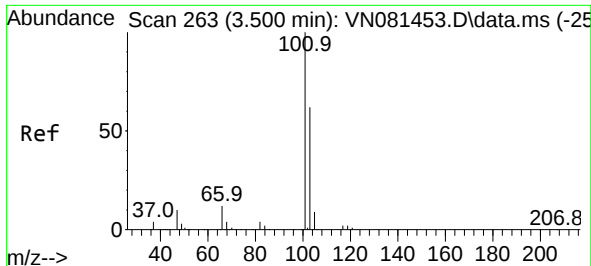
Reviewed By :John Carlone 03/26/2024
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#6
Chloroethane
Concen: 17.481 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

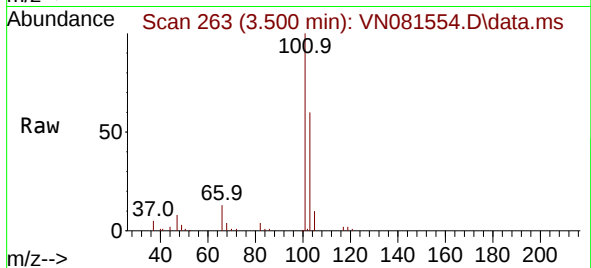
Tgt Ion: 64 Resp: 66174
Ion Ratio Lower Upper
64 100
66 30.5 26.4 39.6





#7
 Trichlorofluoromethane
 Concen: 18.979 ug/l
 RT: 3.500 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN081554.D
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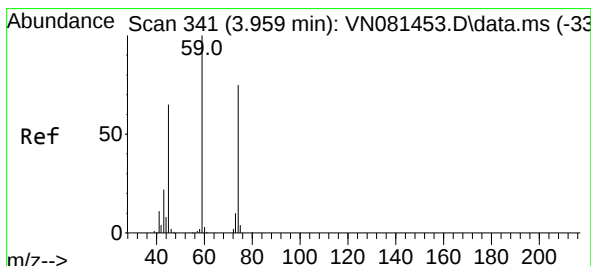
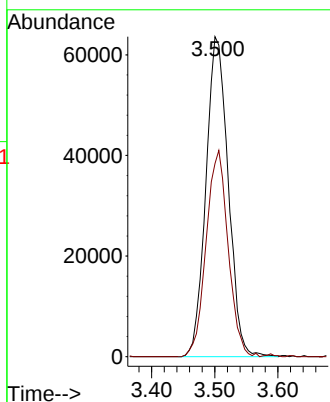
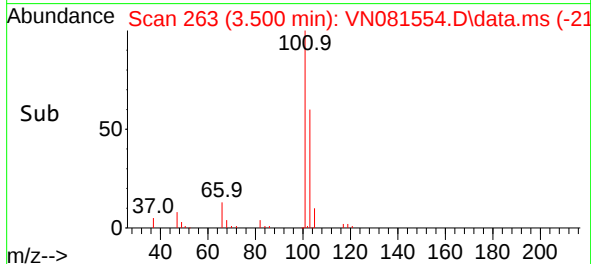
Instrument :
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Tgt Ion:101 Resp: 155948
 Ion Ratio Lower Upper
 101 100
 103 60.3 54.4 81.6

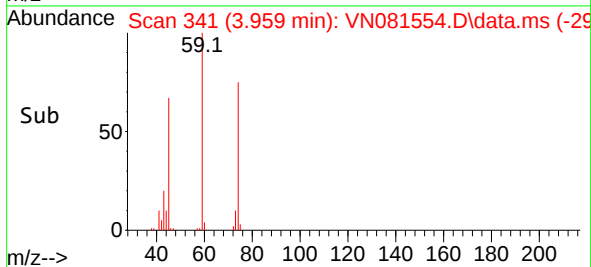
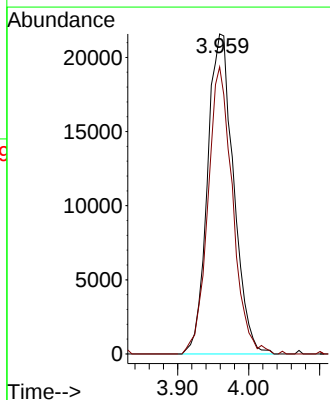
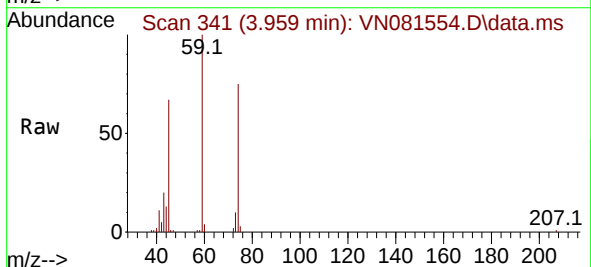
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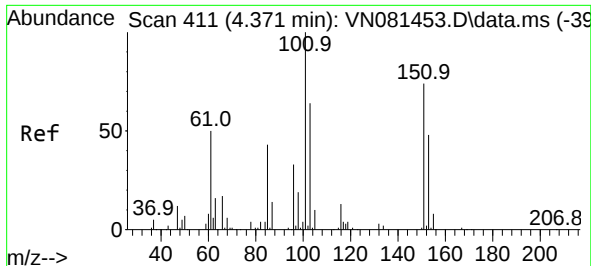
Reviewed By :John Carlone 03/26/2024
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#8
 Diethyl Ether
 Concen: 20.244 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN081554.D
 Acq: 25 Mar 2024 12:08

Tgt Ion: 74 Resp: 55050
 Ion Ratio Lower Upper
 74 100
 45 84.6 53.3 159.9





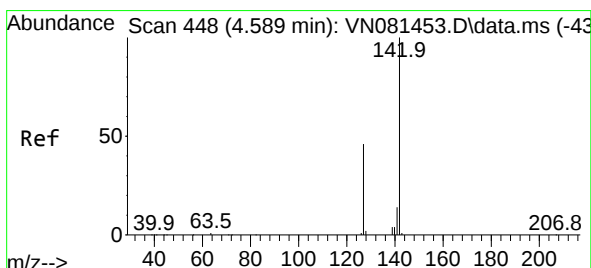
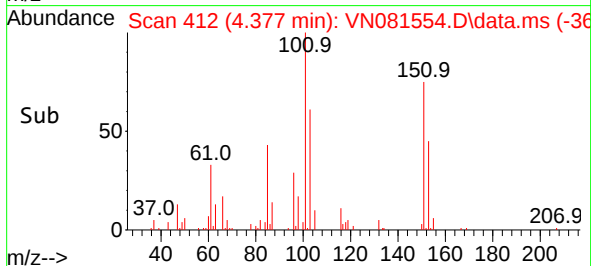
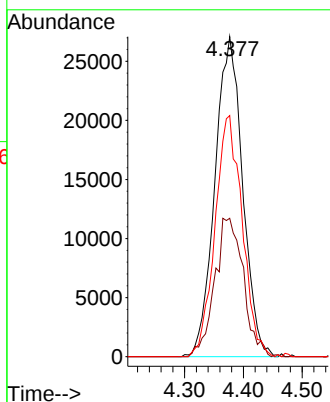
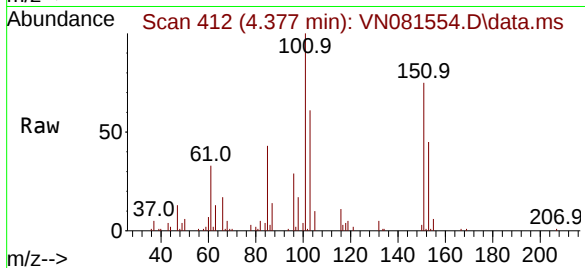
#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.961 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion:101 Resp: 8852
Ion Ratio Lower Upper
101 100
85 44.8 38.1 57.1
151 74.0 49.1 73.7

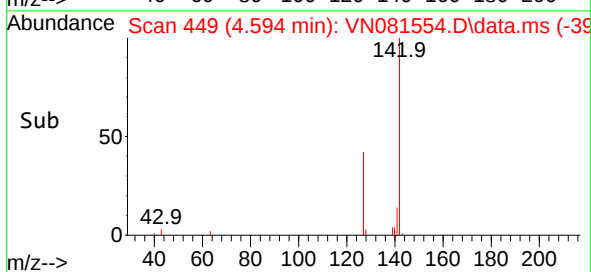
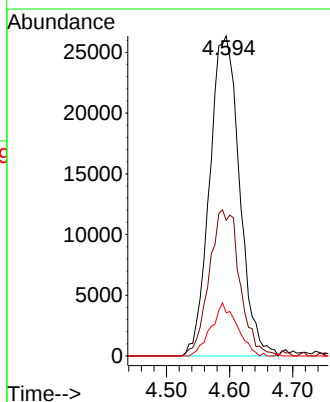
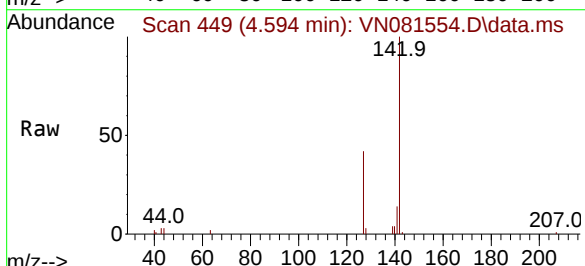
Manual Integrations
APPROVED

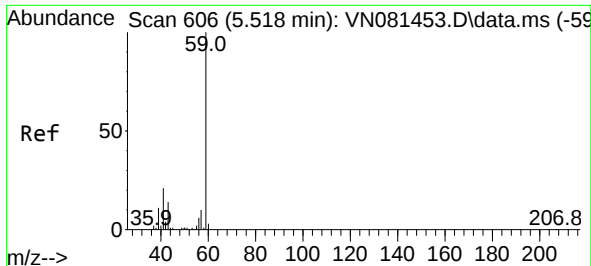
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#10
Methyl Iodide
Concen: 18.654 ug/l
RT: 4.594 min Scan# 449
Delta R.T. 0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

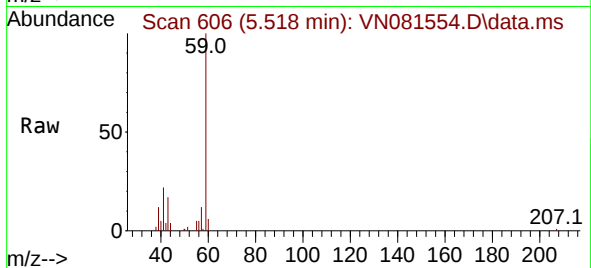
Tgt Ion:142 Resp: 86728
Ion Ratio Lower Upper
142 100
127 42.4 37.0 55.4
141 13.5 12.5 18.7





#11
Tert butyl alcohol
Concen: 90.988 ug/l
RT: 5.518 min Scan# 606
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

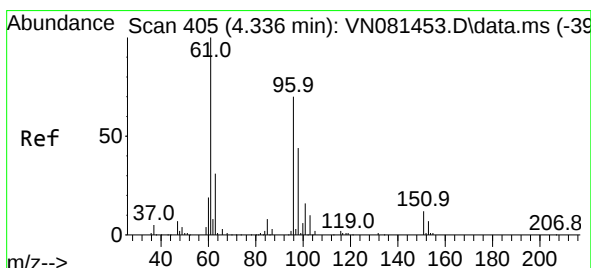
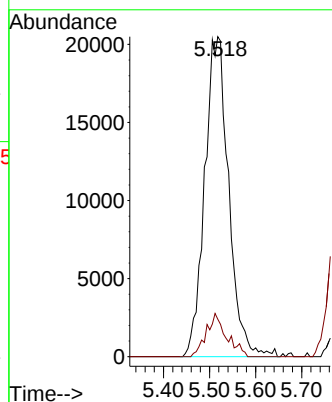
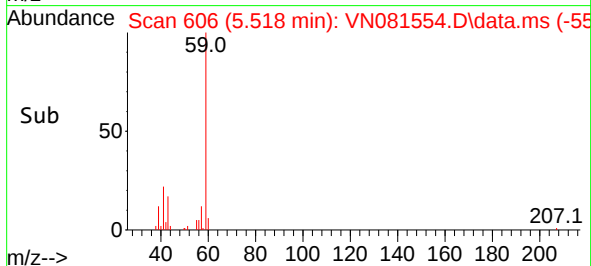
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



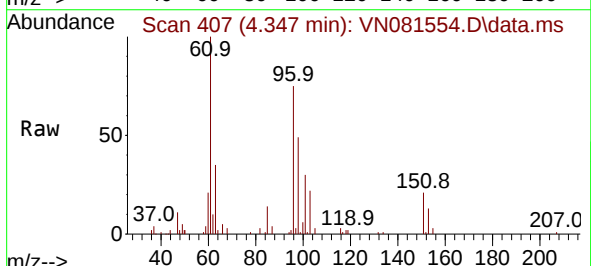
Tgt Ion: 59 Resp: 7409
Ion Ratio Lower Upper
59 100
57 11.4 8.6 12.8

Manual Integrations
APPROVED

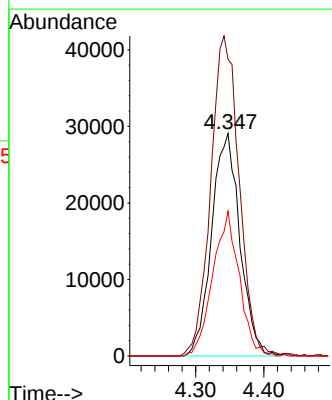
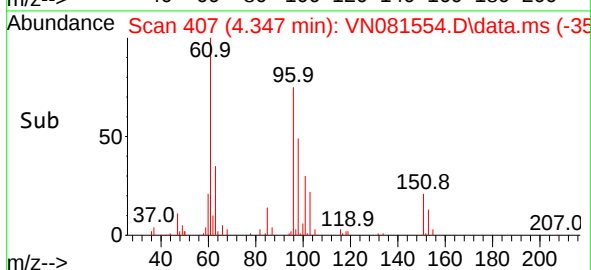
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

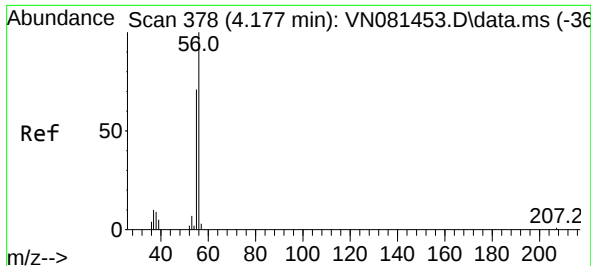


#12
1,1-Dichloroethene
Concen: 19.347 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.012 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08



Tgt Ion: 96 Resp: 83667
Ion Ratio Lower Upper
96 100
61 133.4 138.2 207.4#
98 65.0 49.2 73.8





#13

Acrolein

Concen: 122.021 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion: 56 Resp: 8916

Ion Ratio Lower Upper

56 100

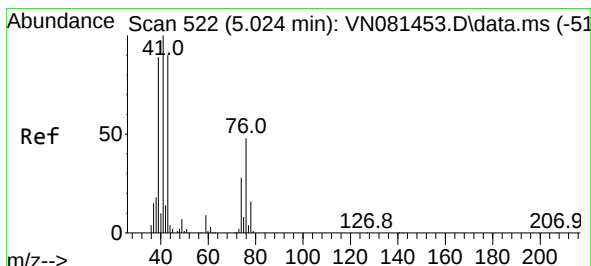
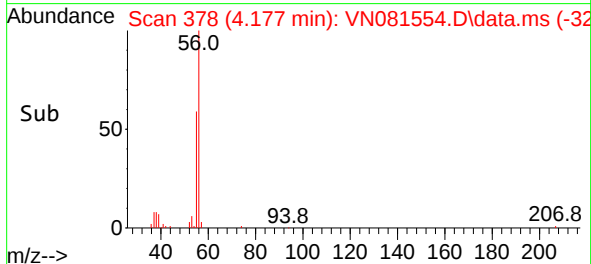
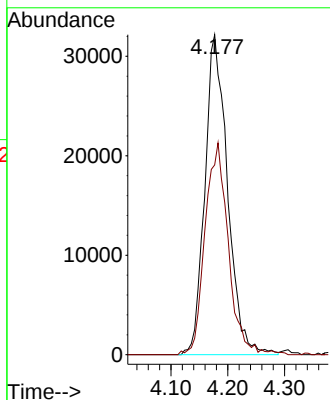
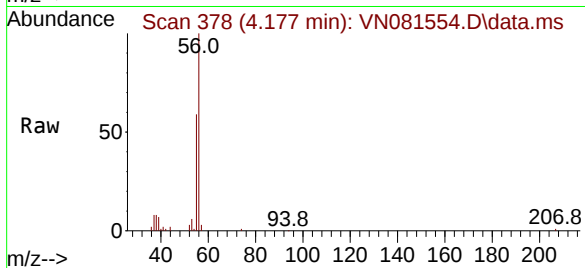
55 68.1 55.3 82.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#14

Allyl chloride

Concen: 18.739 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

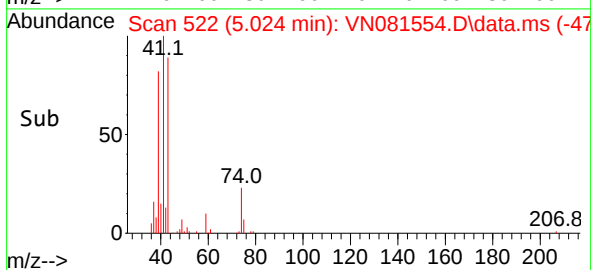
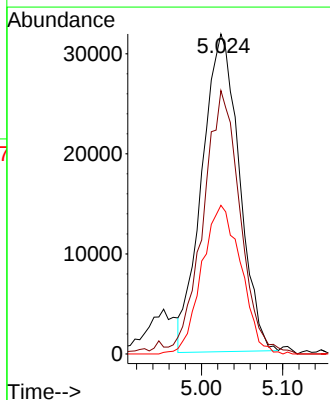
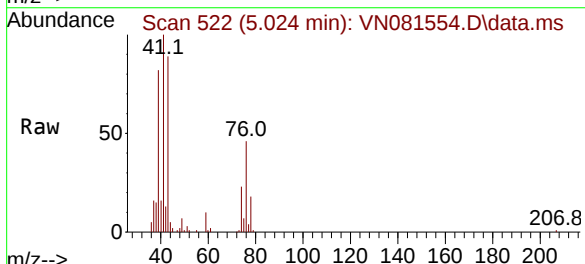
Tgt Ion: 41 Resp: 101544

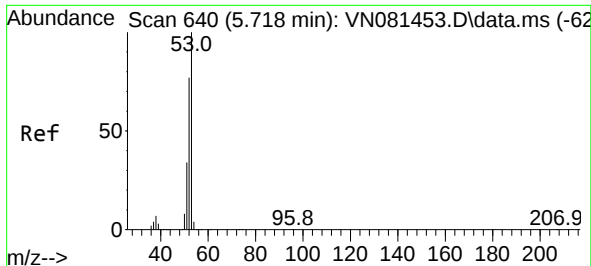
Ion Ratio Lower Upper

41 100

39 82.0 57.7 86.5

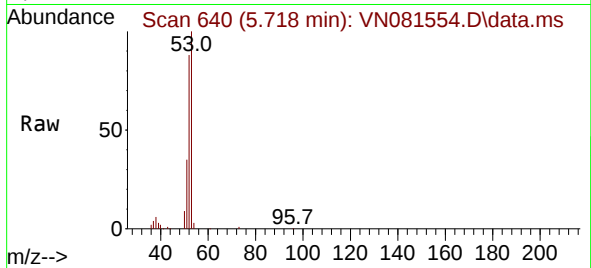
76 49.1 26.8 40.2#





#15
Acrylonitrile
Concen: 91.807 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

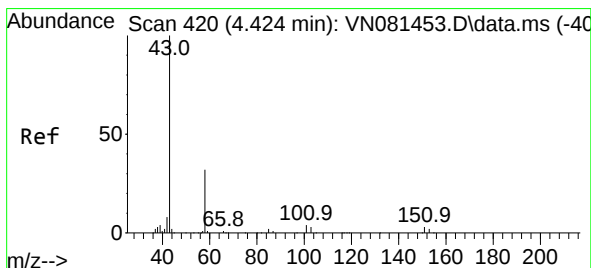
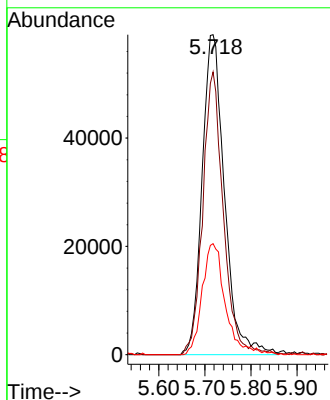
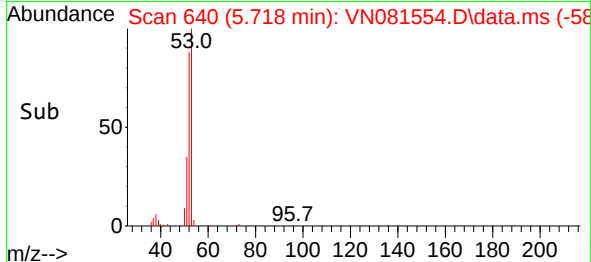
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 53 Resp: 200014
Ion Ratio Lower Upper
53 100
52 81.2 64.8 97.2
51 35.9 26.9 40.3

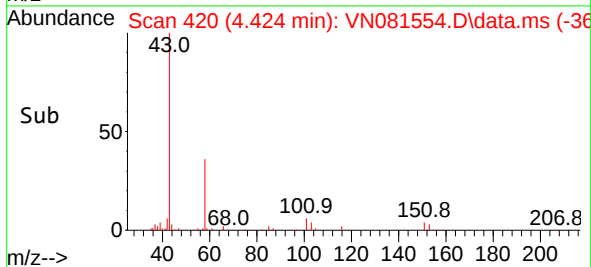
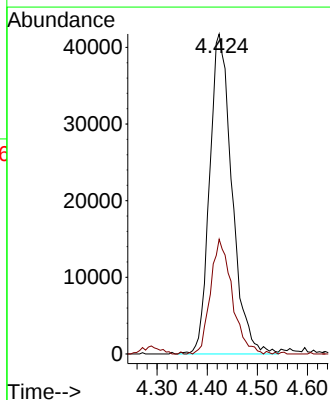
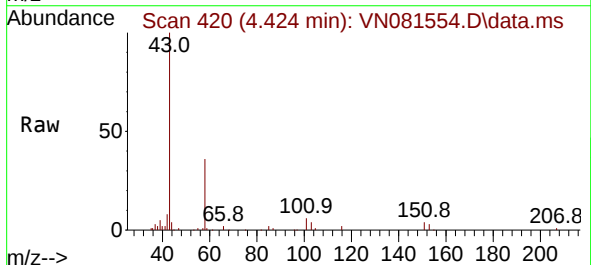
Manual Integrations
APPROVED

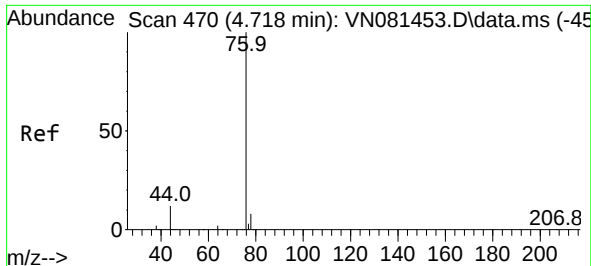
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#16
Acetone
Concen: 85.696 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

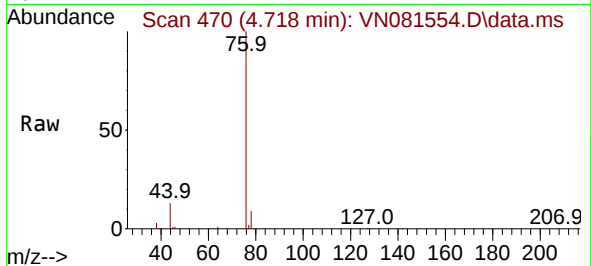
Tgt Ion: 43 Resp: 129419
Ion Ratio Lower Upper
43 100
58 35.9 24.8 37.2





#17
Carbon Disulfide
Concen: 17.134 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

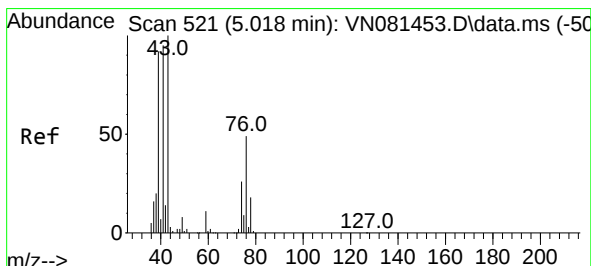
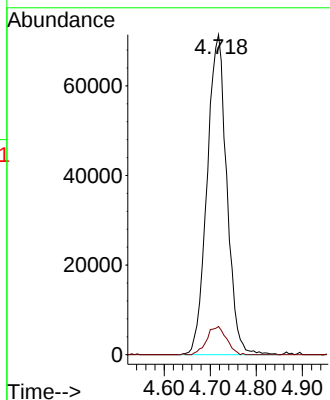
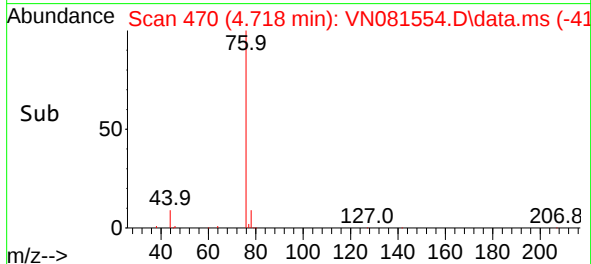
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



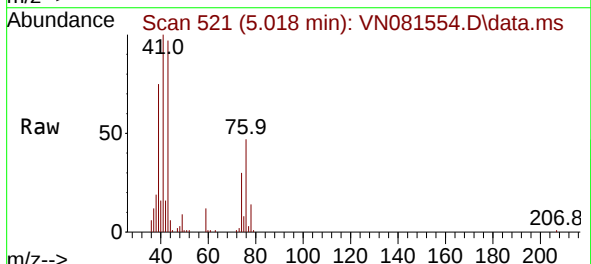
Tgt Ion: 76 Resp: 21263
Ion Ratio Lower Upper
76 100
78 8.8 6.3 9.5

Manual Integrations
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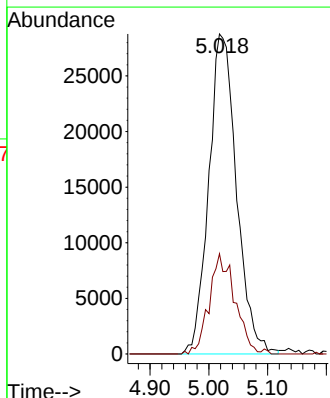
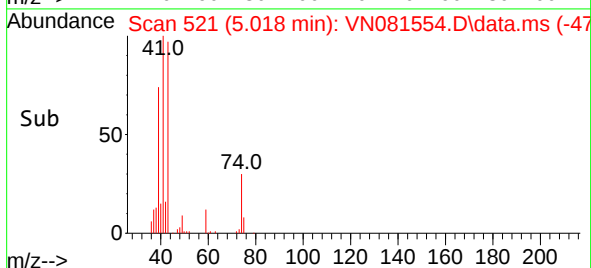
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

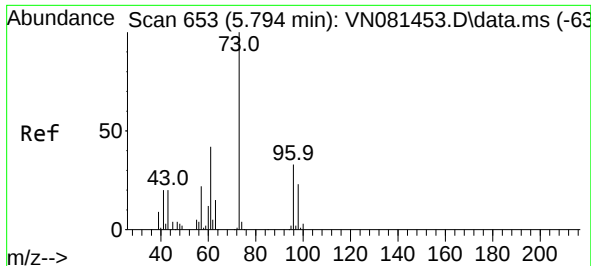


#18
Methyl Acetate
Concen: 20.302 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08



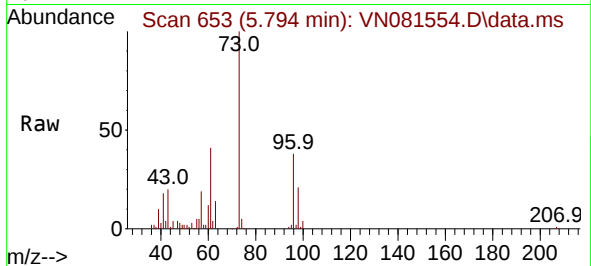
Tgt Ion: 43 Resp: 94528
Ion Ratio Lower Upper
43 100
74 28.9 17.3 25.9#





#19
Methyl tert-butyl Ether
Concen: 20.192 ug/l
RT: 5.794 min Scan# 613
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

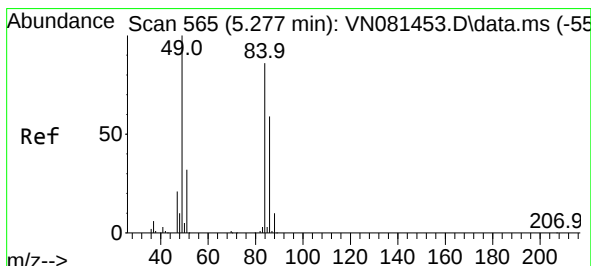
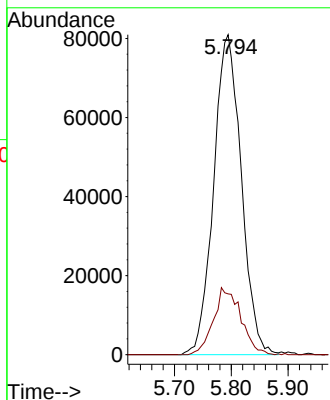
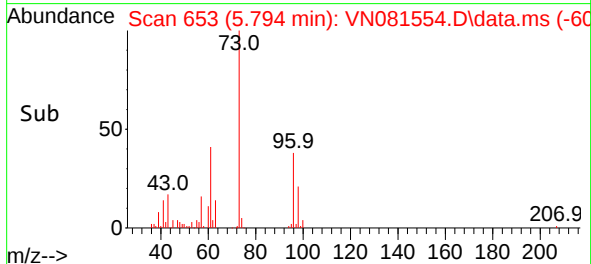
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 73 Resp: 273270
Ion Ratio Lower Upper
73 100
57 19.0 18.2 27.4

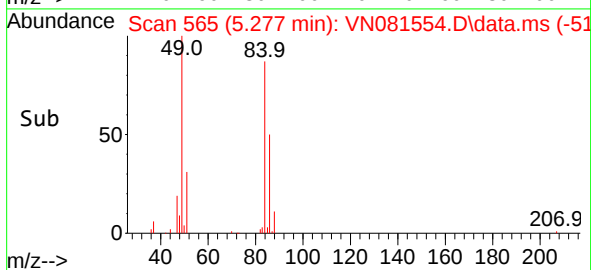
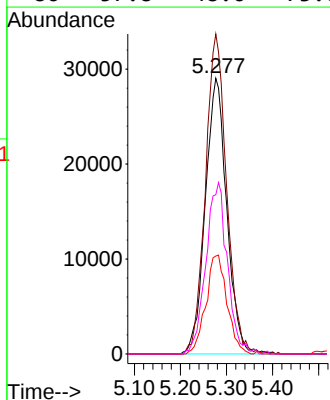
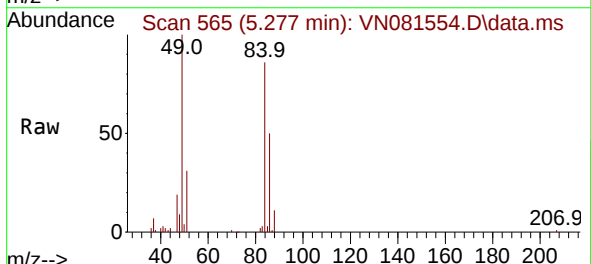
Manual Integrations
APPROVED

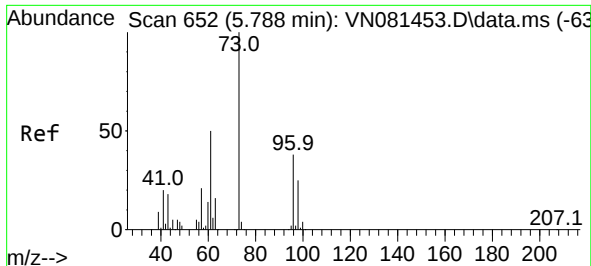
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#20
Methylene Chloride
Concen: 19.042 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

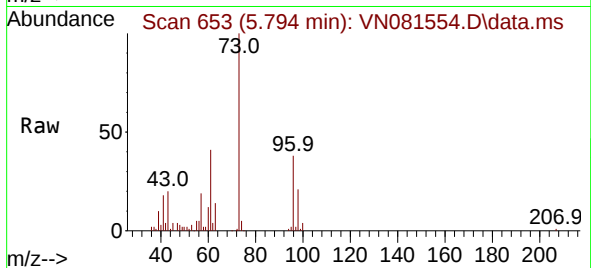
Tgt Ion: 84 Resp: 94202
Ion Ratio Lower Upper
84 100
49 116.1 108.1 162.1
51 35.5 32.9 49.3
86 57.8 48.6 73.0





#21
trans-1,2-Dichloroethene
Concen: 19.067 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

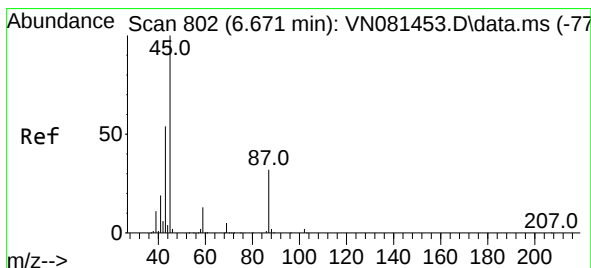
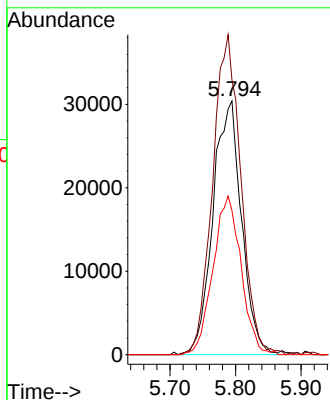
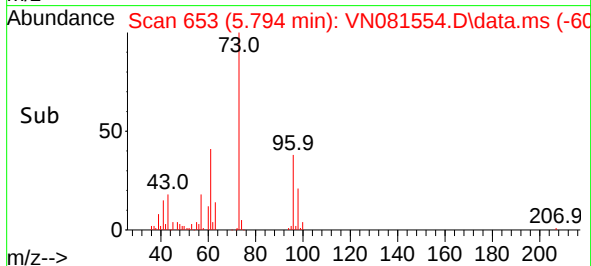
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 96 Resp: 91930
Ion Ratio Lower Upper
96 100
61 108.2 112.8 169.2
98 56.8 51.0 76.4

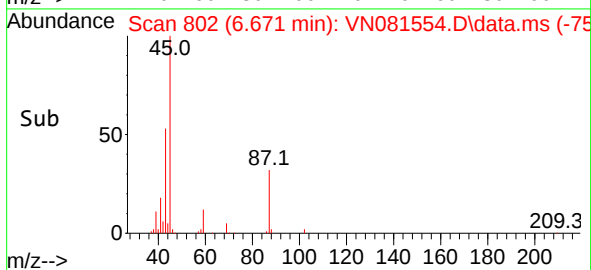
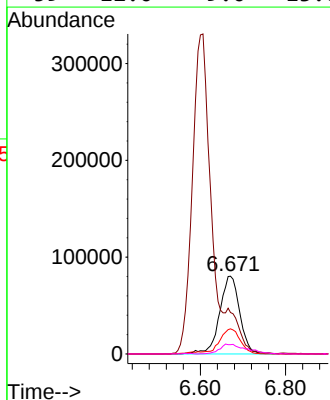
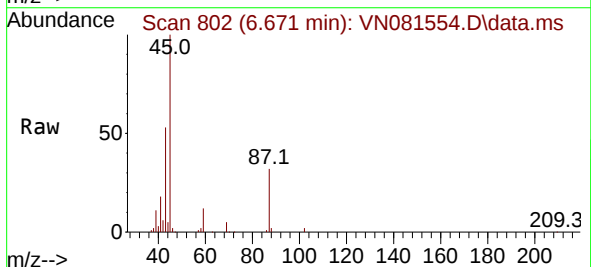
Manual Integrations
APPROVED

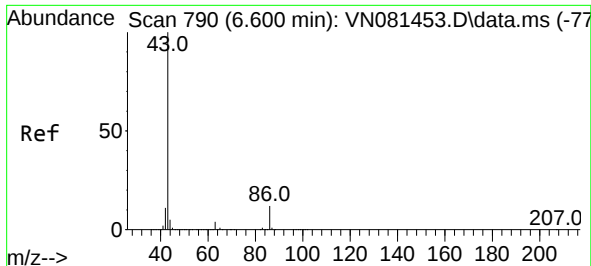
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#22
Diisopropyl ether
Concen: 20.886 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

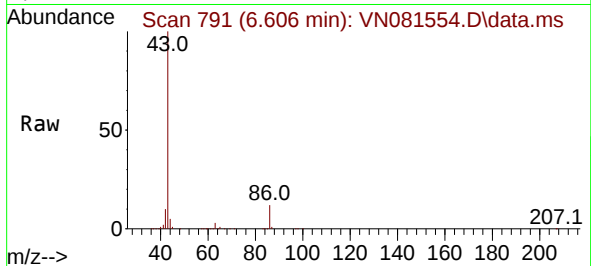
Tgt Ion: 45 Resp: 262981
Ion Ratio Lower Upper
45 100
43 52.7 41.8 62.8
87 32.3 18.1 27.1#
59 12.0 9.0 13.6





#23
 Vinyl Acetate
 Concen: 97.784 ug/l
 RT: 6.606 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN081554.D
 Acq: 25 Mar 2024 12:08

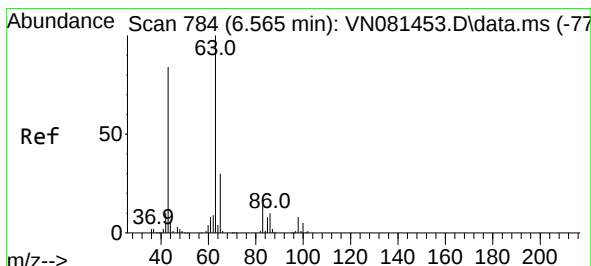
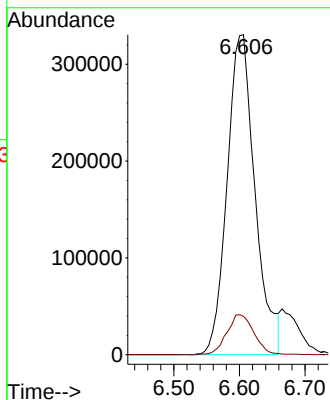
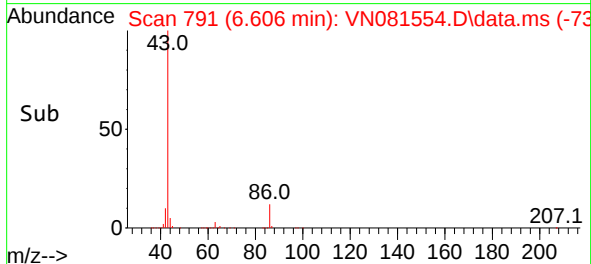
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01



Tgt Ion: 43 Resp: 98001
 Ion Ratio Lower Upper
 43 100
 86 12.0 7.1 10.7

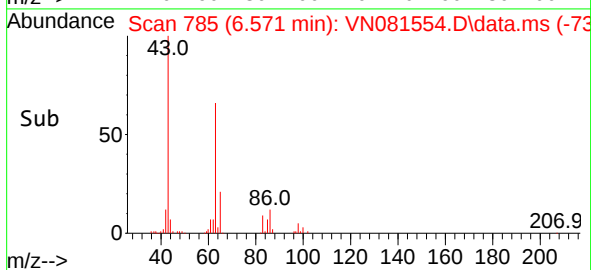
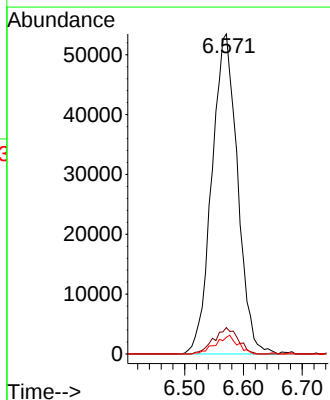
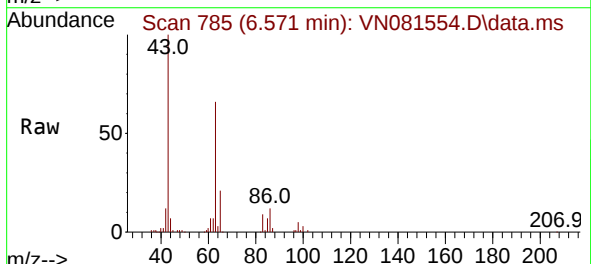
Manual Integrations
 APPROVED

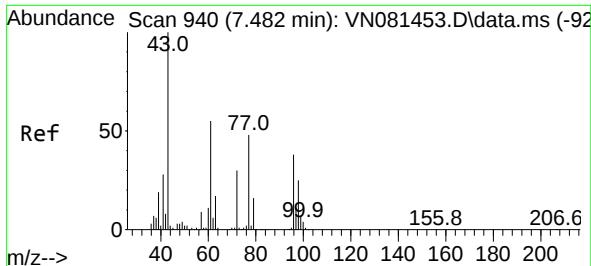
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#24
 1,1-Dichloroethane
 Concen: 19.276 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN081554.D
 Acq: 25 Mar 2024 12:08

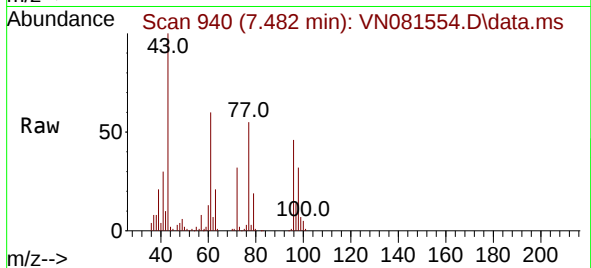
Tgt Ion: 63 Resp: 162559
 Ion Ratio Lower Upper
 63 100
 98 8.2 2.9 8.6
 100 5.2 1.9 5.7





#25
2-Butanone
Concen: 87.776 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

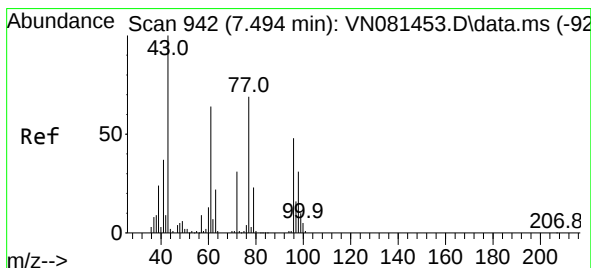
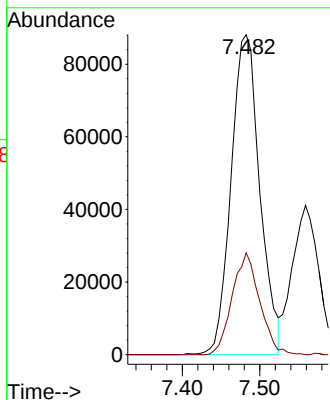
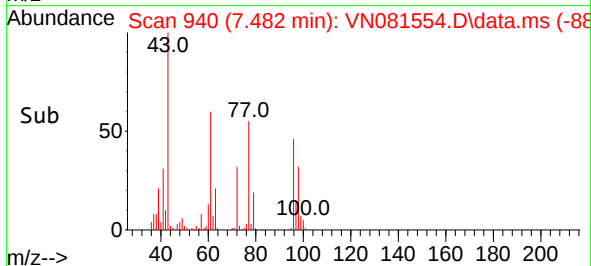
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



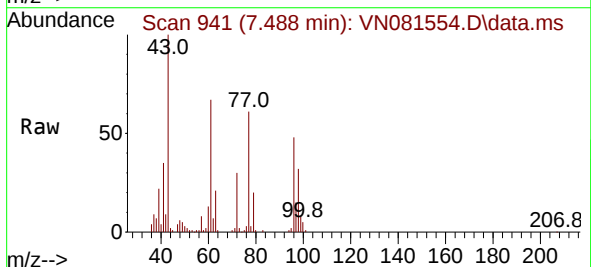
Tgt Ion: 43 Resp: 227369
Ion Ratio Lower Upper
43 100
72 31.9 19.5 29.3

Manual Integrations
APPROVED

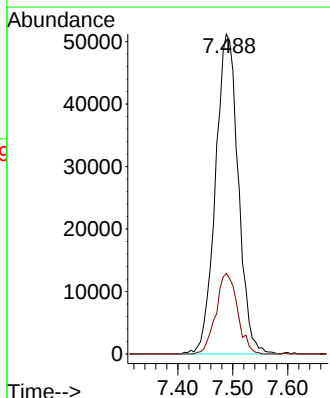
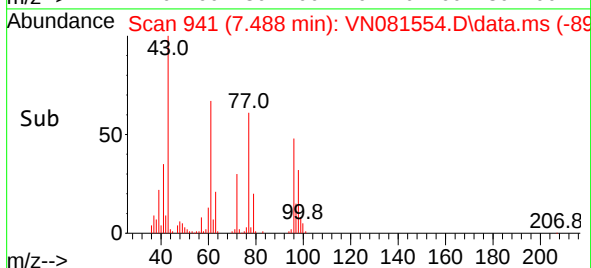
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024

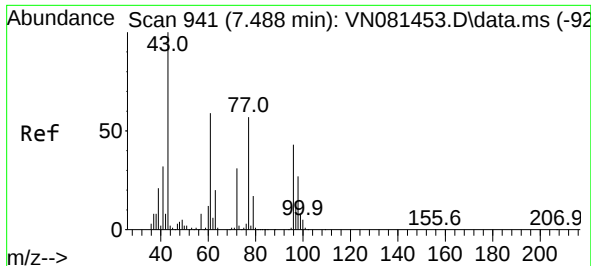


#26
2,2-Dichloropropane
Concen: 20.142 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08



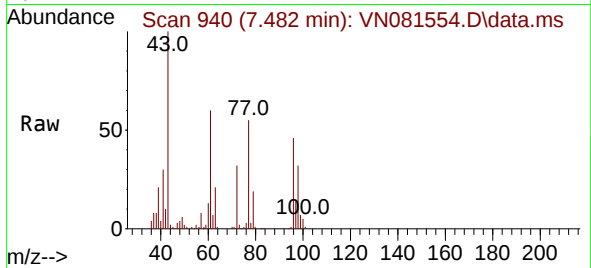
Tgt Ion: 77 Resp: 147327
Ion Ratio Lower Upper
77 100
97 23.8 11.5 34.5





#27
 cis-1,2-Dichloroethene
 Concen: 19.993 ug/l
 RT: 7.482 min Scan# 941
 Delta R.T. -0.006 min
 Lab File: VN081554.D
 Acq: 25 Mar 2024 12:08

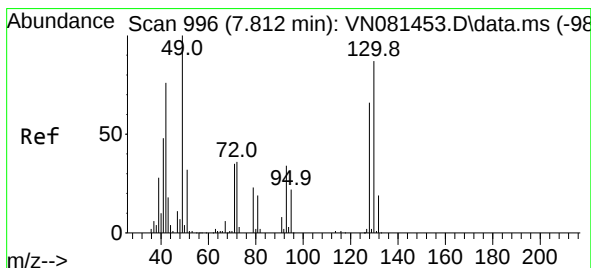
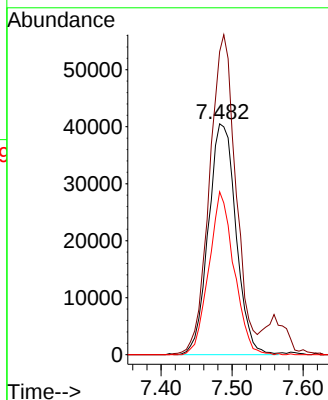
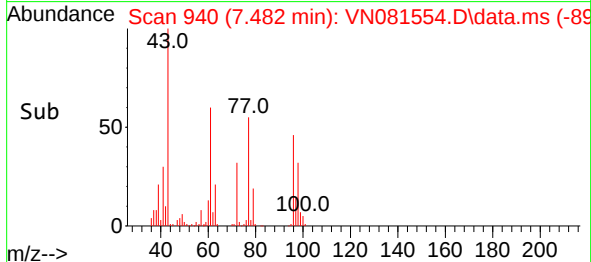
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0325WBSD01



Tgt Ion: 96 Resp: 109075
 Ion Ratio Lower Upper
 96 100
 61 132.7 0.0 325.4
 98 64.5 0.0 130.4

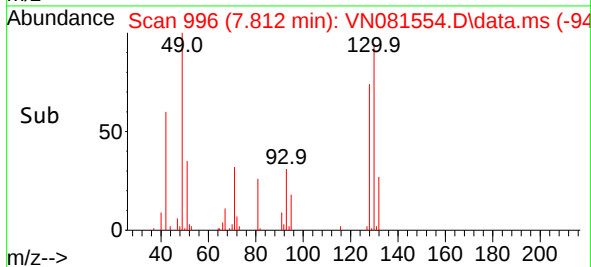
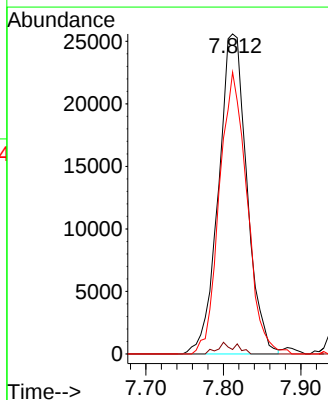
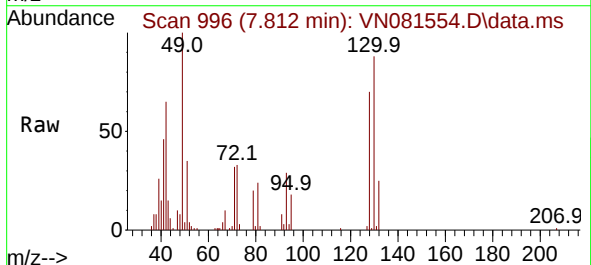
Manual Integrations
 APPROVED

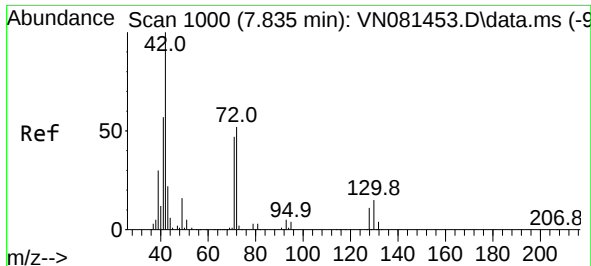
Reviewed By :John Carlone 03/26/2024
 Supervised By :Mahesh Dadoda 03/26/2024



#28
 Bromochloromethane
 Concen: 18.989 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.000 min
 Lab File: VN081554.D
 Acq: 25 Mar 2024 12:08

Tgt Ion: 49 Resp: 65226
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 1.6
 130 85.4 42.3 63.5





#29

Tetrahydrofuran

Concen: 87.470 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN081554.D

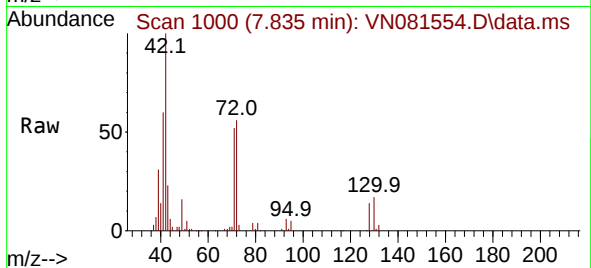
Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01



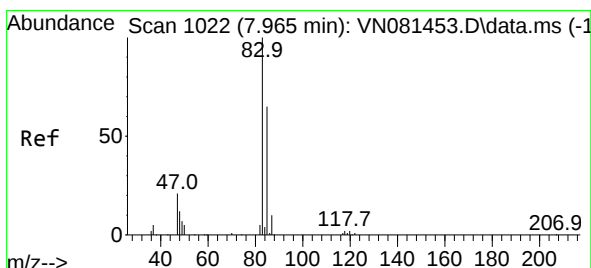
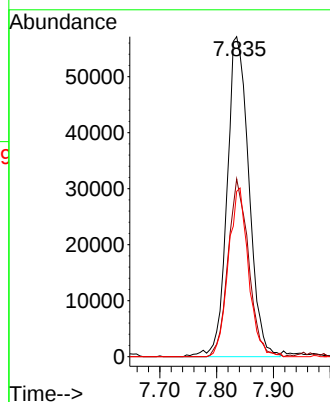
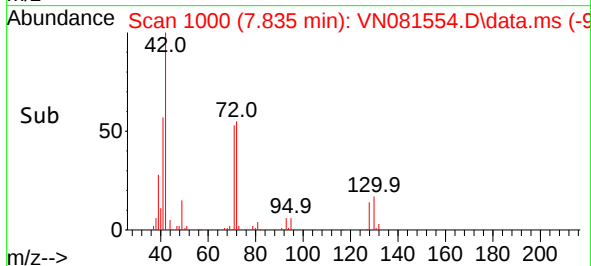
Tgt Ion:	42	Resp:	15263
Ion Ratio	Lower	Upper	
42	100		
72	52.4	31.1	46.7
71	48.8	28.3	42.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#30

Chloroform

Concen: 19.763 ug/l

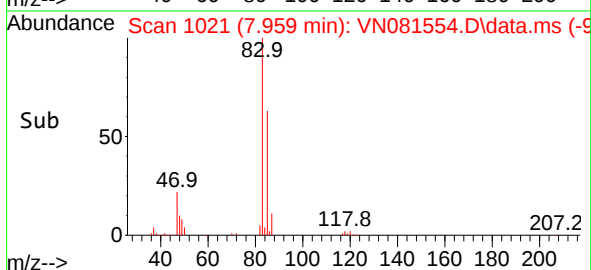
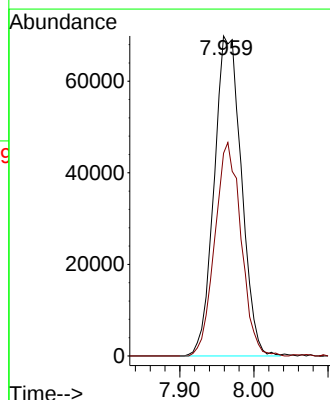
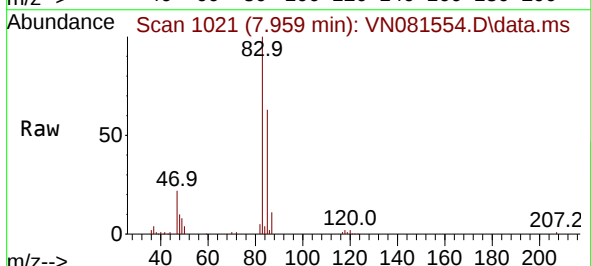
RT: 7.959 min Scan# 1021

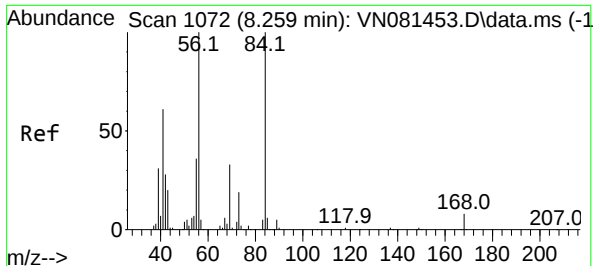
Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

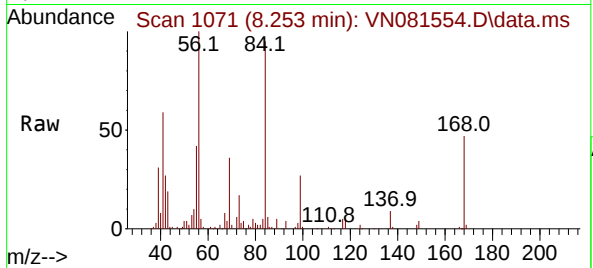
Tgt Ion:	83	Resp:	178424
Ion Ratio	Lower	Upper	
83	100		
85	63.4	51.0	76.6





#31
Cyclohexane
Concen: 18.531 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

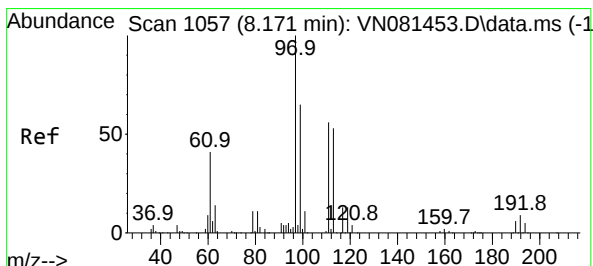
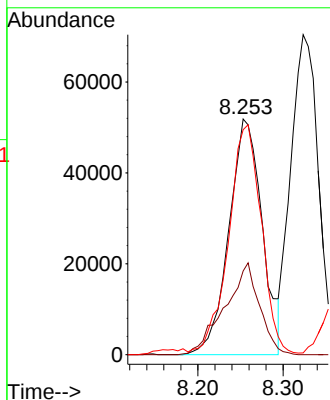
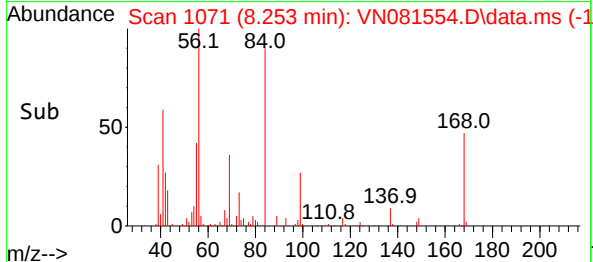
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 56 Resp: 140912
Ion Ratio Lower Upper
56 100
69 35.5 20.1 30.1
84 93.8 56.9 85.3

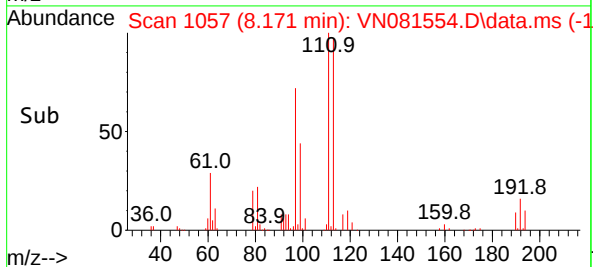
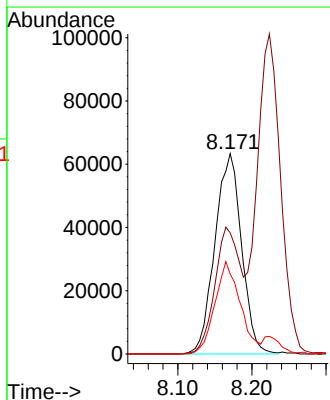
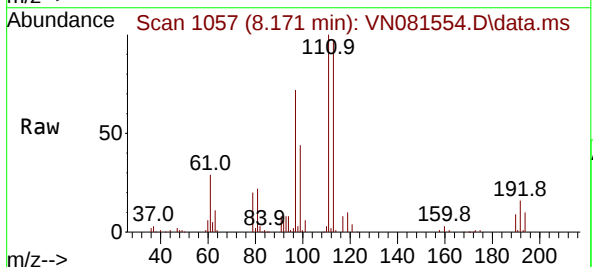
Manual Integrations
APPROVED

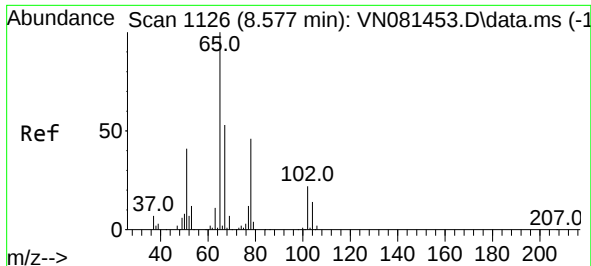
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#32
1,1,1-Trichloroethane
Concen: 19.317 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 97 Resp: 158219
Ion Ratio Lower Upper
97 100
99 59.4 53.4 80.0
61 44.2 43.8 65.8





#33

1,2-Dichloroethane-d4

Concen: 53.005 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion: 65 Resp: 247690

Ion Ratio Lower Upper

65 100

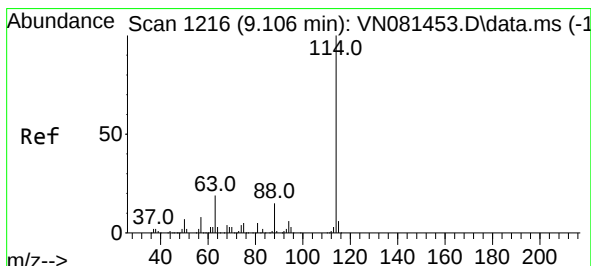
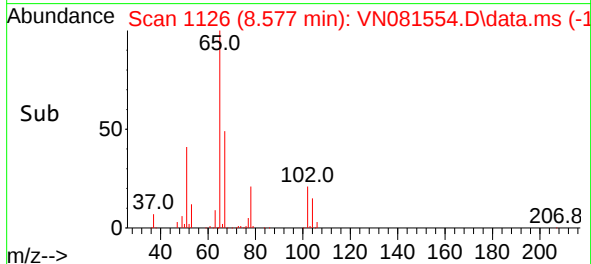
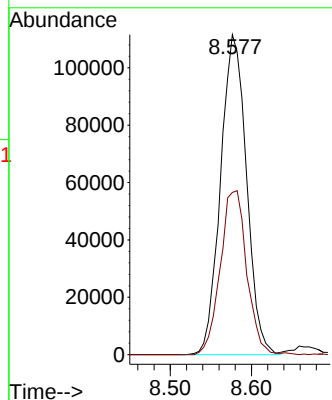
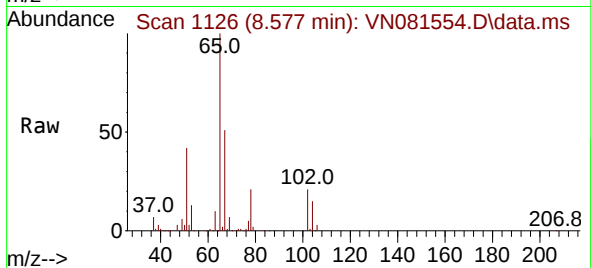
67 52.3 0.0 102.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

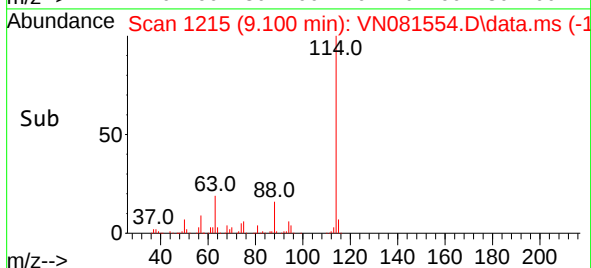
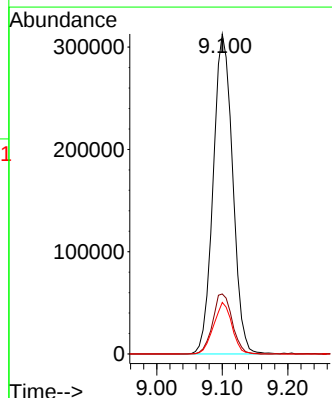
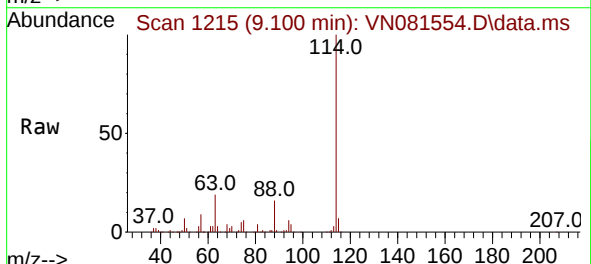
Tgt Ion:114 Resp: 643308

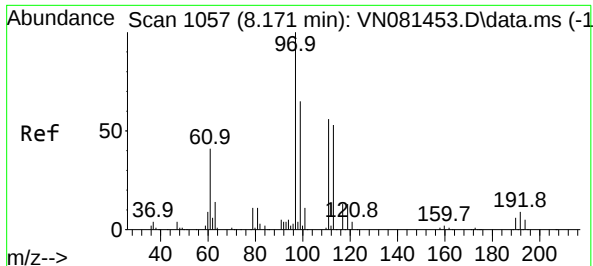
Ion Ratio Lower Upper

114 100

63 18.7 0.0 48.0

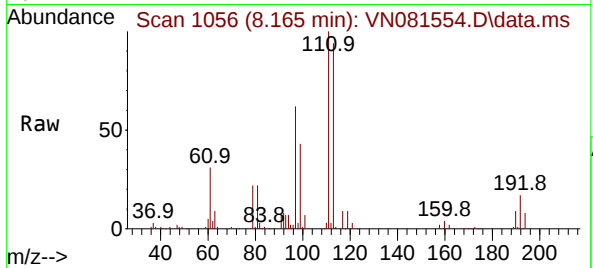
88 16.1 0.0 34.8





#35
Dibromofluoromethane
Concen: 52.535 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

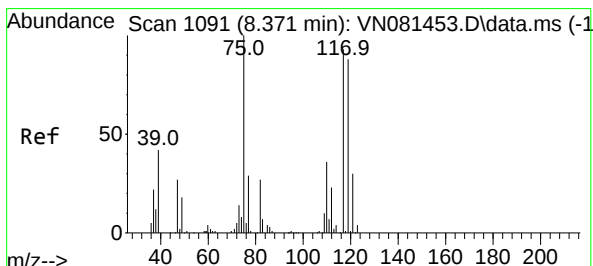
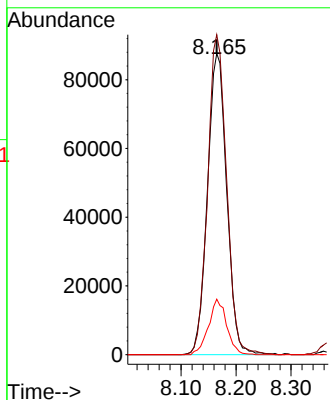
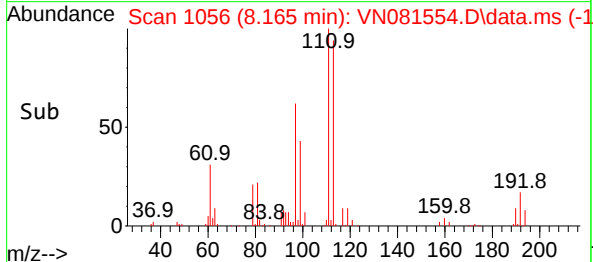
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:113 Resp: 213290
Ion Ratio Lower Upper
113 100
111 104.2 82.2 123.4
192 17.4 12.5 18.7

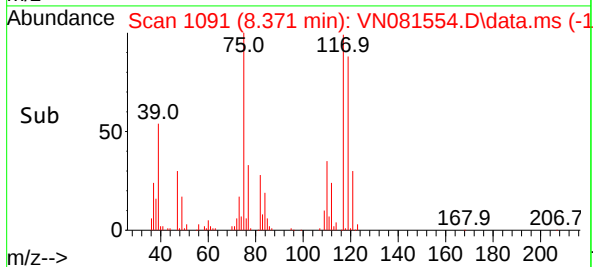
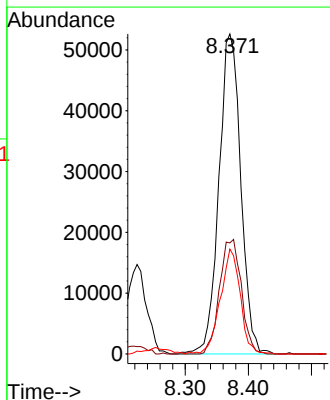
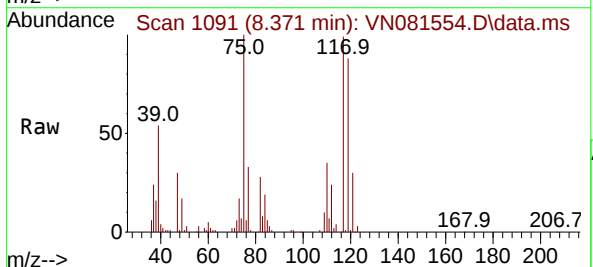
Manual Integrations
APPROVED

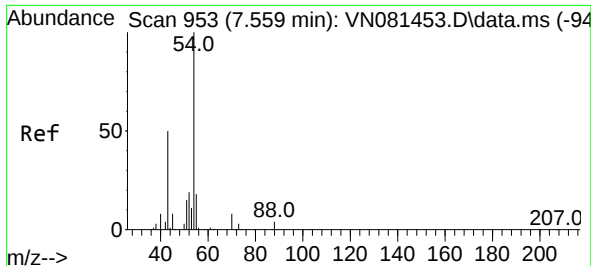
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#36
1,1-Dichloropropene
Concen: 18.537 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

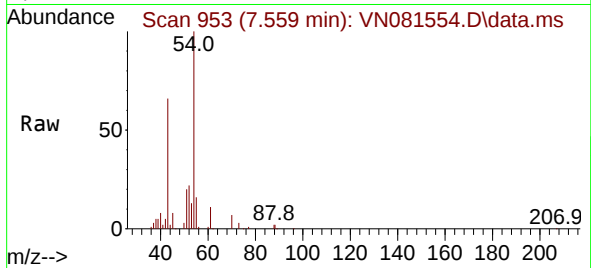
Tgt Ion: 75 Resp: 126650
Ion Ratio Lower Upper
75 100
110 35.7 16.0 48.0
77 29.9 25.8 38.6





#37
Ethyl Acetate
Concen: 17.273 ug/l
RT: 7.559 min Scan# 910
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

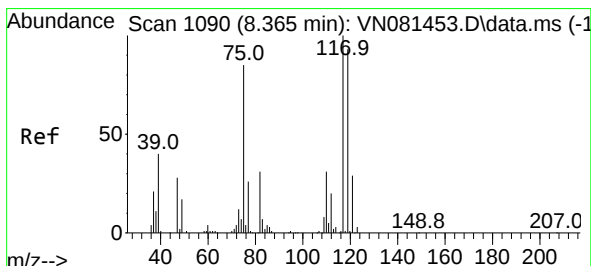
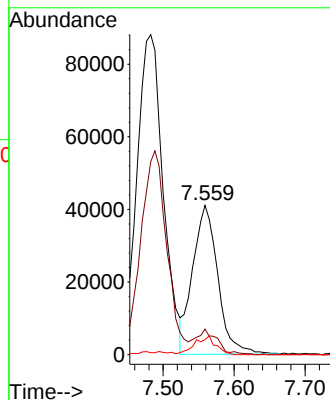
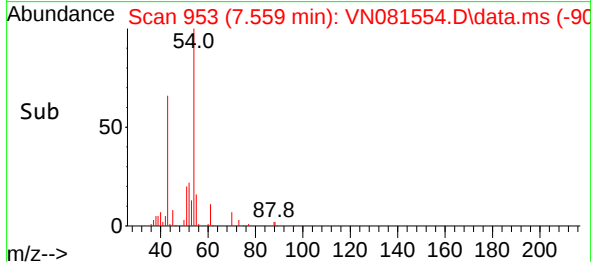
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 43 Resp: 101059
Ion Ratio Lower Upper
43 100
61 14.9 10.6 15.8
70 10.4 8.0 12.0

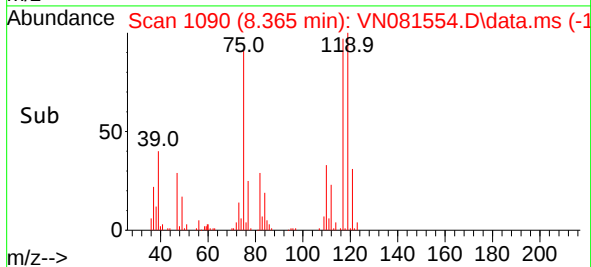
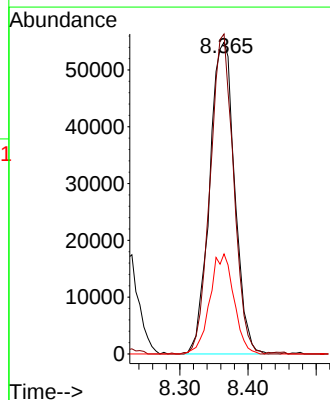
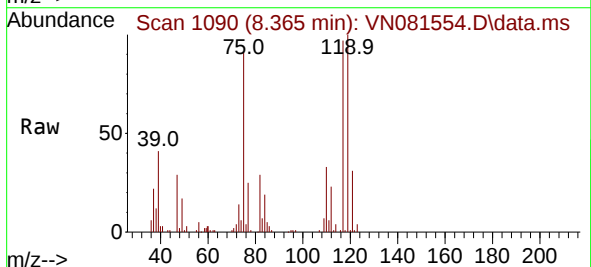
Manual Integrations
APPROVED

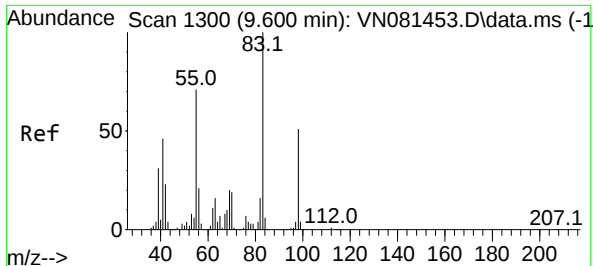
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#38
Carbon Tetrachloride
Concen: 18.757 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:117 Resp: 140389
Ion Ratio Lower Upper
117 100
119 102.7 73.4 110.2
121 32.1 24.4 36.6





#39

Methylcyclohexane

Concen: 18.103 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

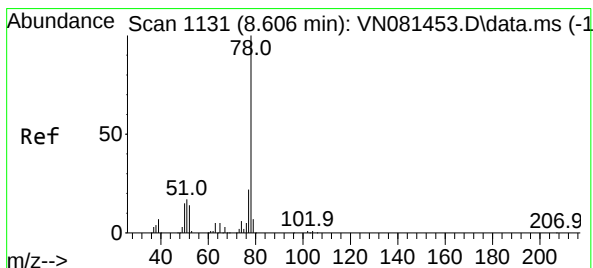
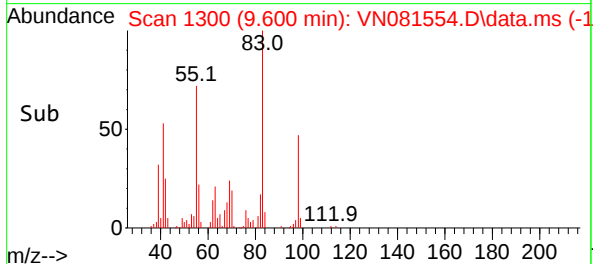
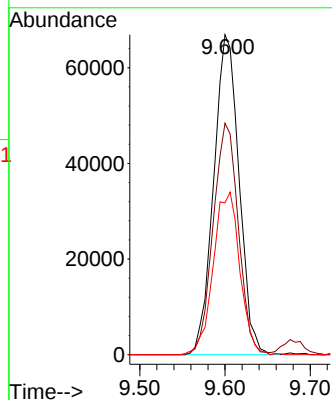
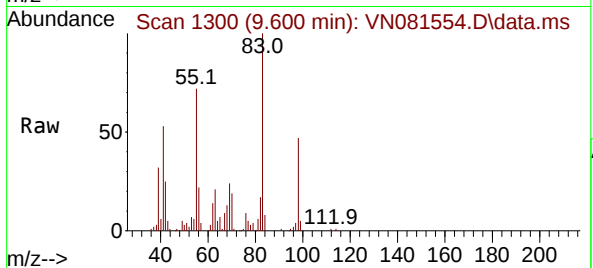
Tgt Ion: 83	Resp: 13812
Ion Ratio	Lower Upper
83	100
55	72.3 65.7 98.5
98	47.5 33.8 50.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#40

Benzene

Concen: 19.041 ug/l

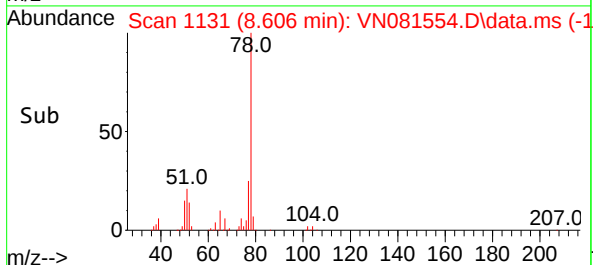
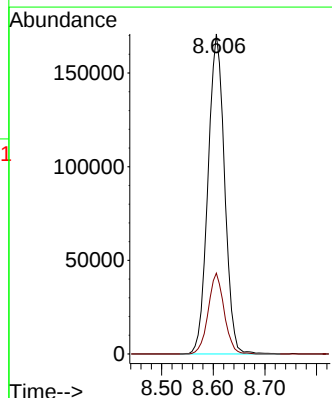
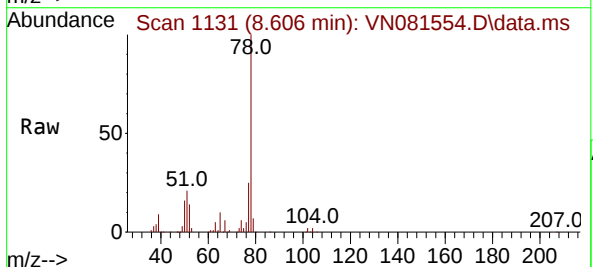
RT: 8.606 min Scan# 1131

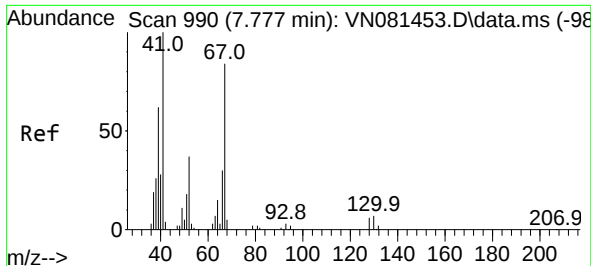
Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

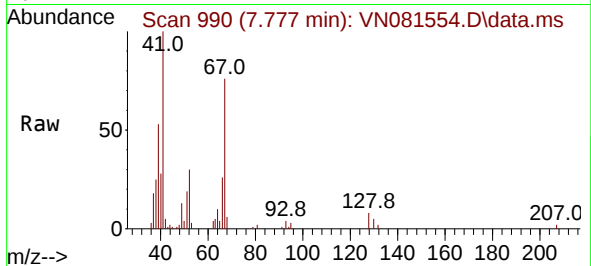
Tgt Ion: 78	Resp: 380352
Ion Ratio	Lower Upper
78	100
77	25.3 20.4 30.6





#41
Methacrylonitrile
Concen: 16.802 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

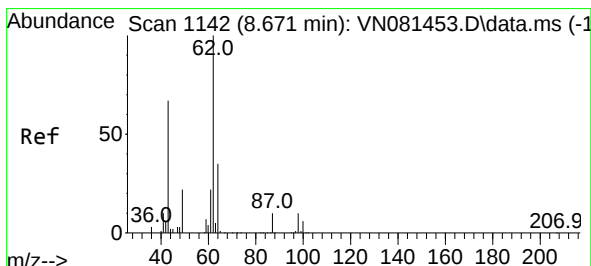
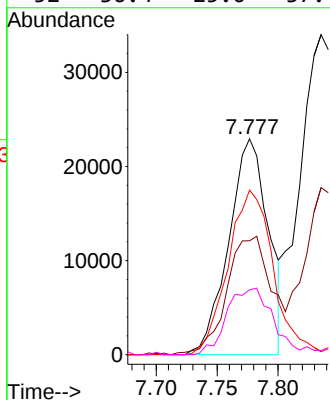
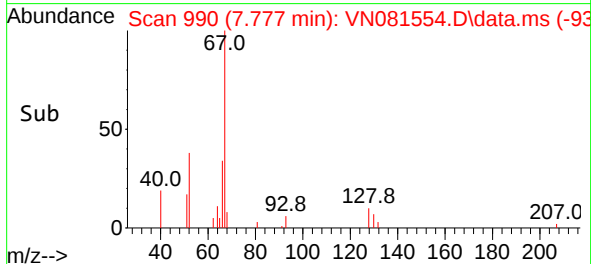
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:	41	Resp:	5198
Ion Ratio	100	Lower	Upper
41	100		
39	62.6	48.4	72.6
67	87.7	56.8	85.2
52	36.4	25.0	37.4

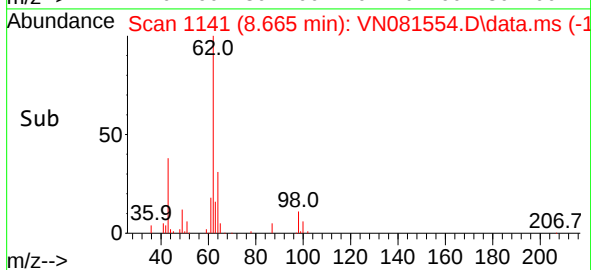
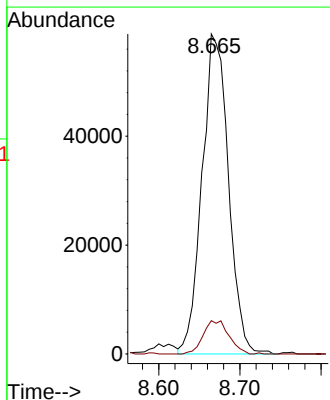
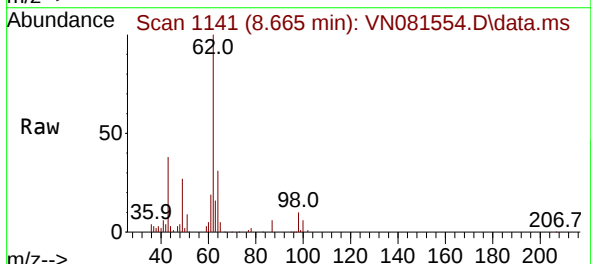
Manual Integrations
APPROVED

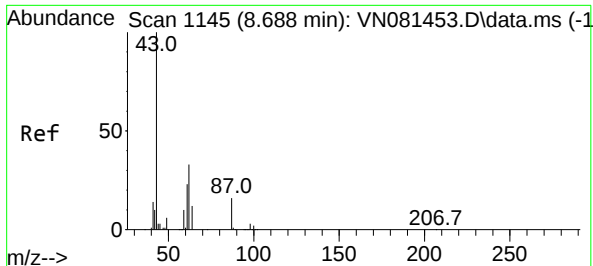
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#42
1,2-Dichloroethane
Concen: 18.904 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

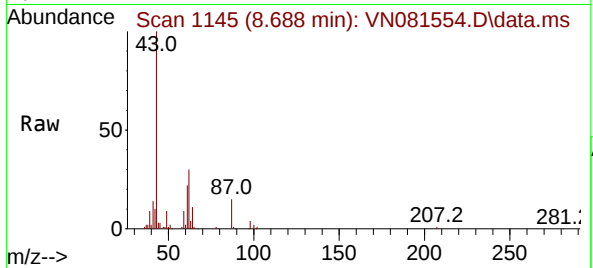
Tgt Ion:	62	Resp:	132888
Ion Ratio	100	Lower	Upper
62	100		
98	10.1	0.0	18.0





#43
Isopropyl Acetate
Concen: 17.884 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

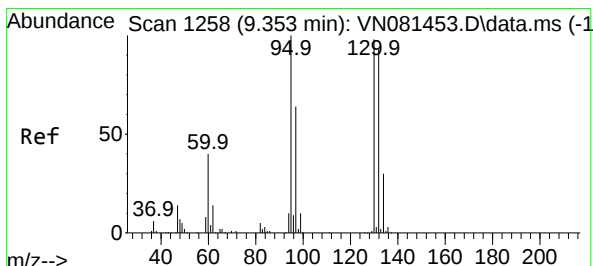
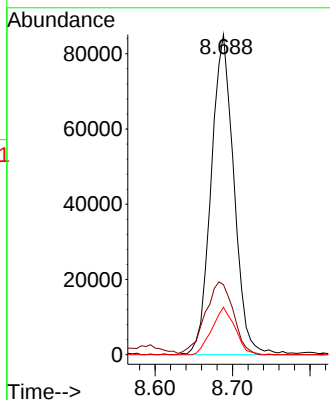
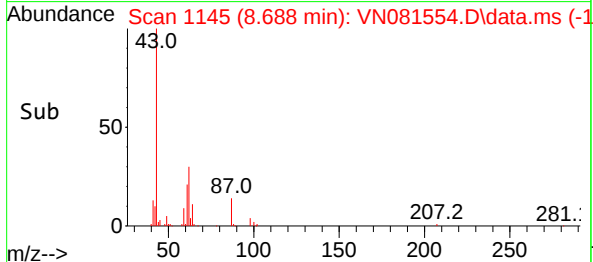
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 43 Resp: 173438
Ion Ratio Lower Upper
43 100
61 28.3 19.9 29.9
87 15.0 9.0 13.6

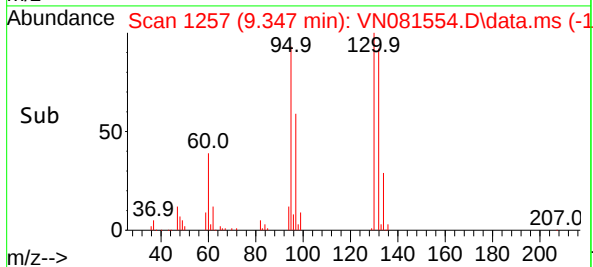
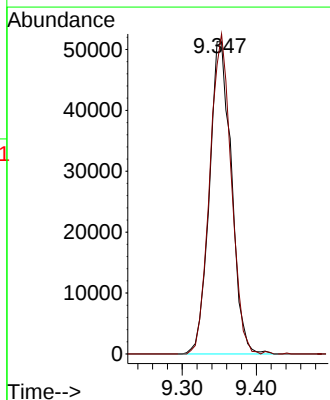
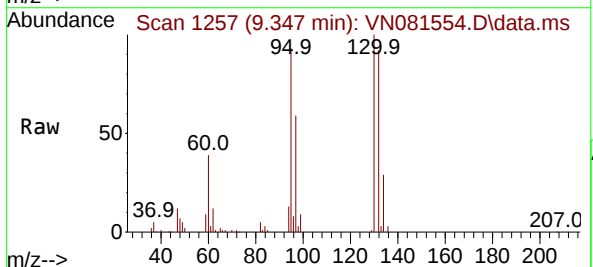
Manual Integrations
APPROVED

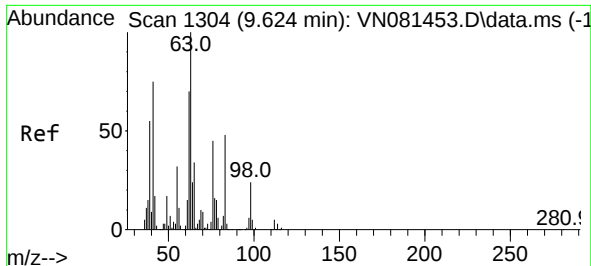
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#44
Trichloroethene
Concen: 18.797 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:130 Resp: 105603
Ion Ratio Lower Upper
130 100
95 92.6 0.0 210.4





#45

1,2-Dichloropropane

Concen: 19.294 ug/l

RT: 9.624 min Scan# 1304

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion: 63 Resp: 9340

Ion Ratio Lower Upper

63 100

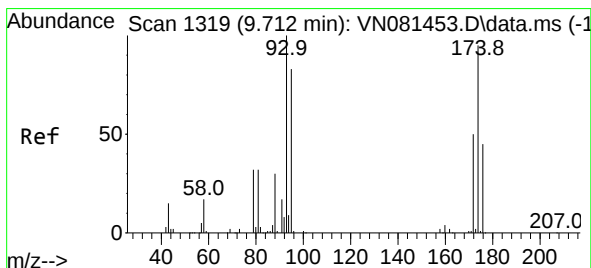
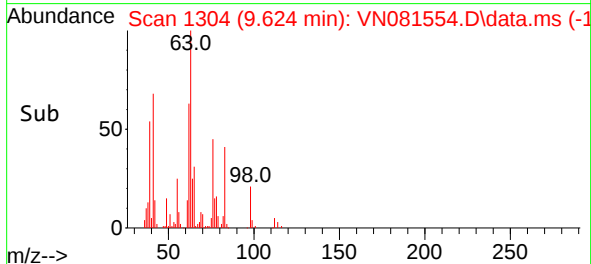
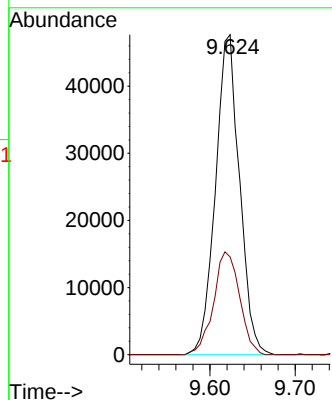
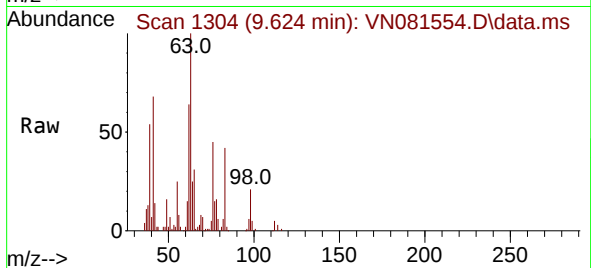
65 30.5 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#46

Dibromomethane

Concen: 19.348 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

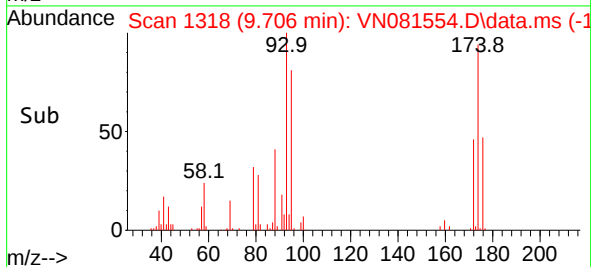
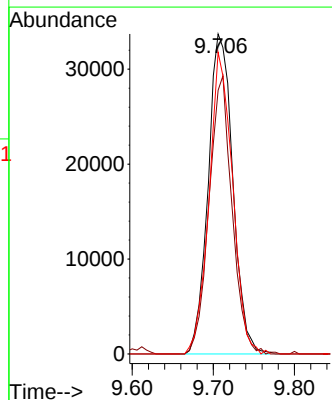
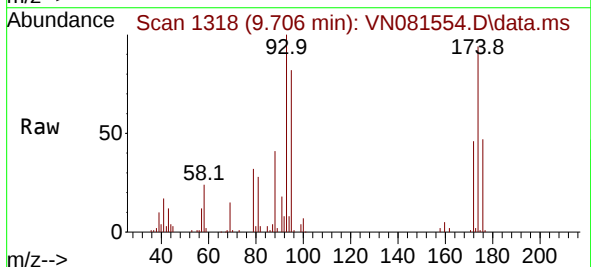
Tgt Ion: 93 Resp: 71131

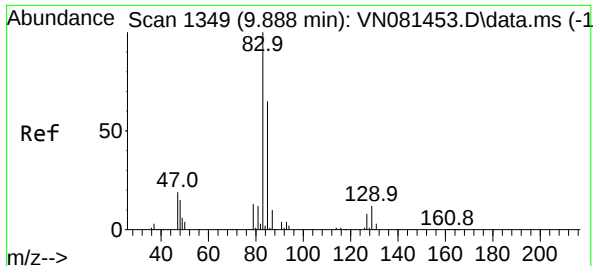
Ion Ratio Lower Upper

93 100

95 81.0 68.1 102.1

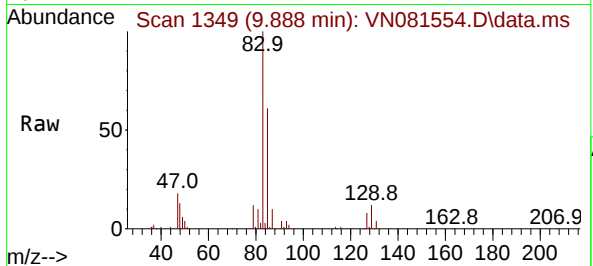
174 89.9 57.2 85.8





#47
Bromodichloromethane
Concen: 19.352 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

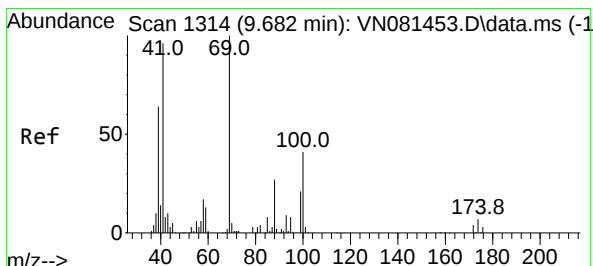
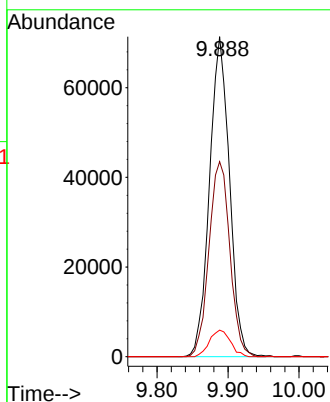
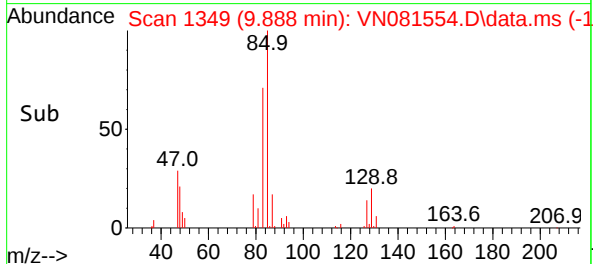
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 83 Resp: 139099
Ion Ratio Lower Upper
83 100
85 60.9 52.3 78.5
127 8.3 4.6 7.0

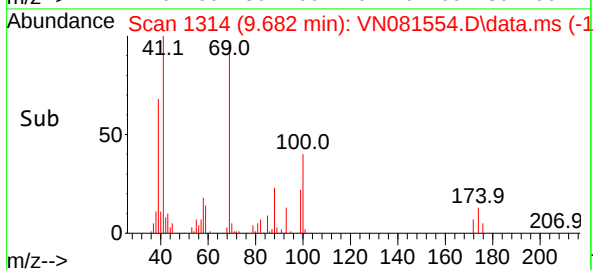
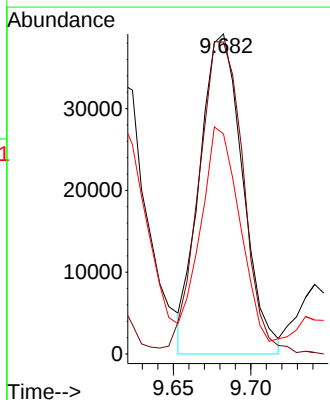
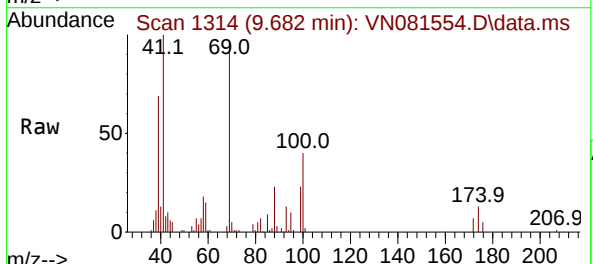
Manual Integrations
APPROVED

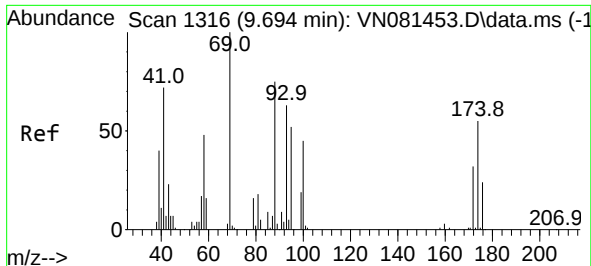
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#48
Methyl methacrylate
Concen: 16.886 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 41 Resp: 75533
Ion Ratio Lower Upper
41 100
69 101.3 62.2 93.2#
39 67.6 47.6 71.4





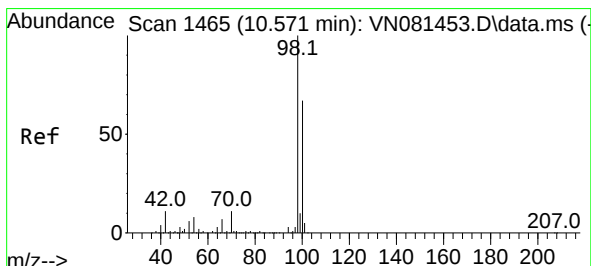
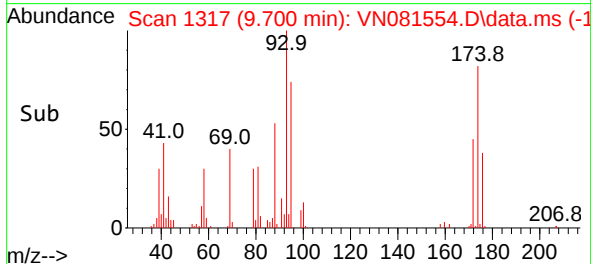
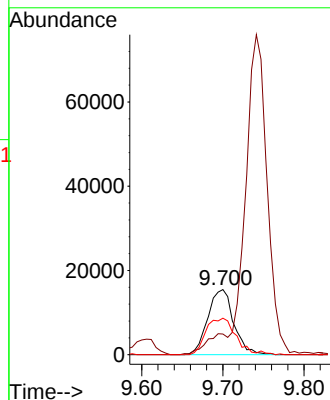
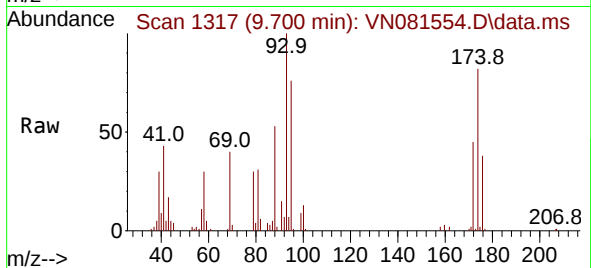
#49
1,4-Dioxane
Concen: 319.066 ug/l
RT: 9.700 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion: 88 Resp: 34298
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1
58 63.1 63.9 95.9

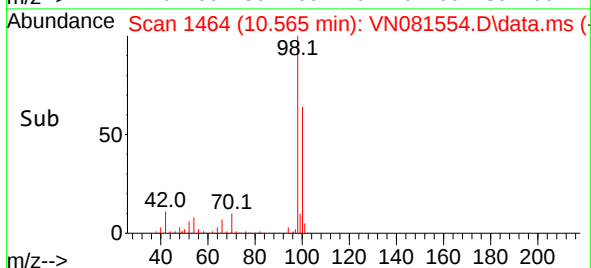
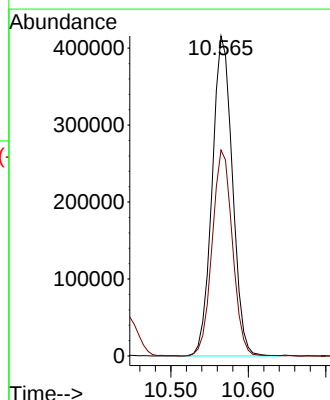
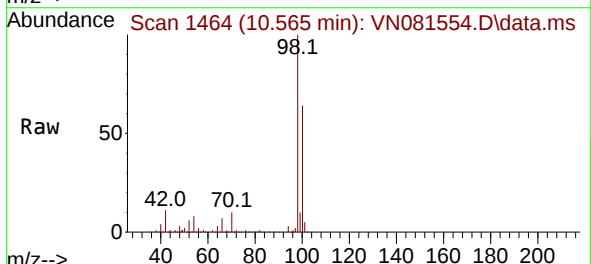
Manual Integrations
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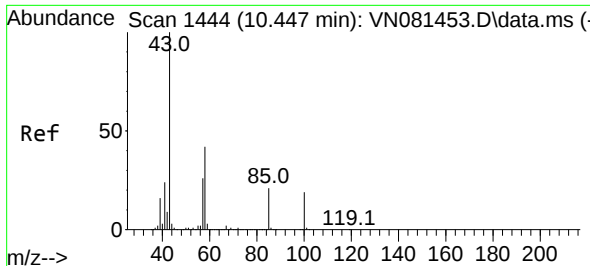
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#50
Toluene-d8
Concen: 51.518 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 98 Resp: 756091
Ion Ratio Lower Upper
98 100
100 64.4 51.4 77.0





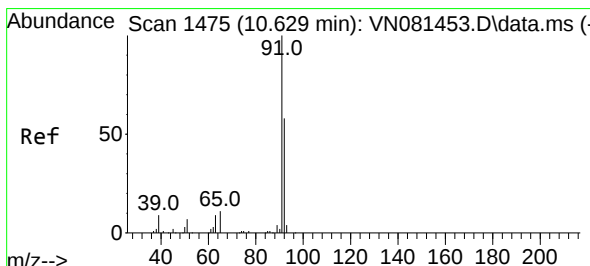
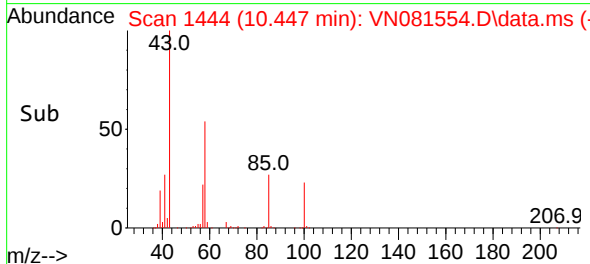
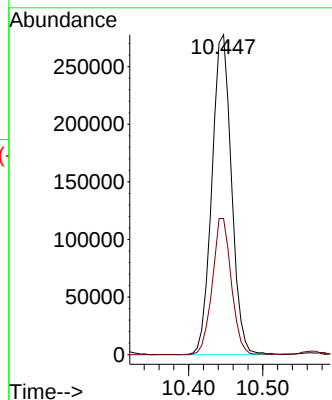
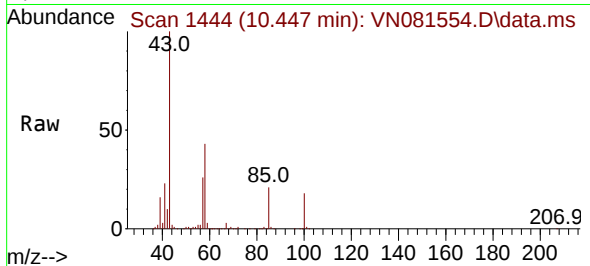
#51
4-Methyl-2-Pentanone
Concen: 86.206 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion: 43 Resp: 51013
Ion Ratio Lower Upper
43 100
58 41.4 29.4 44.0

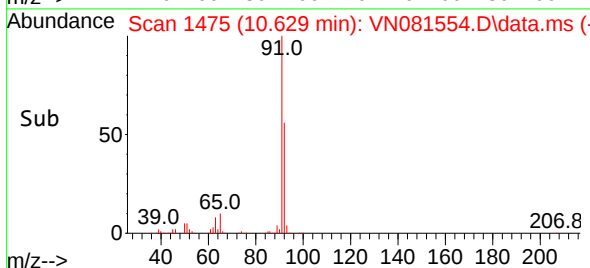
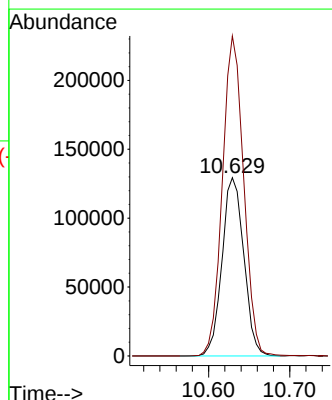
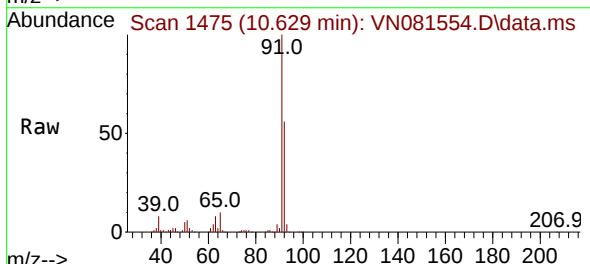
Manual Integrations
APPROVED

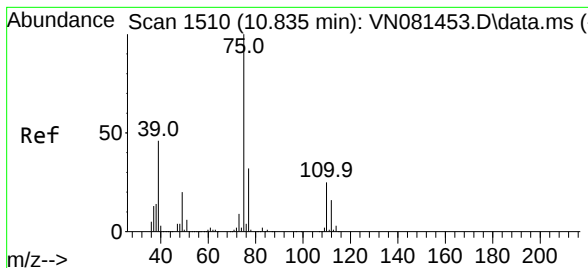
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#52
Toluene
Concen: 18.990 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 92 Resp: 241095
Ion Ratio Lower Upper
92 100
91 175.8 139.4 209.0





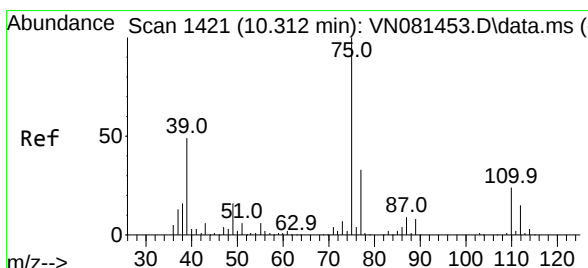
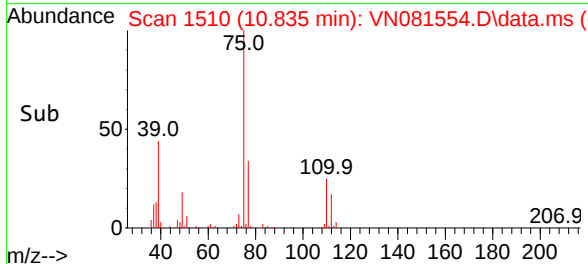
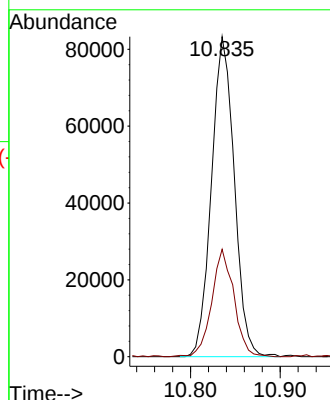
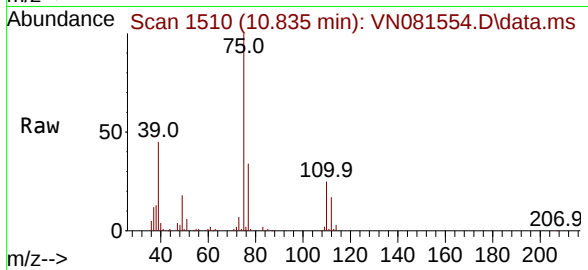
#53
t-1,3-Dichloropropene
Concen: 18.966 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion: 75 Resp: 147208
Ion Ratio Lower Upper
75 100
77 33.6 25.5 38.3

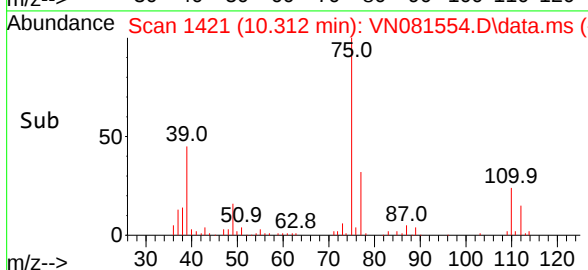
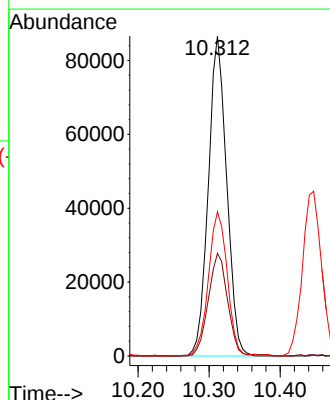
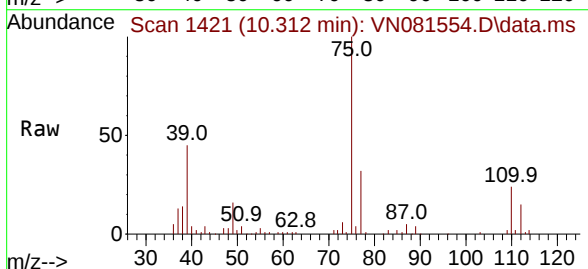
Manual Integrations
APPROVED

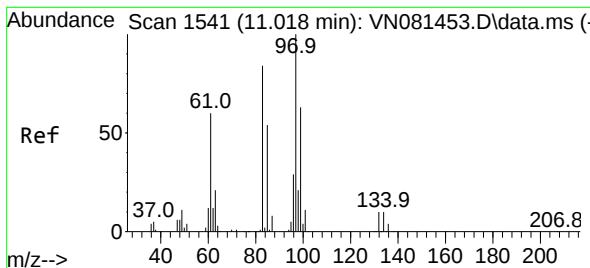
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#54
cis-1,3-Dichloropropene
Concen: 18.690 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

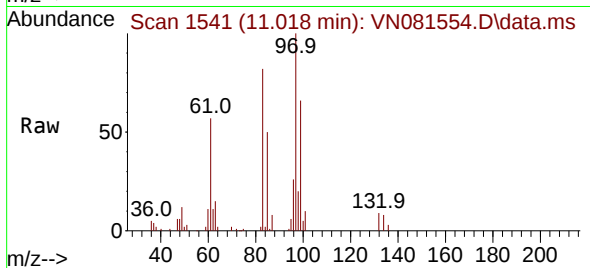
Tgt Ion: 75 Resp: 155533
Ion Ratio Lower Upper
75 100
77 32.0 23.3 34.9
39 45.1 44.6 66.8





#55
1,1,2-Trichloroethane
Concen: 19.015 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

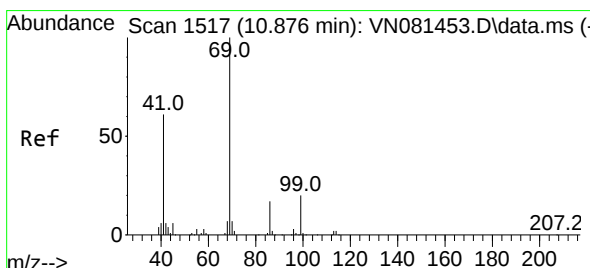
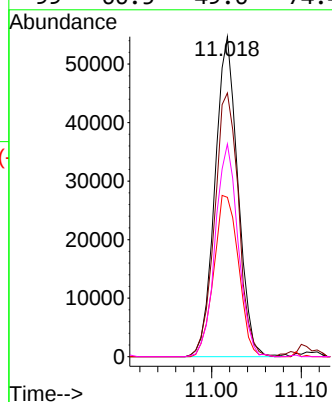
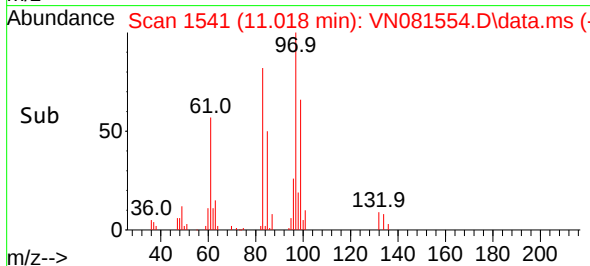
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 97 Resp: 97150
Ion Ratio Lower Upper
97 100
83 82.4 72.9 109.3
85 49.8 50.2 75.2
99 66.5 49.6 74.4

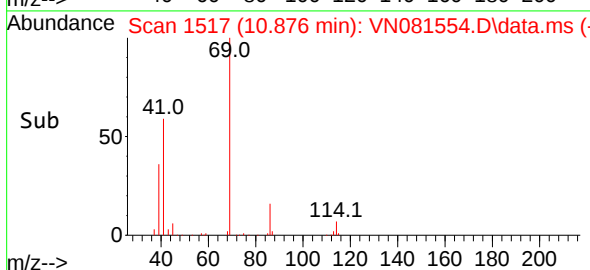
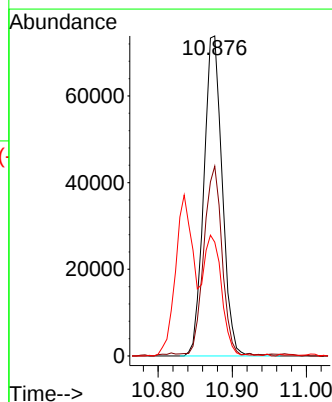
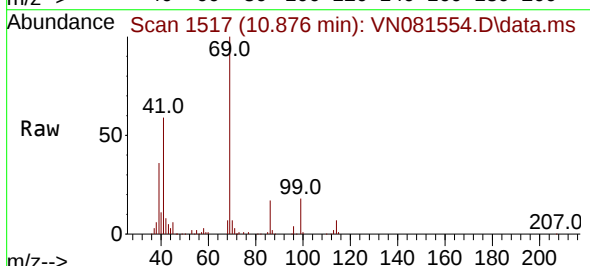
Manual Integrations
APPROVED

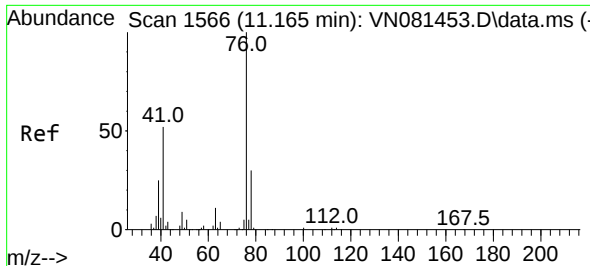
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#56
Ethyl methacrylate
Concen: 18.269 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 69 Resp: 127371
Ion Ratio Lower Upper
69 100
41 57.3 61.0 91.6#
39 37.6 31.8 47.6





#57

1,3-Dichloropropane

Concen: 19.166 ug/l

RT: 11.165 min Scan# 1566

Delta R.T. -0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion: 76 Resp: 160532

Ion Ratio Lower Upper

76 100

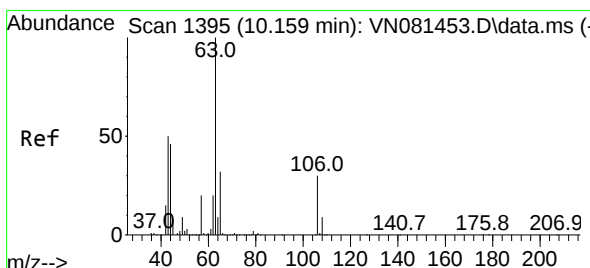
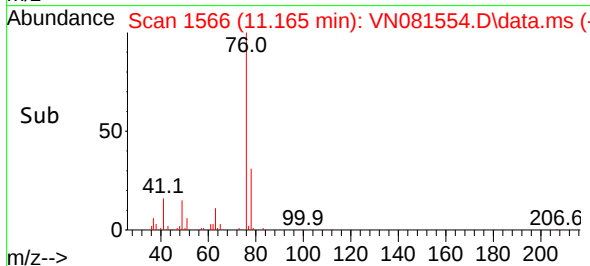
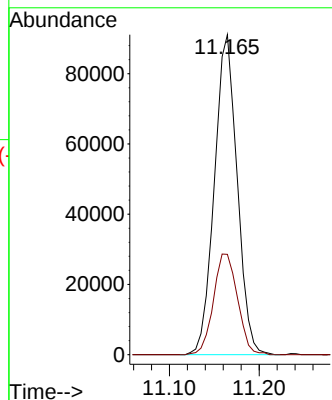
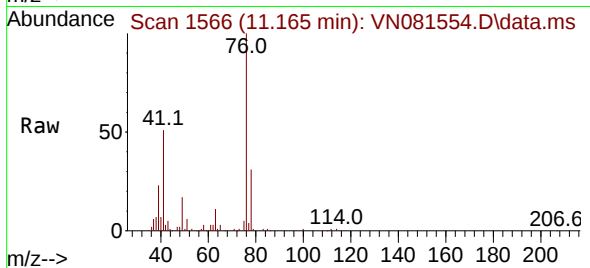
78 33.3 25.5 38.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#58

2-Chloroethyl Vinyl ether

Concen: 107.289 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN081554.D

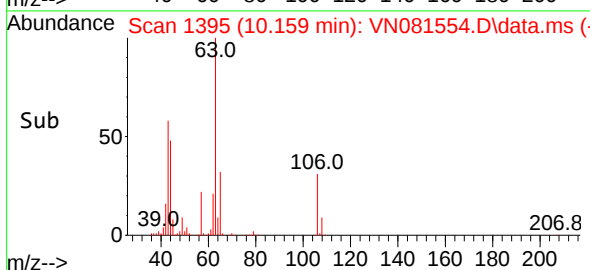
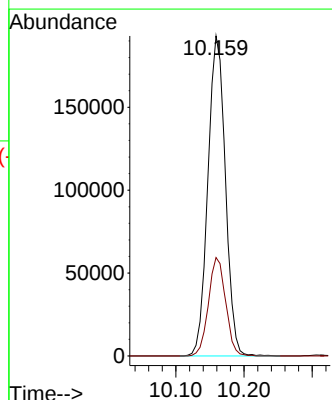
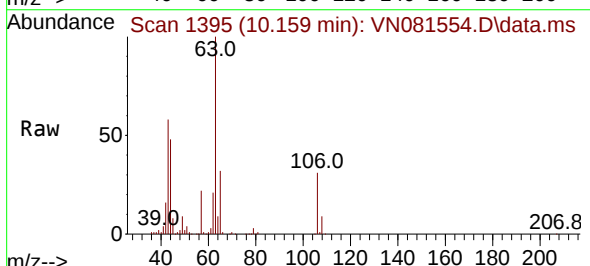
Acq: 25 Mar 2024 12:08

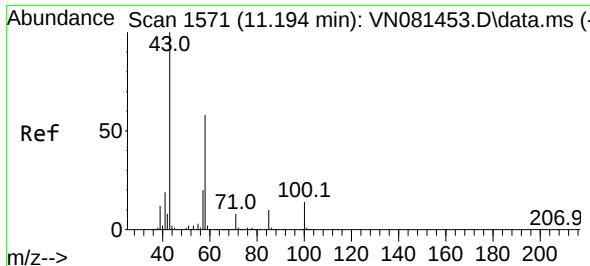
Tgt Ion: 63 Resp: 344928

Ion Ratio Lower Upper

63 100

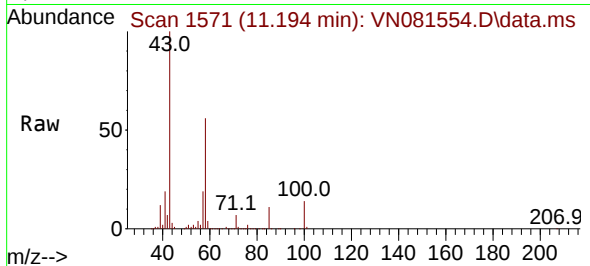
106 30.1 18.6 28.0#





#59
2-Hexanone
Concen: 83.796 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

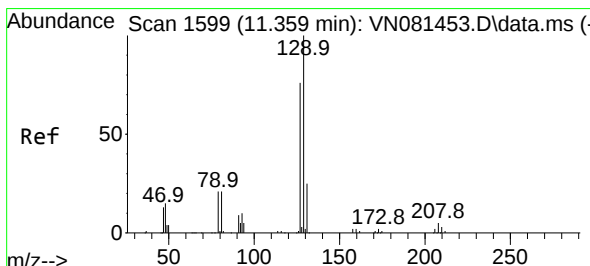
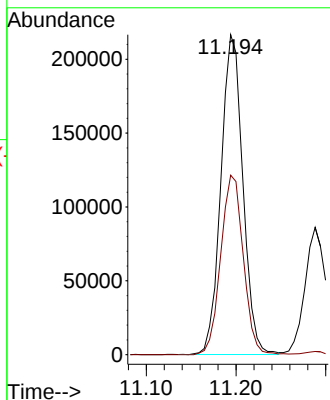
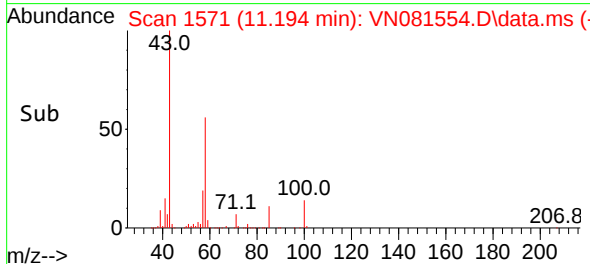
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 43 Resp: 366618
Ion Ratio Lower Upper
43 100
58 57.9 25.9 77.8

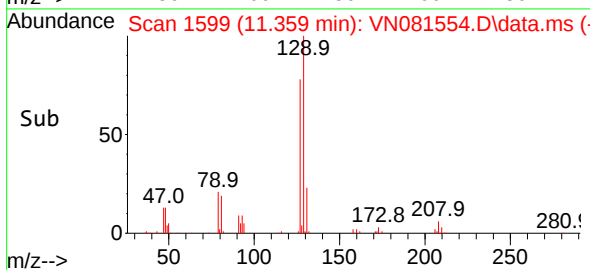
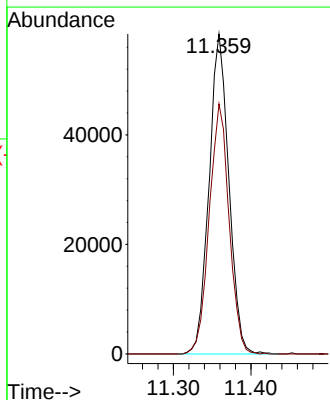
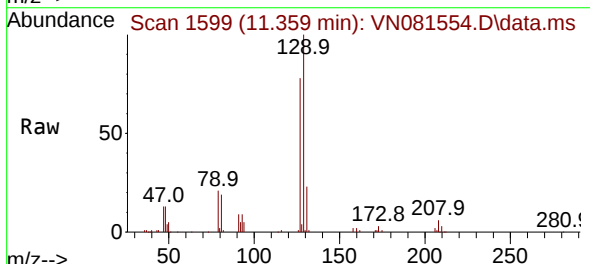
Manual Integrations
APPROVED

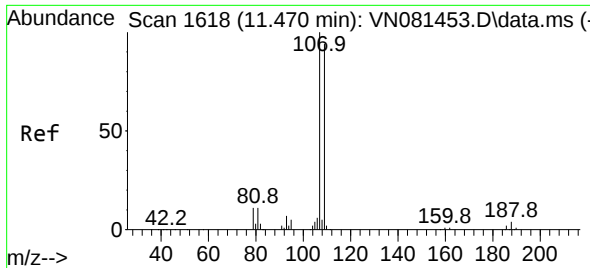
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#60
Dibromochloromethane
Concen: 18.488 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

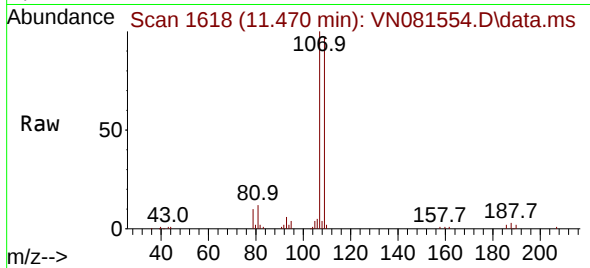
Tgt Ion:129 Resp: 103886
Ion Ratio Lower Upper
129 100
127 78.4 39.4 118.2





#61
1,2-Dibromoethane
Concen: 18.772 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

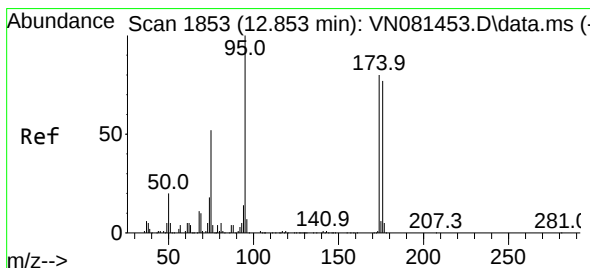
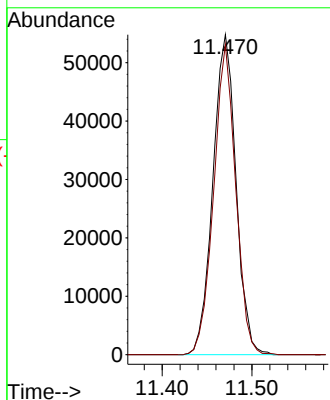
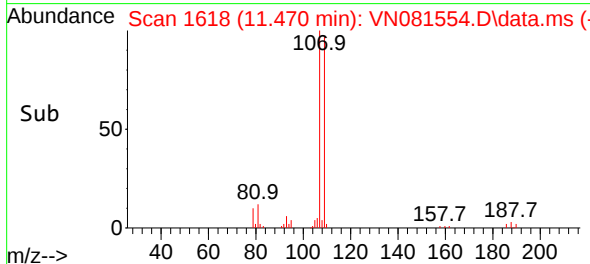
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:107 Resp: 97785
Ion Ratio Lower Upper
107 100
109 92.6 73.4 110.2

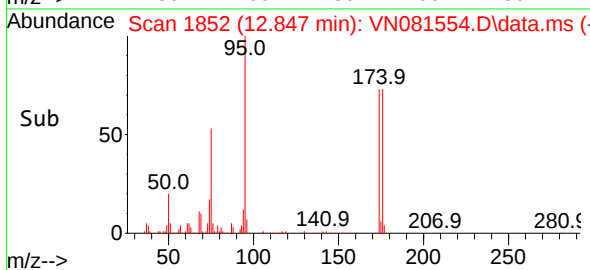
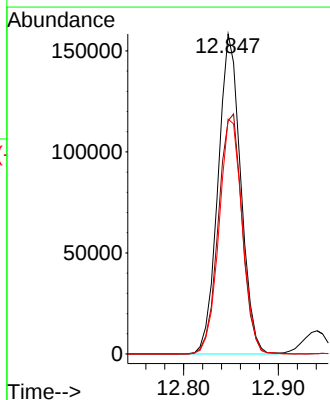
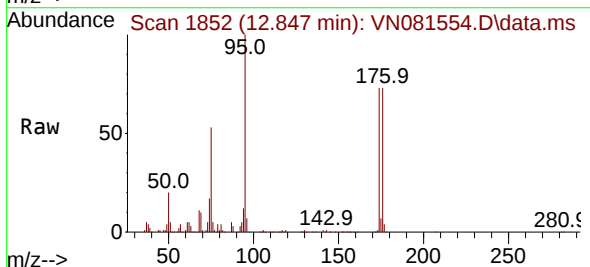
Manual Integrations
APPROVED

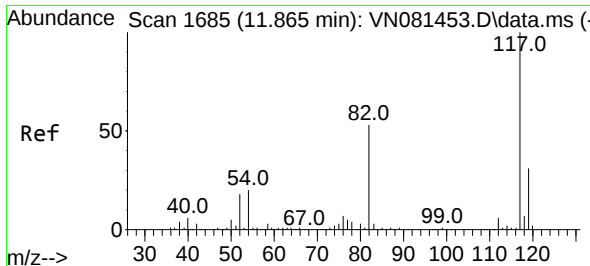
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#62
4-Bromofluorobenzene
Concen: 50.993 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

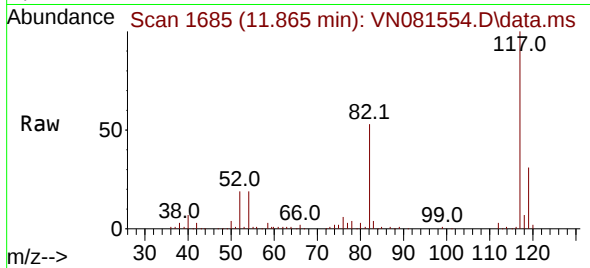
Tgt Ion: 95 Resp: 263700
Ion Ratio Lower Upper
95 100
174 78.2 0.0 120.4
176 75.4 0.0 121.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

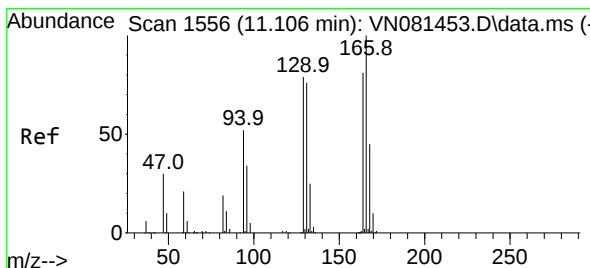
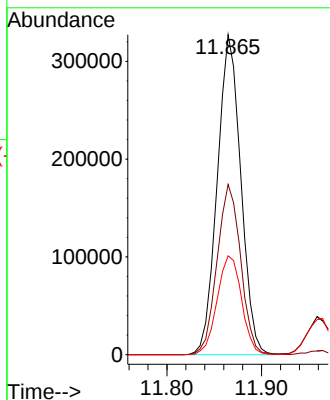
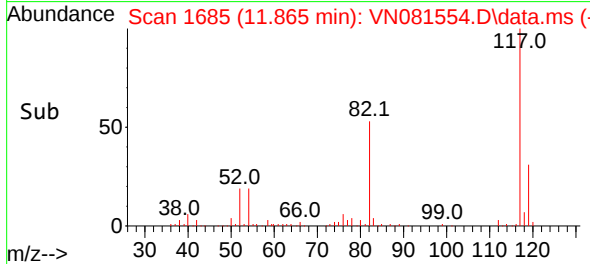
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:117 Resp: 566130
Ion Ratio Lower Upper
117 100
82 53.2 52.7 79.1
119 30.9 25.3 37.9

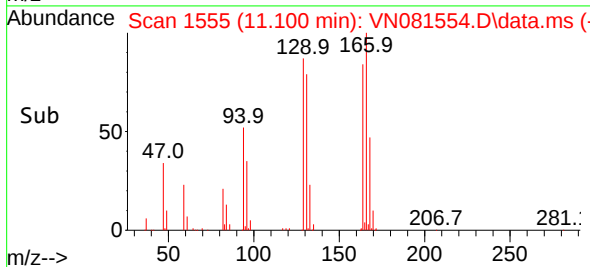
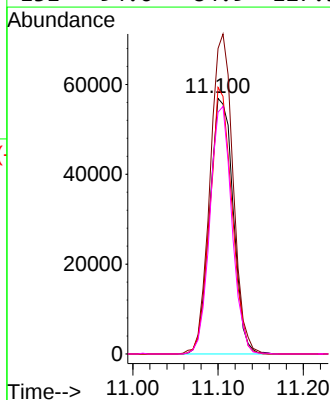
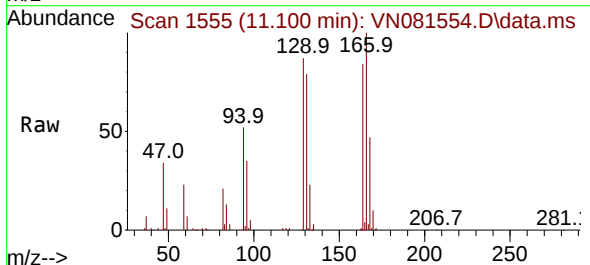
Manual Integrations
APPROVED

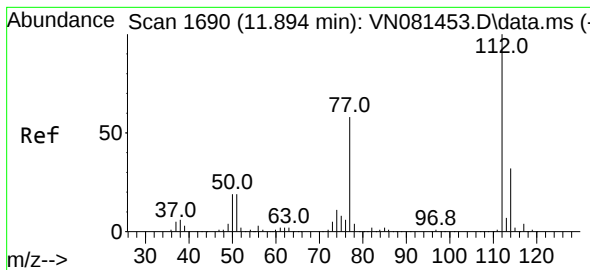
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#64
Tetrachloroethene
Concen: 20.165 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:164 Resp: 109124
Ion Ratio Lower Upper
164 100
166 119.5 105.8 158.6
129 104.3 89.6 134.4
131 94.6 84.9 127.3





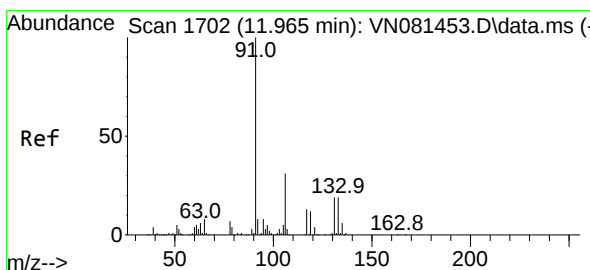
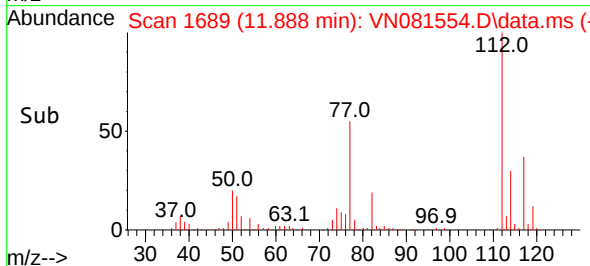
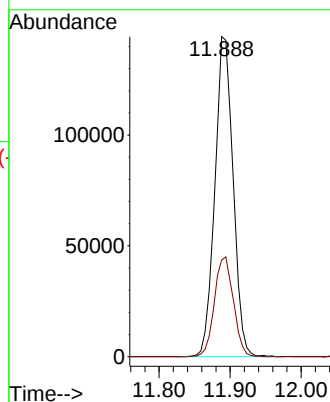
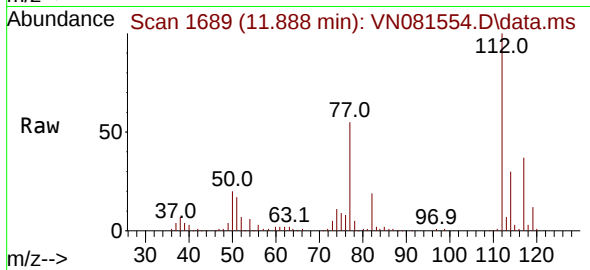
#65
Chlorobenzene
Concen: 19.198 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion:112 Resp: 25694
Ion Ratio Lower Upper
112 100
114 30.2 23.7 35.5

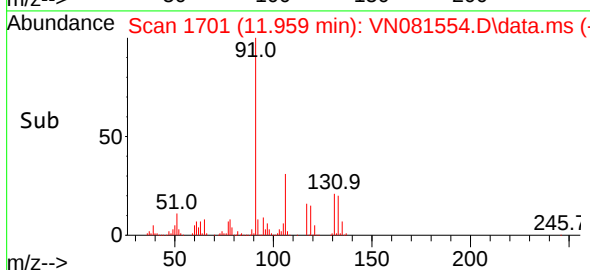
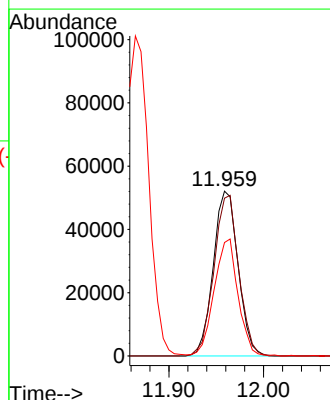
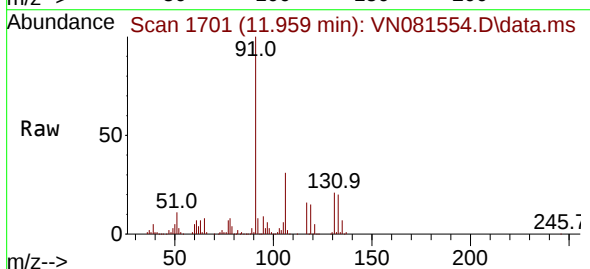
Manual Integrations
APPROVED

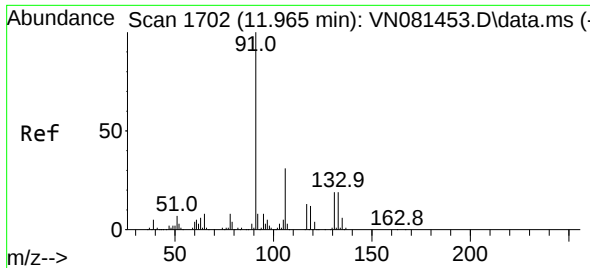
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 19.111 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:131 Resp: 94794
Ion Ratio Lower Upper
131 100
133 97.5 46.8 140.3
119 68.6 34.6 103.9





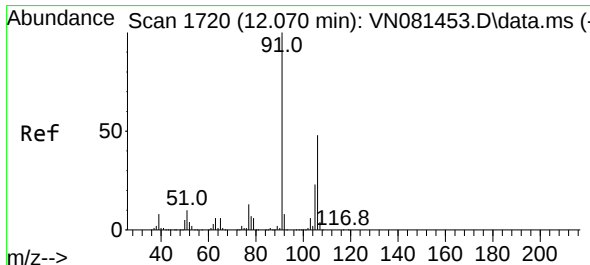
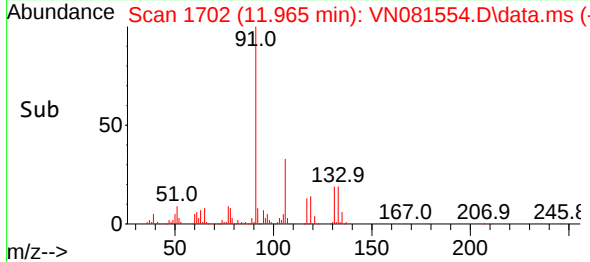
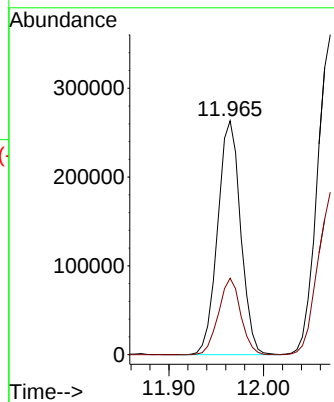
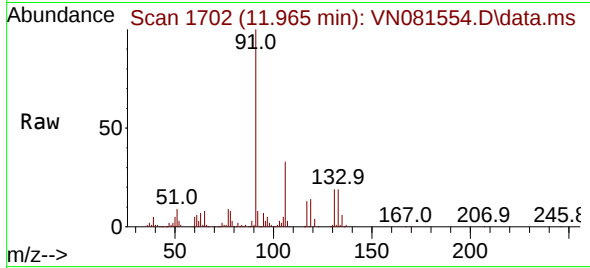
#67
Ethyl Benzene
Concen: 19.121 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion: 91 Resp: 444534
Ion Ratio Lower Upper
91 100
106 32.7 23.8 35.6

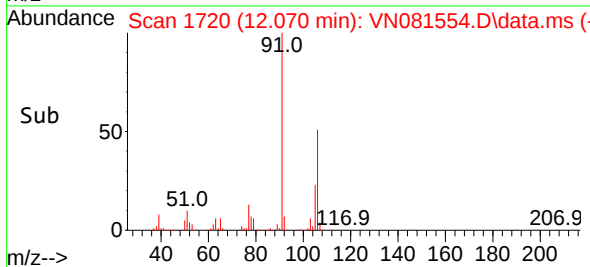
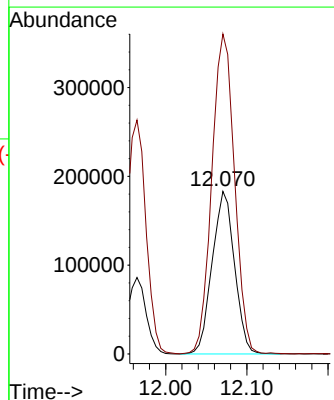
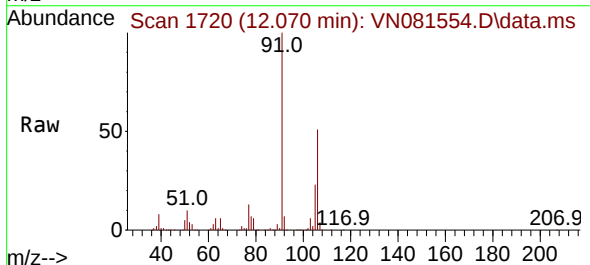
Manual Integrations
APPROVED

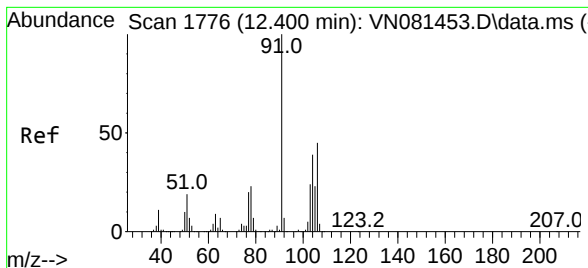
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#68
m/p-Xylenes
Concen: 40.225 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:106 Resp: 350570
Ion Ratio Lower Upper
106 100
91 199.4 169.0 253.6





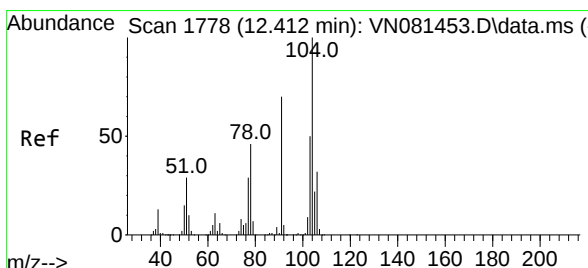
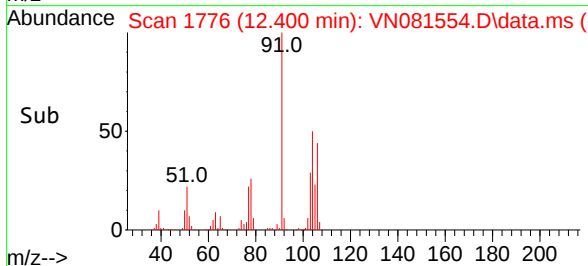
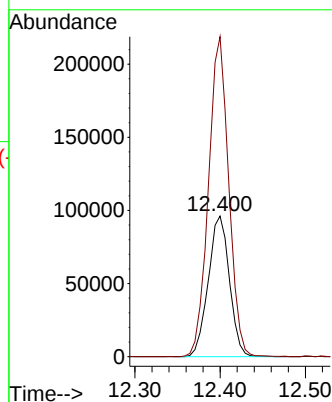
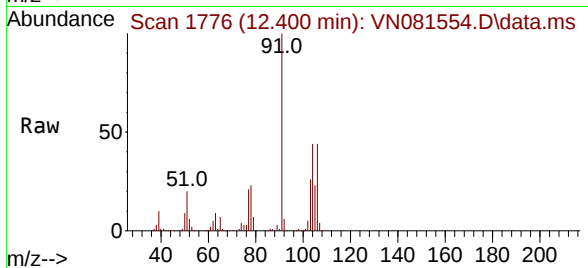
#69
o-Xylene
Concen: 19.371 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion:106 Resp: 16574
Ion Ratio Lower Upper
106 100
91 218.0 112.1 336.3

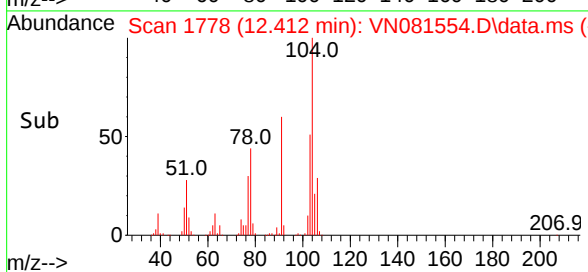
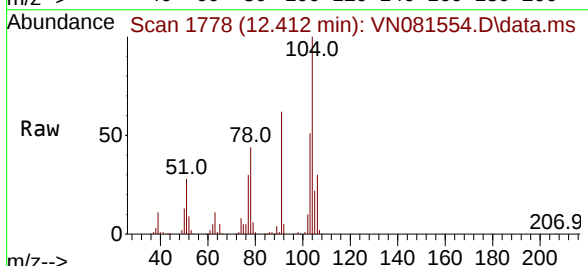
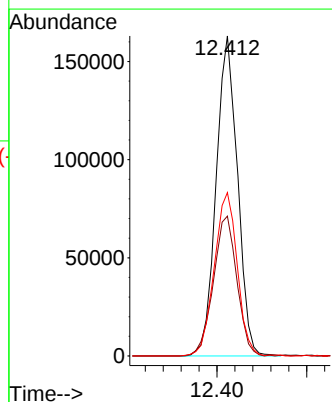
Manual Integrations
APPROVED

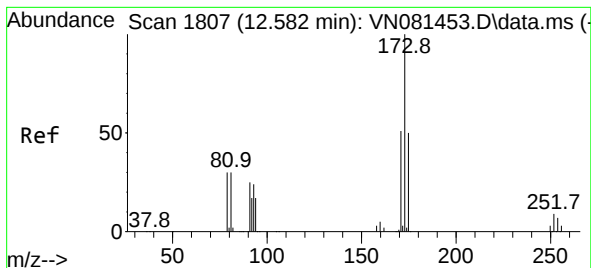
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#70
Styrene
Concen: 19.502 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:104 Resp: 269119
Ion Ratio Lower Upper
104 100
78 48.1 43.8 65.8
103 55.1 44.2 66.2





#71

Bromoform

Concen: 17.745 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

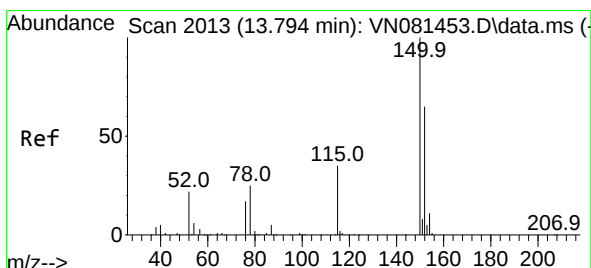
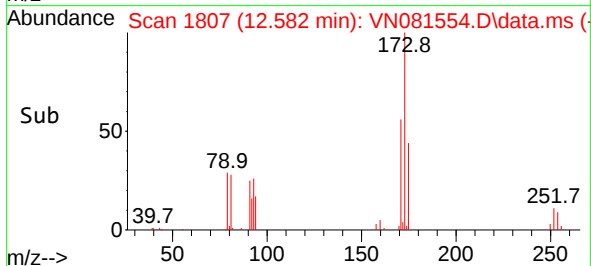
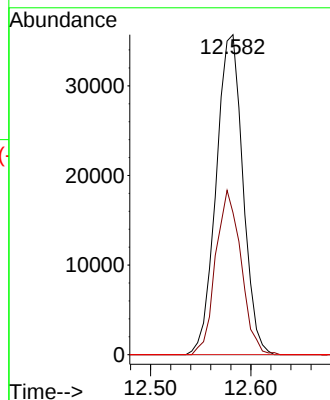
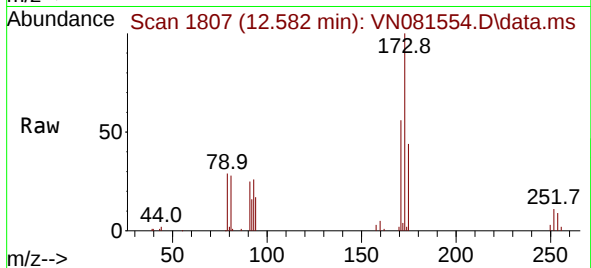
Tgt Ion:	173	Resp:	6614
Ion Ratio	Lower	Upper	
173	100		
175	48.9	23.1	69.2
254	0.0	0.0	0.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

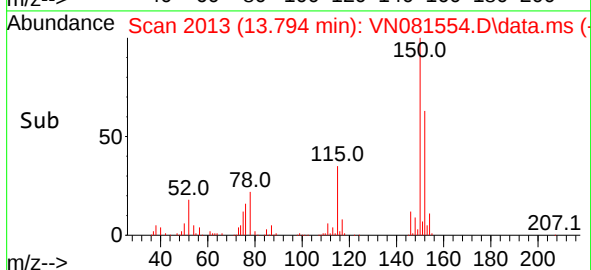
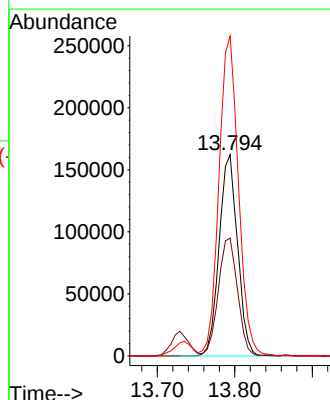
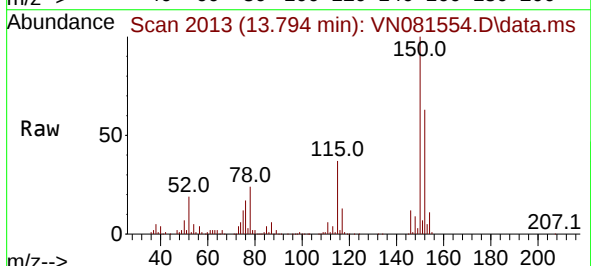
RT: 13.794 min Scan# 2013

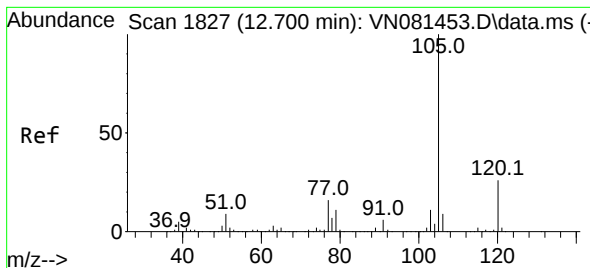
Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Tgt Ion:	152	Resp:	268692
Ion Ratio	Lower	Upper	
152	100		
115	61.2	32.3	96.8
150	167.5	0.0	339.8





#73

Isopropylbenzene

Concen: 19.019 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion:105 Resp: 435609

Ion Ratio Lower Upper

105 100

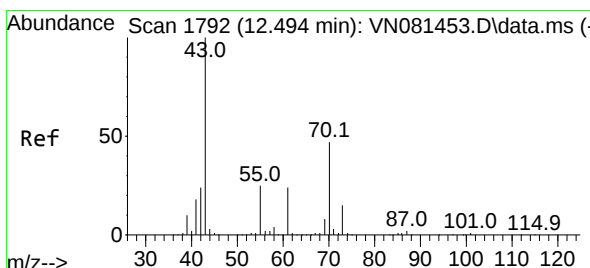
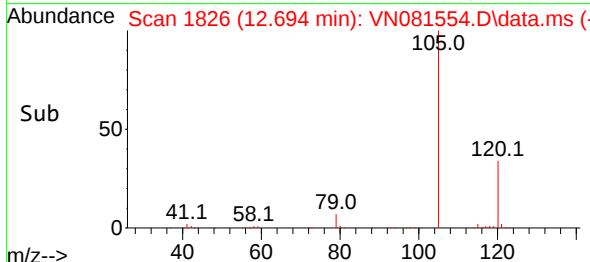
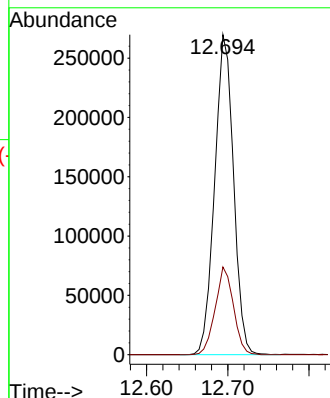
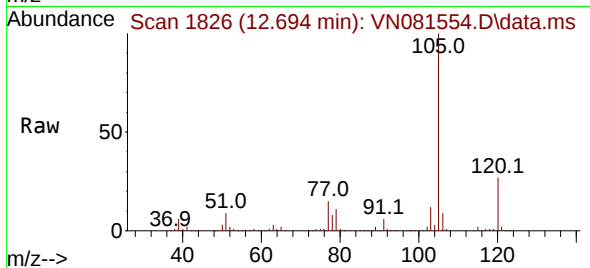
120 26.4 12.6 37.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#74

N-ethyl acetate

Concen: 17.441 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Tgt Ion: 43 Resp: 144563

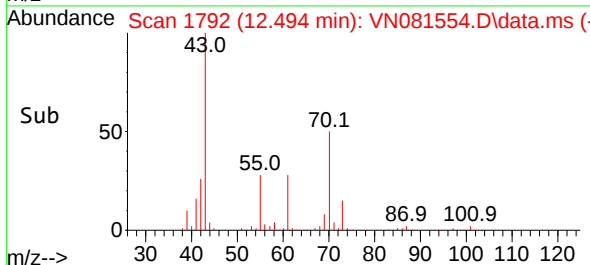
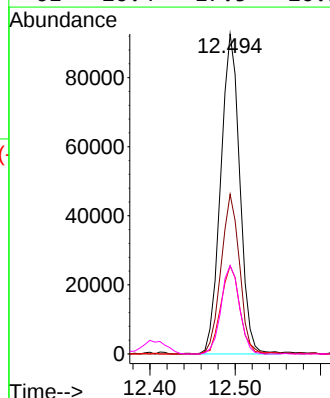
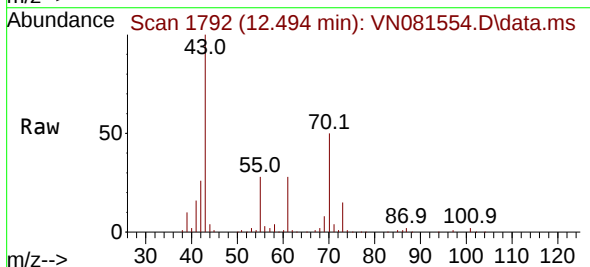
Ion Ratio Lower Upper

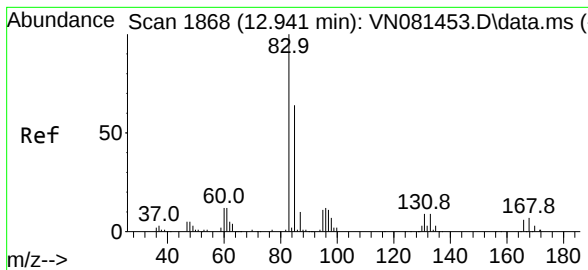
43 100

70 48.0 30.1 45.1#

55 27.6 17.0 25.4#

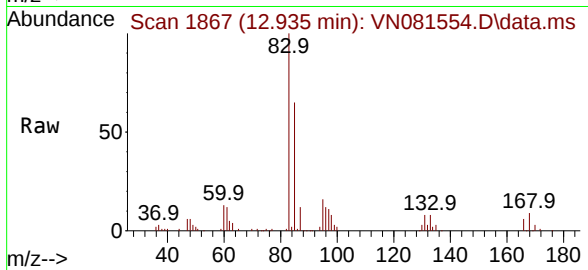
61 26.4 17.5 26.3#





#75
1,1,2,2-Tetrachloroethane
Concen: 17.530 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

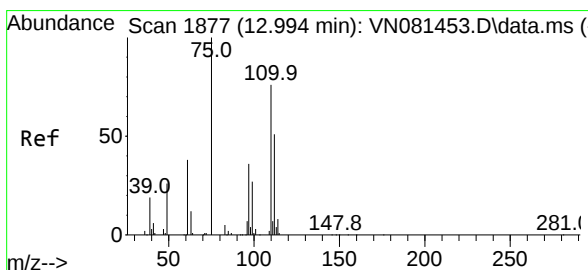
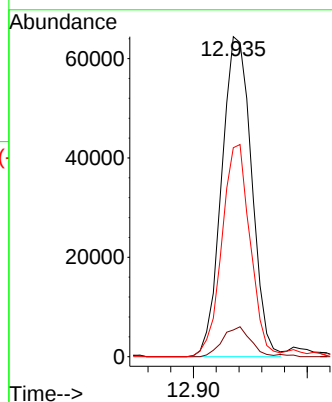
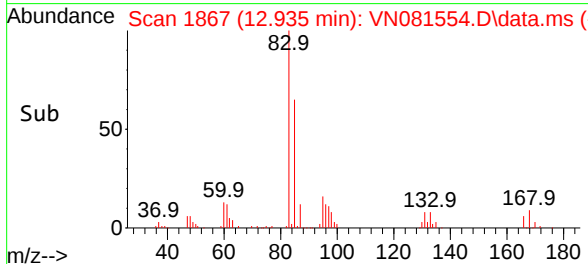
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 83 Resp: 118040
Ion Ratio Lower Upper
83 100
131 8.7 4.1 12.3
85 62.6 32.1 96.3

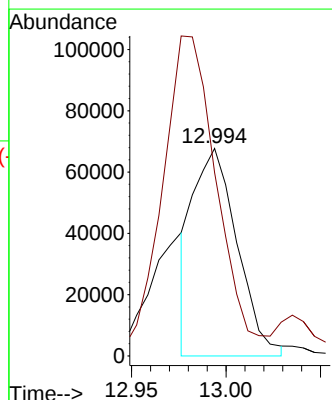
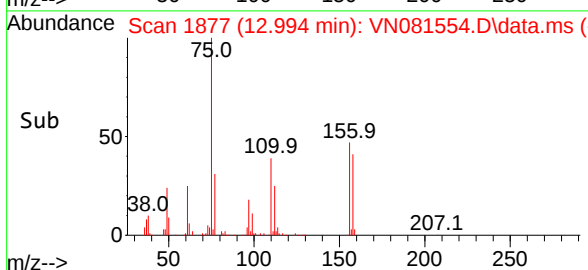
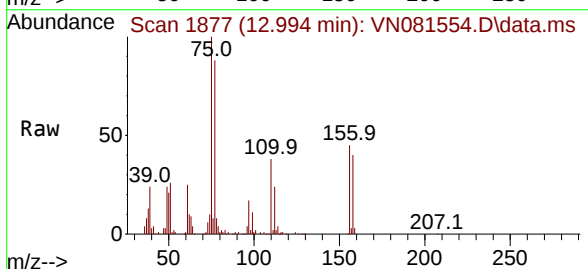
Manual Integrations
APPROVED

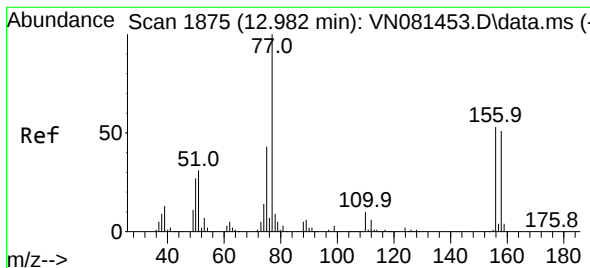
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#76
1,2,3-Trichloropropane
Concen: 17.144 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 75 Resp: 110187
Ion Ratio Lower Upper
75 100
77 191.7 91.0 272.8





#77

Bromobenzene

Concen: 18.317 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion:156 Resp: 10363

Ion Ratio Lower Upper

156 100

77 203.9 138.1 414.3

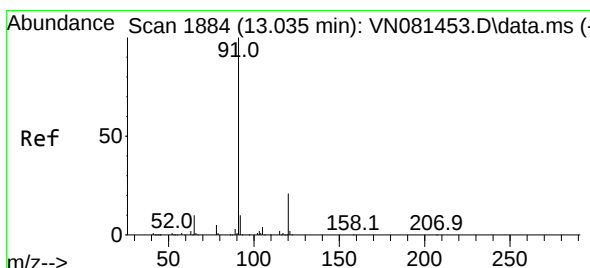
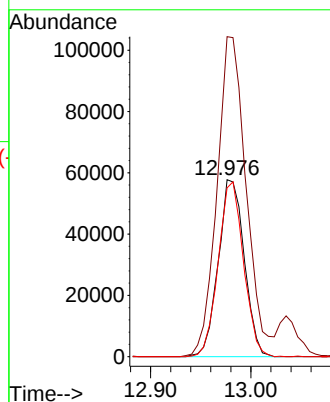
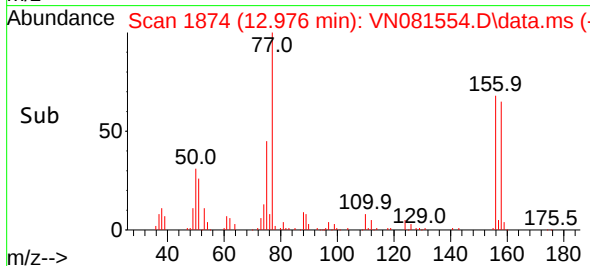
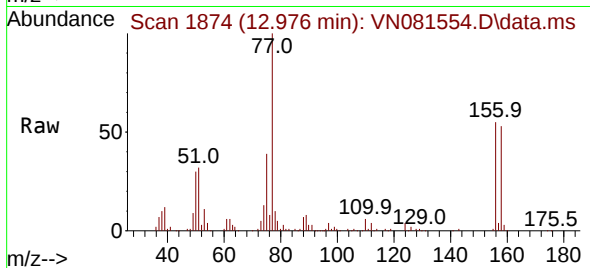
158 96.2 46.5 139.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#78

n-propylbenzene

Concen: 19.171 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN081554.D

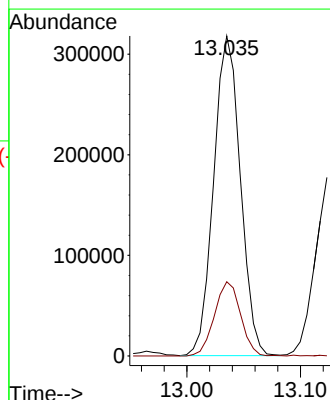
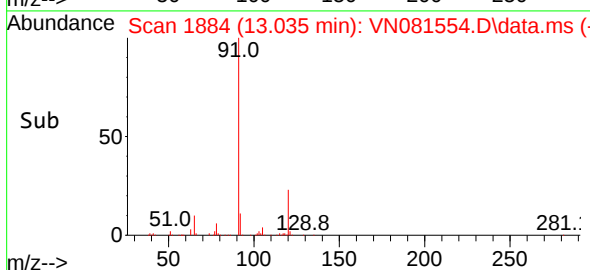
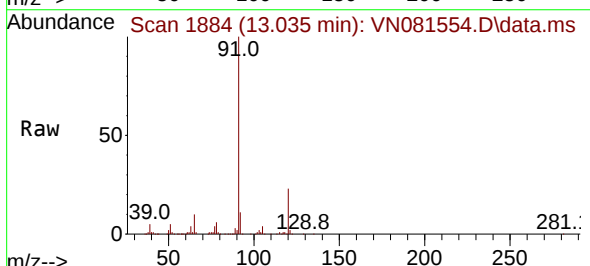
Acq: 25 Mar 2024 12:08

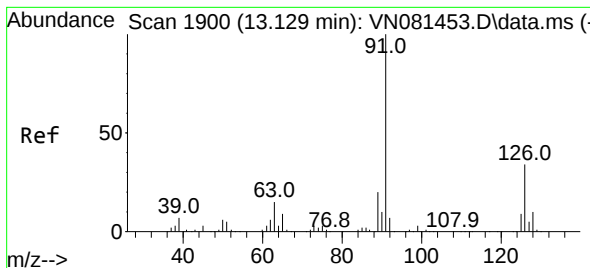
Tgt Ion: 91 Resp: 518530

Ion Ratio Lower Upper

91 100

120 22.7 10.3 30.9





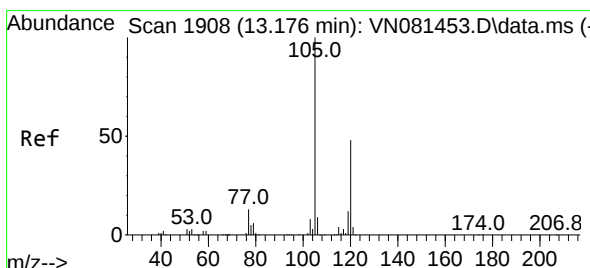
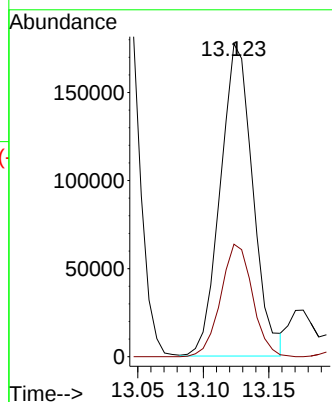
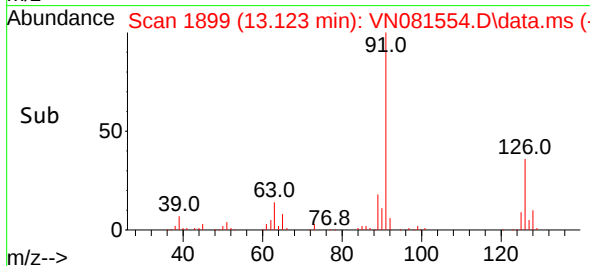
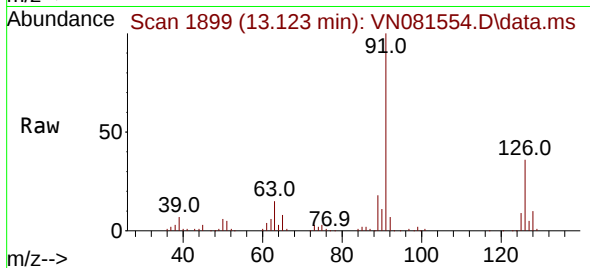
#79
2-Chlorotoluene
Concen: 18.899 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion: 91 Resp: 30594
Ion Ratio Lower Upper
91 100
126 35.1 14.8 44.4

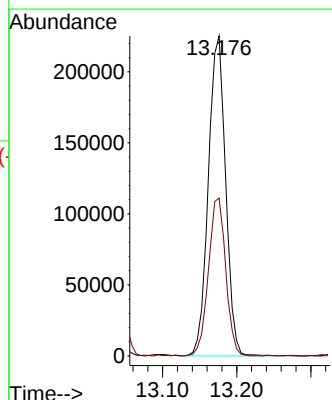
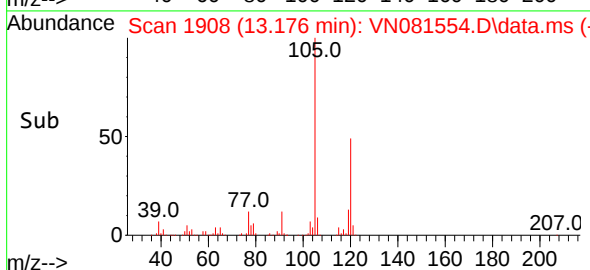
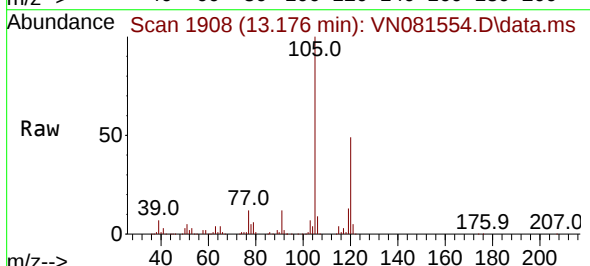
Manual Integrations
APPROVED

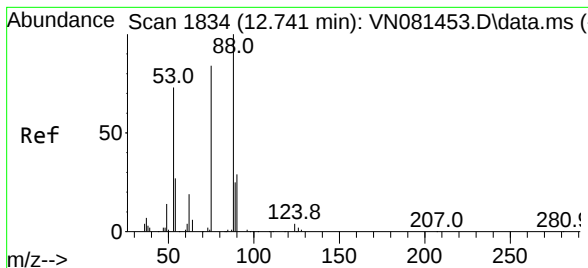
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#80
1,3,5-Trimethylbenzene
Concen: 19.287 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

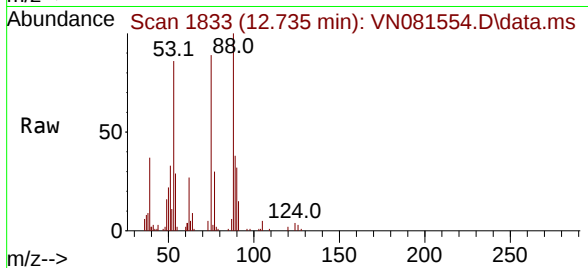
Tgt Ion:105 Resp: 364859
Ion Ratio Lower Upper
105 100
120 49.4 23.0 69.0





#81
trans-1,4-Dichloro-2-butene
Concen: 18.838 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

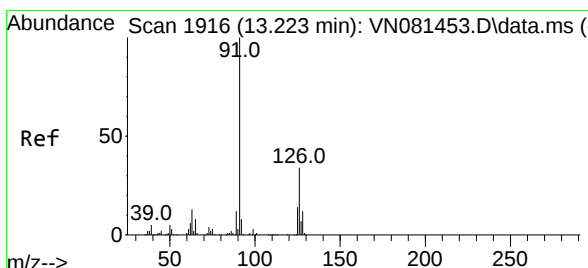
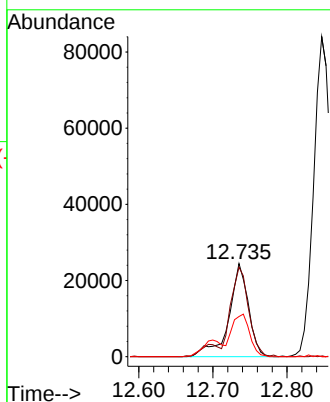
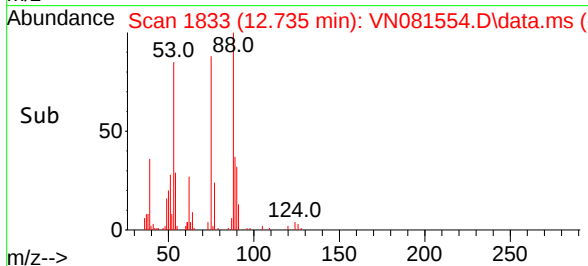
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion: 75 Resp: 44804
Ion Ratio Lower Upper
75 100
53 86.6 71.4 107.2
89 41.1 33.4 50.0

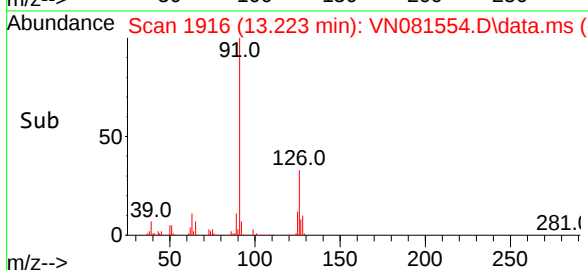
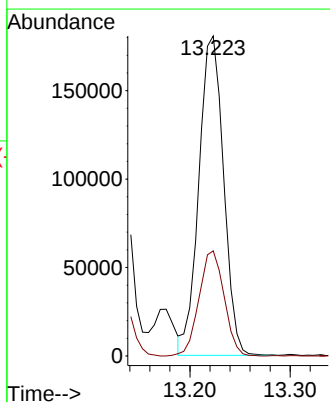
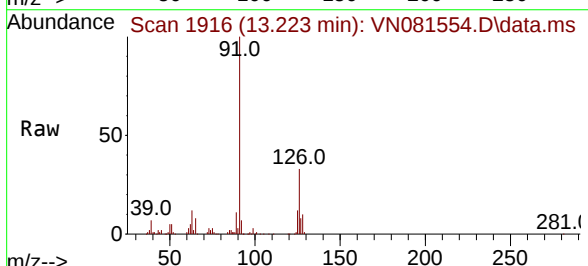
Manual Integrations
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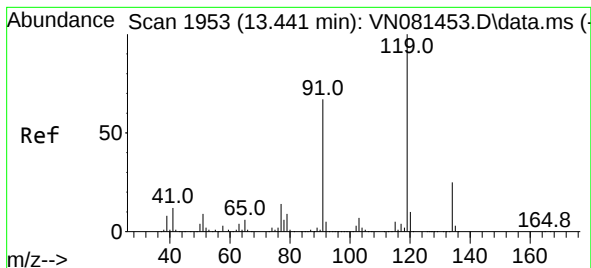
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#82
4-Chlorotoluene
Concen: 19.384 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion: 91 Resp: 309374
Ion Ratio Lower Upper
91 100
126 33.5 15.3 45.9





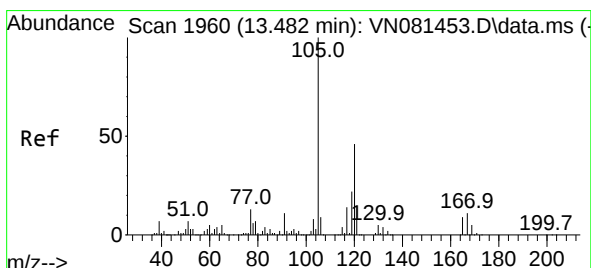
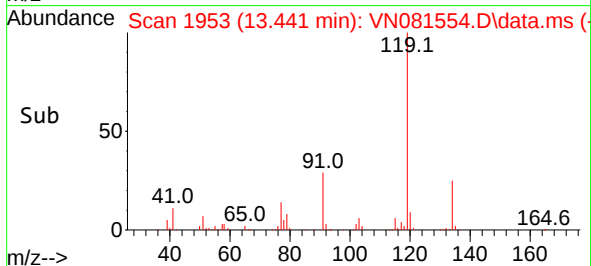
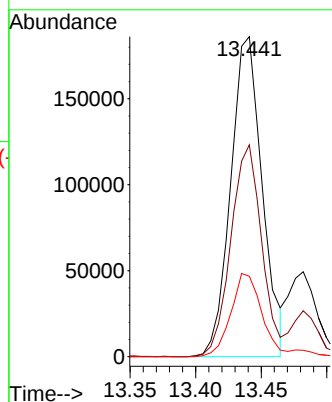
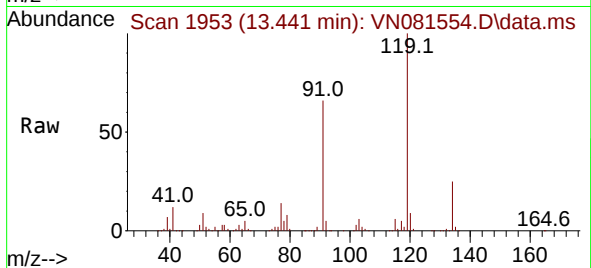
#83
tert-Butylbenzene
Concen: 19.077 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion:119 Resp: 31120
Ion Ratio Lower Upper
119 100
91 64.6 36.8 110.4
134 25.4 12.4 37.4

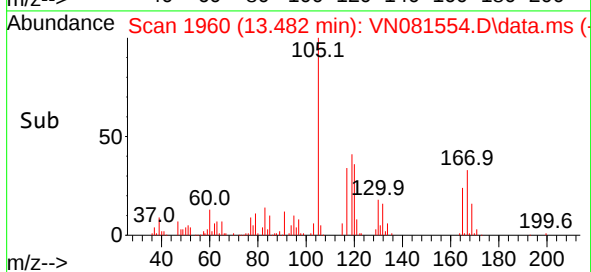
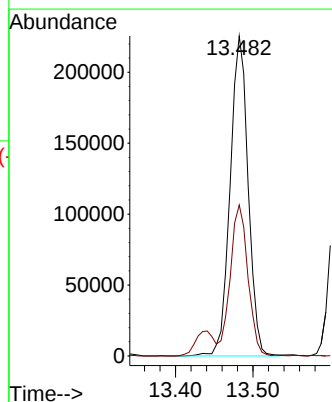
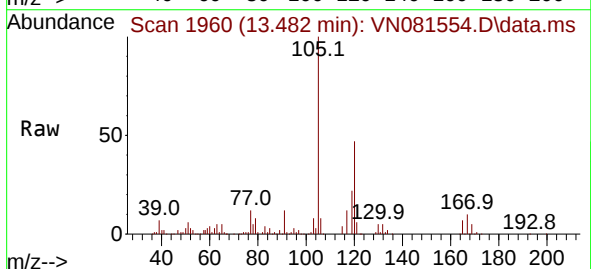
Manual Integrations
APPROVED

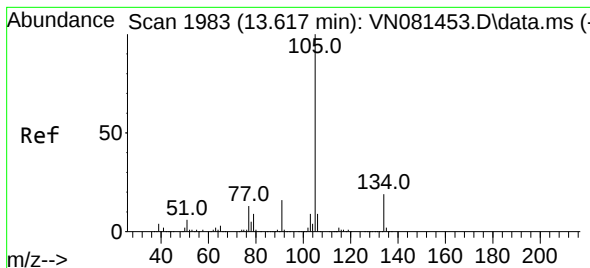
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#84
1,2,4-Trimethylbenzene
Concen: 19.188 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:105 Resp: 364824
Ion Ratio Lower Upper
105 100
120 46.3 20.9 62.7





#85

sec-Butylbenzene

Concen: 19.172 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

Tgt Ion:105 Resp: 44709

Ion Ratio Lower Upper

105 100

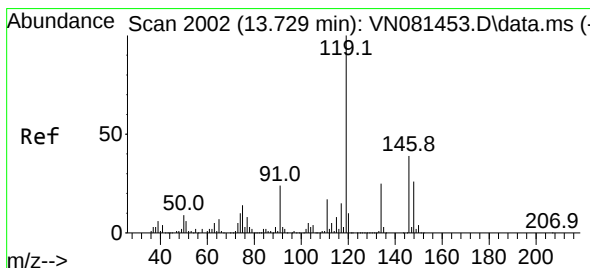
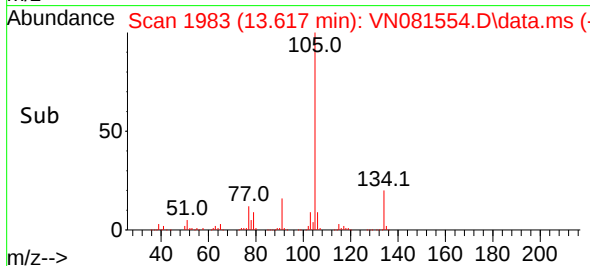
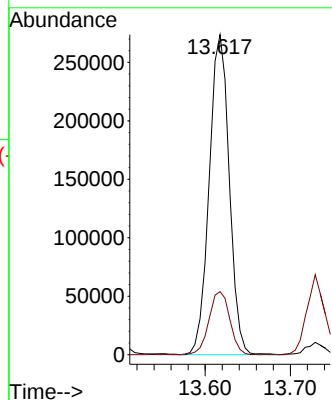
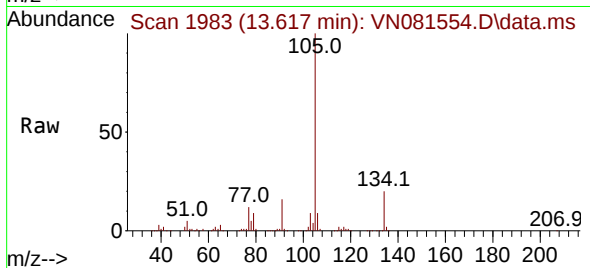
134 20.5 8.6 25.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#86

p-Isopropyltoluene

Concen: 19.606 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

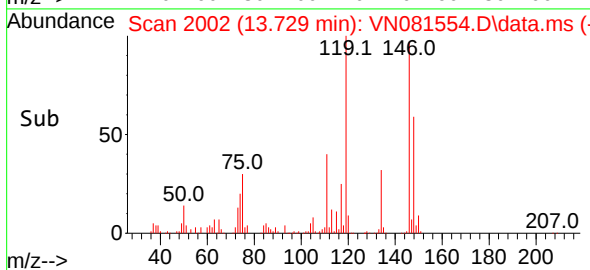
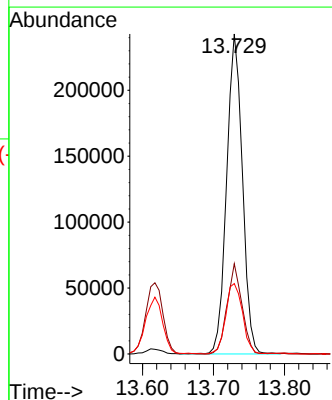
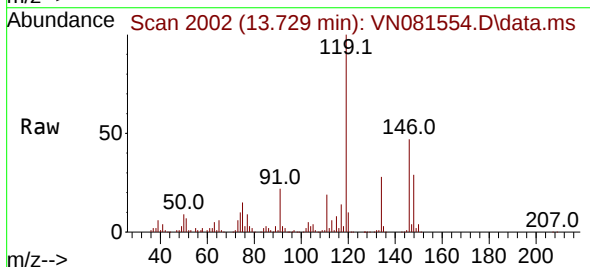
Tgt Ion:119 Resp: 373752

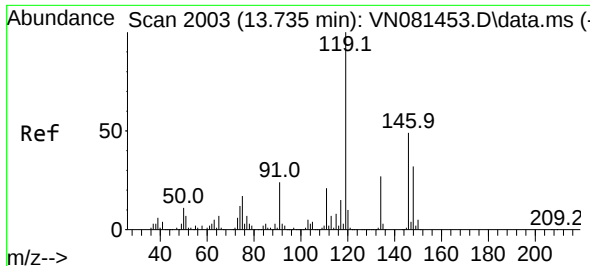
Ion Ratio Lower Upper

119 100

134 26.6 12.4 37.2

91 23.6 13.5 40.4





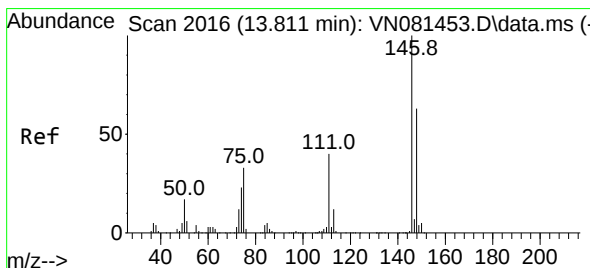
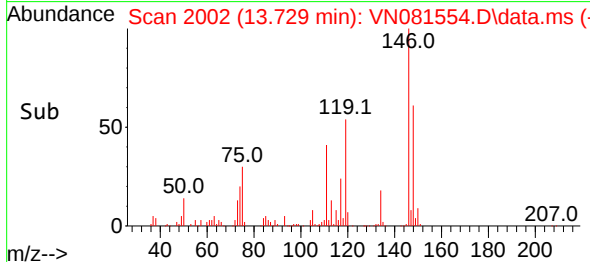
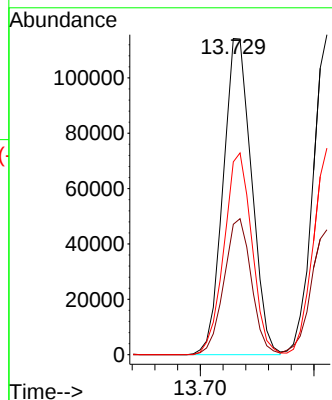
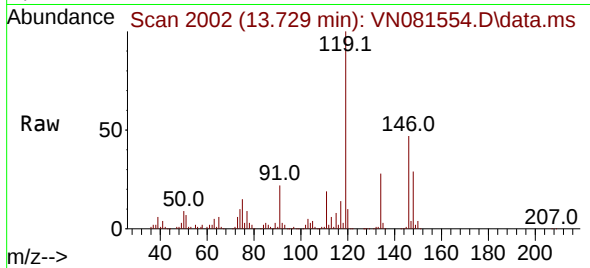
#87
1,3-Dichlorobenzene
Concen: 19.090 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01

Tgt Ion:146 Resp: 19844
Ion Ratio Lower Upper
146 100
111 41.5 23.9 71.7
148 62.6 32.6 97.7

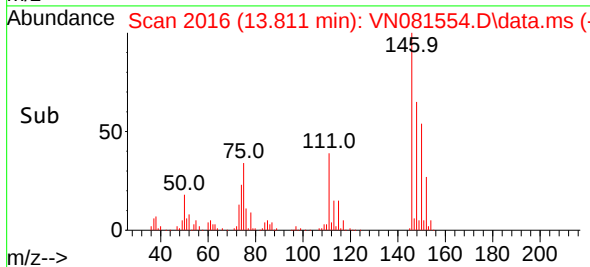
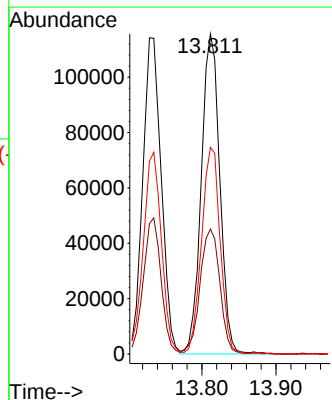
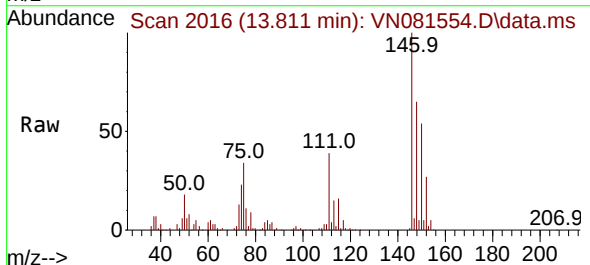
Manual Integrations
APPROVED

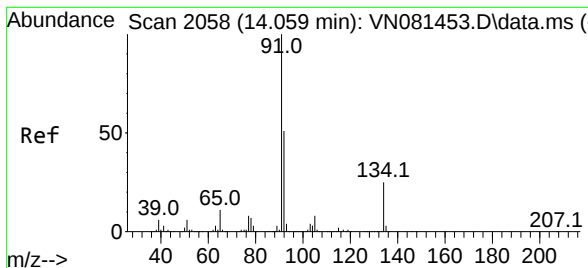
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#88
1,4-Dichlorobenzene
Concen: 18.658 ug/l
RT: 13.811 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

Tgt Ion:146 Resp: 200833
Ion Ratio Lower Upper
146 100
111 41.3 22.6 67.7
148 64.4 31.9 95.5





#89

n-Butylbenzene

Concen: 18.899 ug/l

RT: 14.053 min Scan# 2058

Delta R.T. -0.006 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VN0325WBSD01

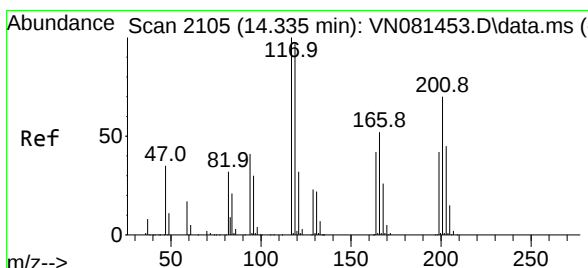
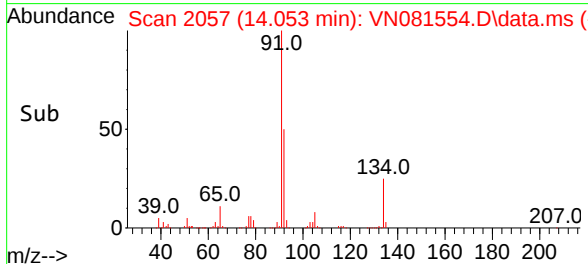
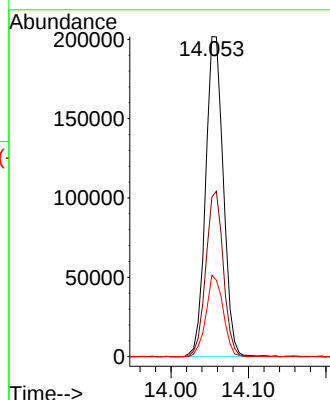
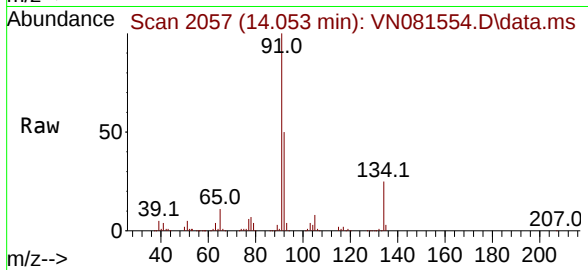
Tgt Ion: 91	Resp: 31945
Ion Ratio	Lower Upper
91	100
92	51.2 26.7 80.1
134	24.7 10.8 32.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 03/26/2024

Supervised By :Mahesh Dadoda 03/26/2024



#90

Hexachloroethane

Concen: 18.767 ug/l

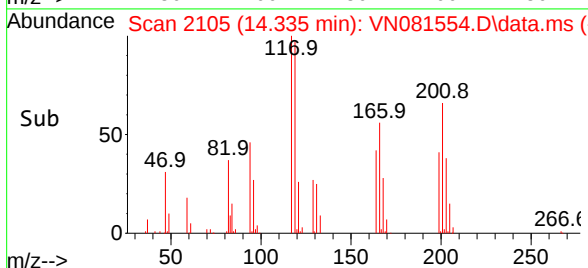
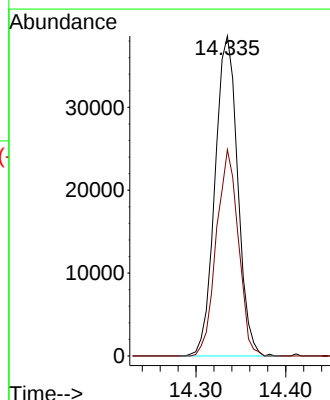
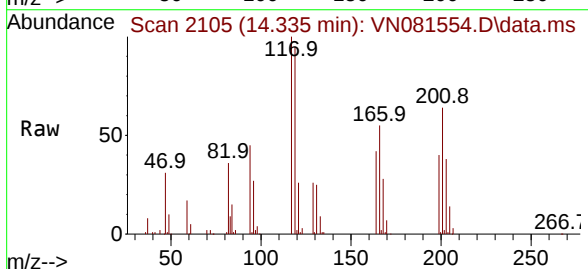
RT: 14.335 min Scan# 2105

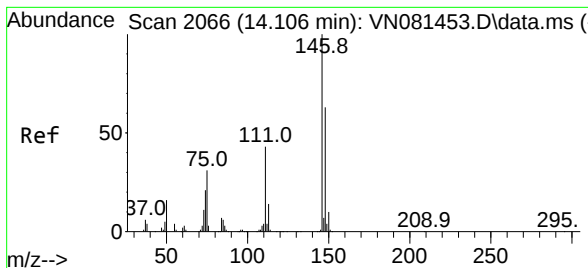
Delta R.T. -0.000 min

Lab File: VN081554.D

Acq: 25 Mar 2024 12:08

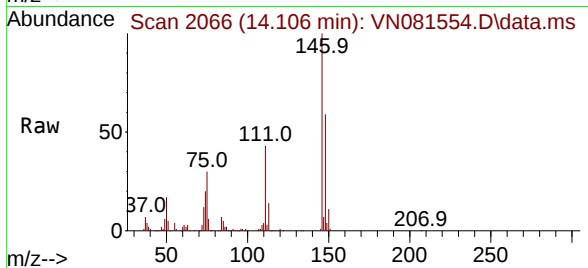
Tgt Ion:117	Resp: 67754
Ion Ratio	Lower Upper
117	100
201	62.6 30.0 90.0





#91
1,2-Dichlorobenzene
Concen: 19.867 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

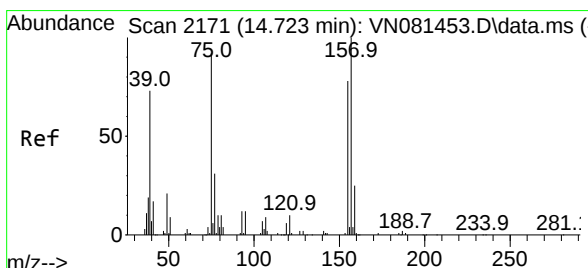
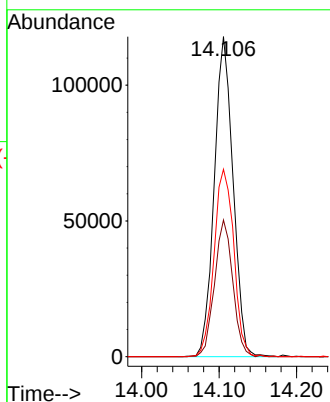
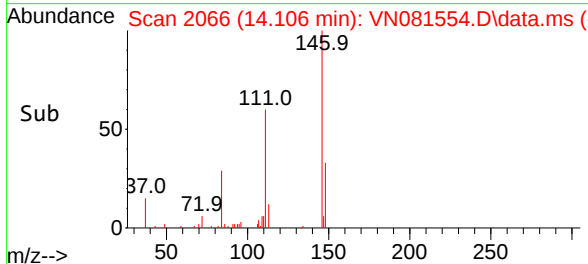
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:146 Resp: 198770
Ion Ratio Lower Upper
146 100
111 41.5 23.9 71.8
148 61.5 31.4 94.0

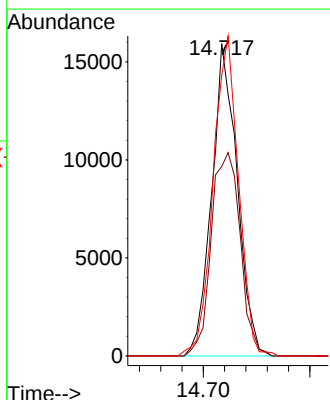
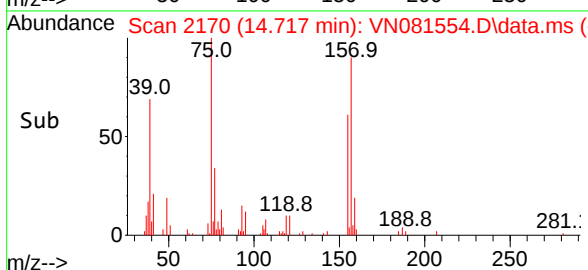
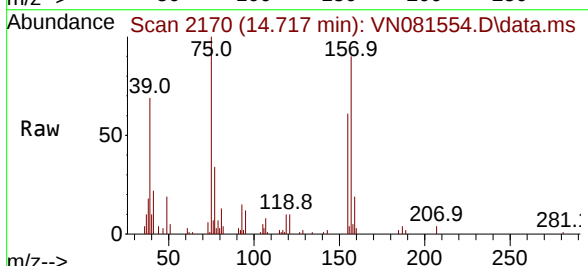
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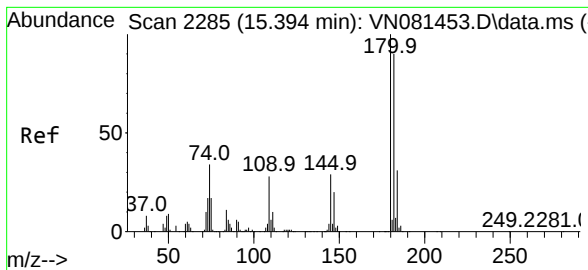
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.442 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

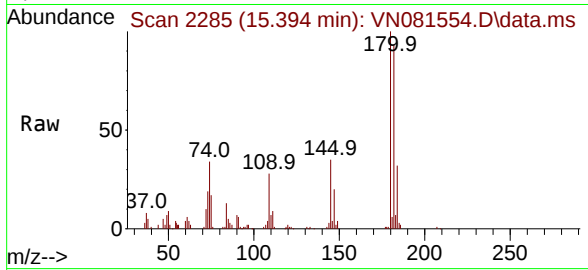
Tgt Ion: 75 Resp: 26430
Ion Ratio Lower Upper
75 100
155 74.0 31.8 95.4
157 102.0 41.1 123.4





#93
1,2,4-Trichlorobenzene
Concen: 18.197 ug/l
RT: 15.394 min Scan# 2100
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

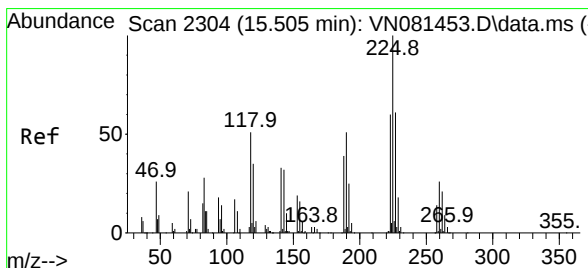
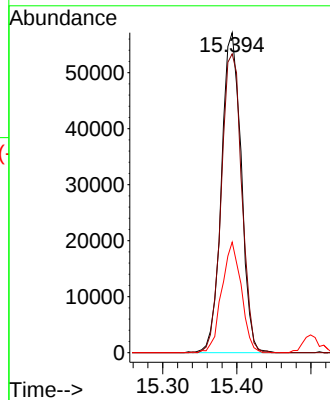
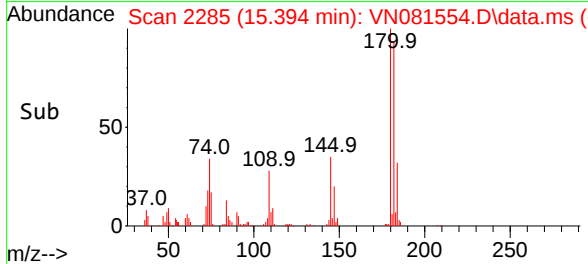
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



Tgt Ion:180 Resp: 105274
Ion Ratio Lower Upper
180 100
182 96.7 46.6 139.7
145 34.4 16.8 50.3

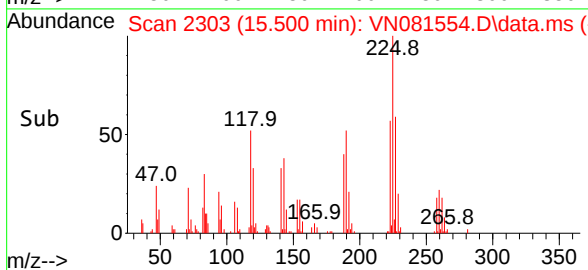
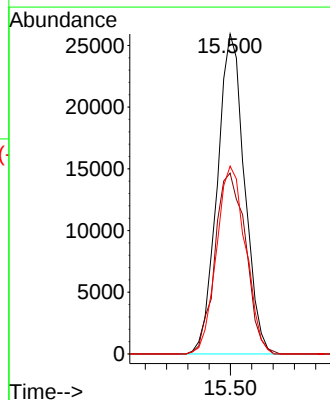
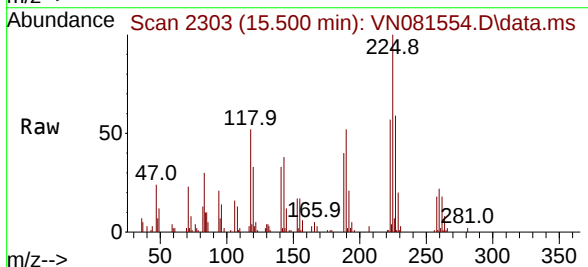
Manual Integrations
APPROVED

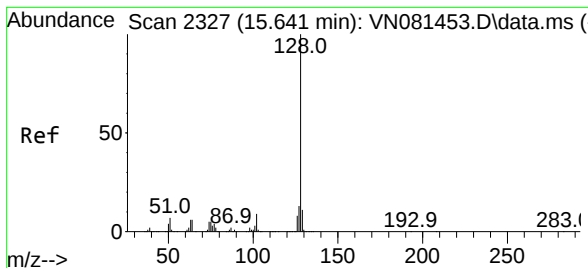
Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#94
Hexachlorobutadiene
Concen: 18.110 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

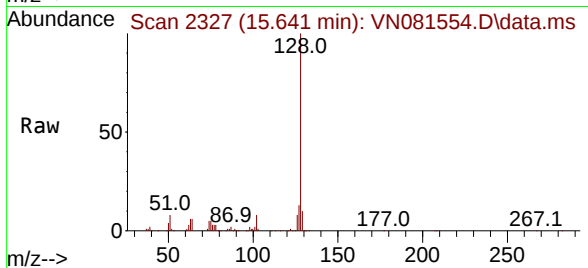
Tgt Ion:225 Resp: 45969
Ion Ratio Lower Upper
225 100
223 63.8 33.3 99.8
227 62.8 33.1 99.2





#95
Naphthalene
Concen: 18.169 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08

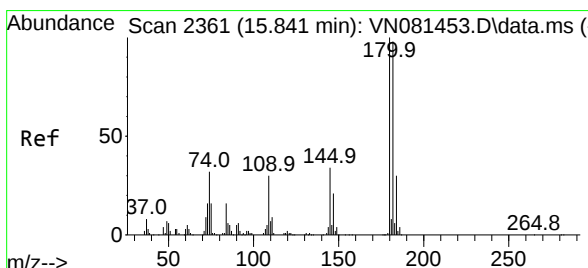
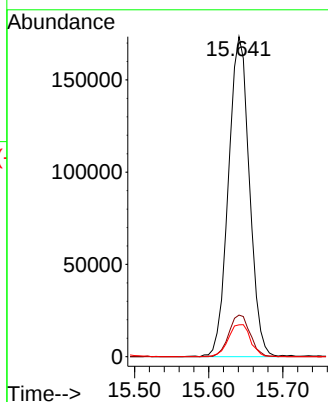
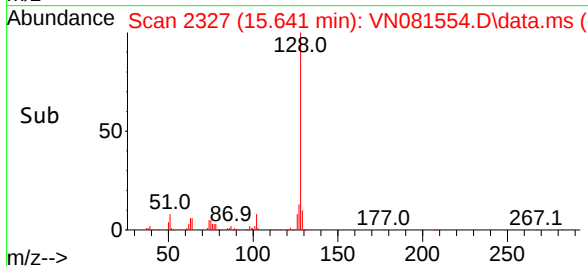
Instrument :
MSVOA_N
ClientSampleId :
VN0325WBSD01



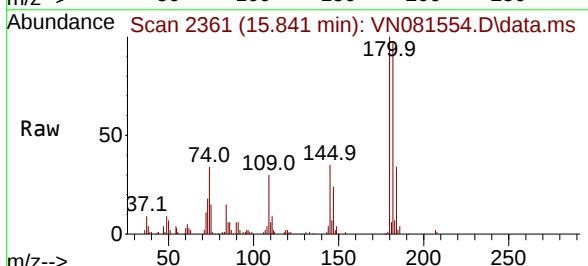
Tgt Ion:128 Resp: 340589
Ion Ratio Lower Upper
128 100
127 13.2 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/26/2024
Supervised By :Mahesh Dadoda 03/26/2024



#96
1,2,3-Trichlorobenzene
Concen: 18.408 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.000 min
Lab File: VN081554.D
Acq: 25 Mar 2024 12:08



Tgt Ion:180 Resp: 107115
Ion Ratio Lower Upper
180 100
182 96.7 46.5 139.3
145 33.6 17.8 53.4

