

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040824\
 Data File : VN081673.D
 Acq On : 08 Apr 2024 13:41
 Operator : JC\MD
 Sample : P1995-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-23-00113

Quant Time: Apr 09 01:55:40 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	468040	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	832181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	784237	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	349745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	284210	47.616	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.240%		
35) Dibromofluoromethane	8.165	113	256137	48.770	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.540%		
50) Toluene-d8	10.570	98	1021516	53.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	107.620%		
62) 4-Bromofluorobenzene	12.847	95	339210	50.707	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	101.420%		
Target Compounds						
						Qvalue
5) Bromomethane	2.971	94	1099	0.221	ug/l	# 65
9) 1,1,2-Trichlorotrifluo...	4.430	101	59787	10.026	ug/l	# 24
11) Tert butyl alcohol	5.518	59	15738	15.130	ug/l	# 78
13) Acrolein	4.194	56	4015	4.302	ug/l	# 15
14) Allyl chloride	5.012	41	1956	0.283	ug/l	# 26
17) Carbon Disulfide	4.706	76	3583	0.226	ug/l	# 78
18) Methyl Acetate	5.024	43	239625	40.294	ug/l	# 86
20) Methylene Chloride	5.283	84	26323	4.166	ug/l	# 75
25) 2-Butanone	7.482	43	40672	12.293	ug/l	# 83
29) Tetrahydrofuran	7.830	42	791	0.355	ug/l	# 38
31) Cyclohexane	8.224	56	13931	1.434	ug/l	# 1
36) 1,1-Dichloropropene	8.229	75	39106	4.425	ug/l	# 50
37) Ethyl Acetate	7.553	43	6870	0.908	ug/l	# 92
38) Carbon Tetrachloride	8.224	117	51109	5.279	ug/l	# 18
39) Methylcyclohexane	9.600	83	2307	0.234	ug/l	# 86
40) Benzene	8.606	78	15529	0.601	ug/l	# 81
41) Methacrylonitrile	7.777	41	1016	0.254	ug/l	# 30
43) Isopropyl Acetate	8.688	43	364589	29.062	ug/l	# 79
48) Methyl methacrylate	9.653	41	86954	15.027	ug/l	# 47
49) 1,4-Dioxane	9.706	88	55	0.396	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.447	43	35686	4.662	ug/l	# 94
53) t-1,3-Dichloropropene	10.635	75	1535232	152.906	ug/l	# 1
54) cis-1,3-Dichloropropene	10.365	75	42963	3.991	ug/l	# 58
56) Ethyl methacrylate	10.918	69	149	0.587	ug/l	# 20
57) 1,3-Dichloropropane	11.200	76	4690	0.433	ug/l	# 49
59) 2-Hexanone	11.206	43	60084	10.616	ug/l	# 74
67) Ethyl Benzene	11.959	91	17379640	539.671	ug/l	# 86
68) m/p-Xylenes	12.065	106	21252892	1760.388	ug/l	# 1
69) o-Xylene	12.400	106	7914625	667.777	ug/l	# 85
70) Styrene	12.400	104	399181	20.883	ug/l	# 1
73) Isopropylbenzene	12.694	105	63947	2.145	ug/l	# 100
74) N-amyl acetate	12.459	43	24774	2.296	ug/l	# 51
76) 1,2,3-Trichloropropane	12.853	75	171542	20.505	ug/l	# 1
78) n-propylbenzene	13.041	91	48328	1.373	ug/l	# 97
79) 2-Chlorotoluene	13.094	91	13792	0.655	ug/l	# 45
80) 1,3,5-Trimethylbenzene	13.176	105	51007	2.071	ug/l	# 99

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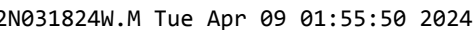
Quant Time: Apr 09 01:55:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031824W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 06:00:00 2024
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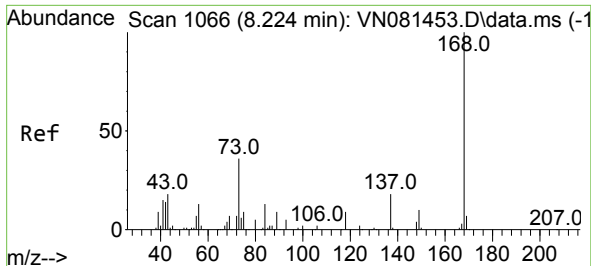
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

81) trans-1,4-Dichloro-2-b...	12.853	75	171542	55.410	ug/l #	14
82) 4-Chlorotoluene	13.170	91	4538	0.218	ug/l #	44
83) tert-Butylbenzene	13.482	119	28508	1.343	ug/l #	78
84) 1,2,4-Trimethylbenzene	13.482	105	232782	9.406	ug/l	95
85) sec-Butylbenzene	13.617	105	13025	0.429	ug/l #	73
86) p-Isopropyltoluene	13.729	119	8203	0.331	ug/l	91
89) n-Butylbenzene	14.059	91	12886	0.586	ug/l #	77
90) Hexachloroethane	14.329	117	5563	1.184	ug/l #	21
92) 1,2-Dibromo-3-Chloropr...	14.535	75	1268	0.680	ug/l #	29
95) Naphthalene	15.641	128	101924	4.177	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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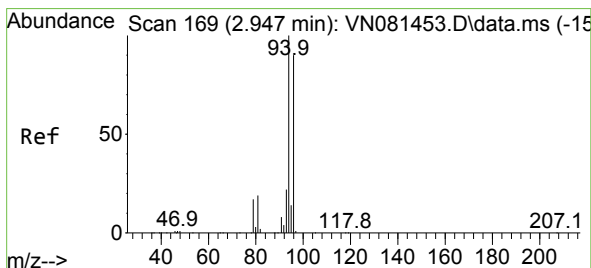
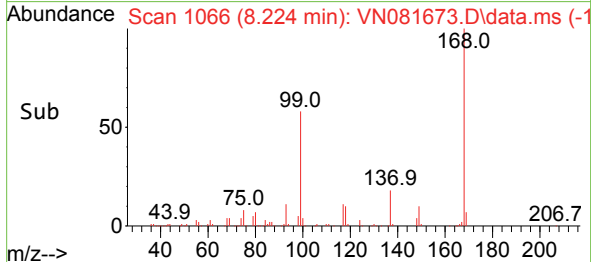
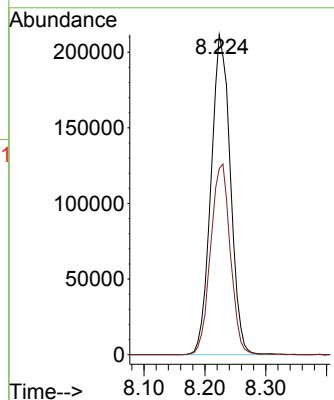
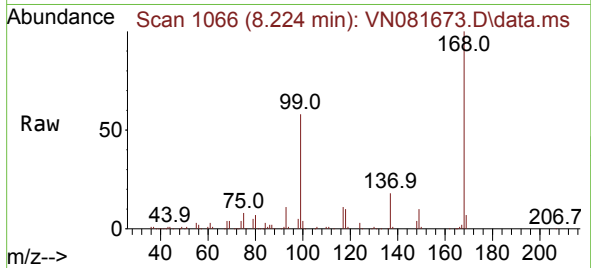




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN081673.D
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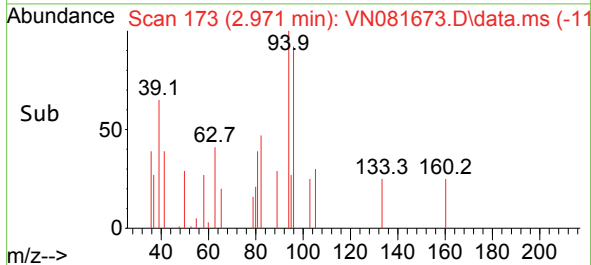
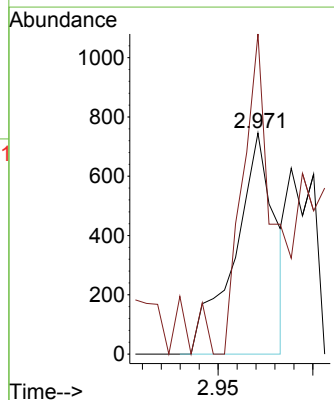
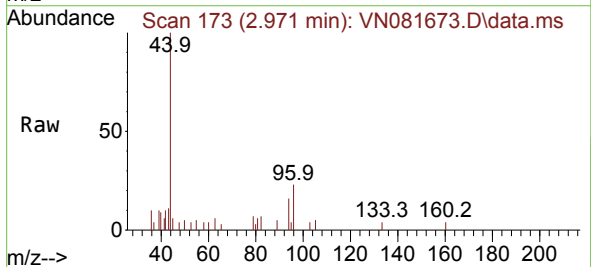
Instrument :
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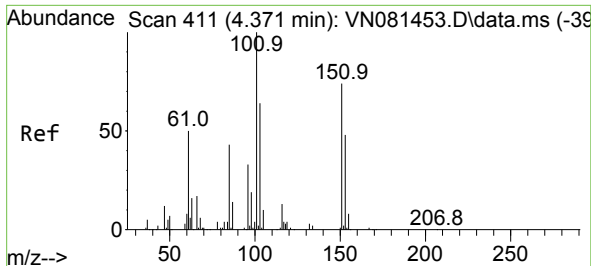
Tgt Ion:168 Resp: 468040
Ion Ratio Lower Upper
168 100
99 58.2 59.9 89.9#



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.023 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 94 Resp: 1099
Ion Ratio Lower Upper
94 100
96 118.6 69.2 103.8#

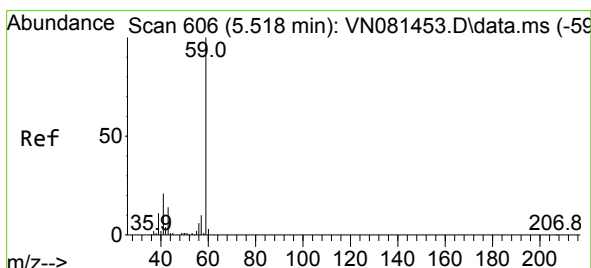
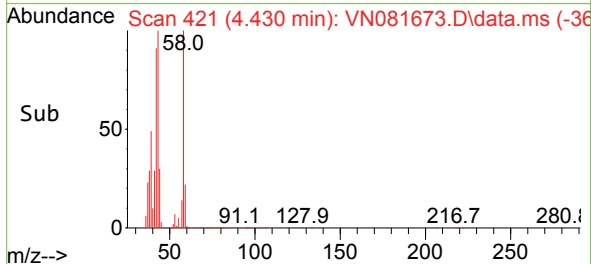
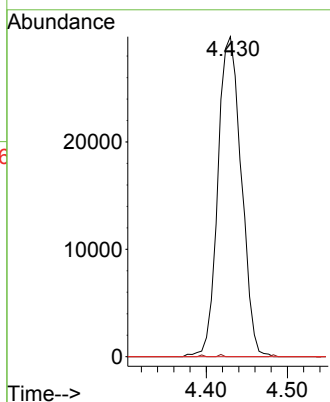
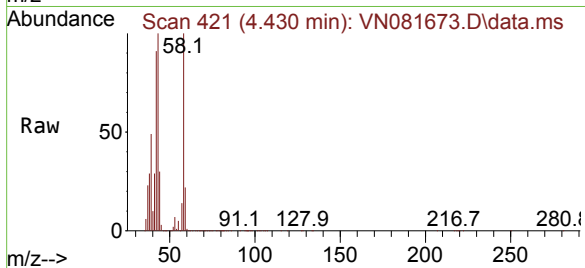




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.026 ug/l
RT: 4.430 min Scan# 411
Delta R.T. 0.059 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

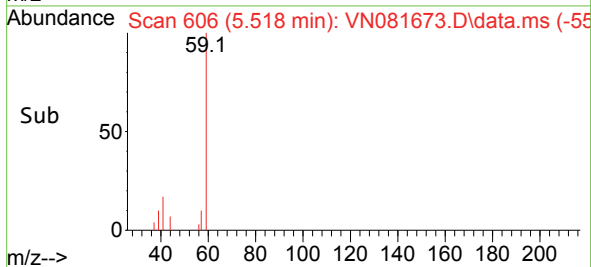
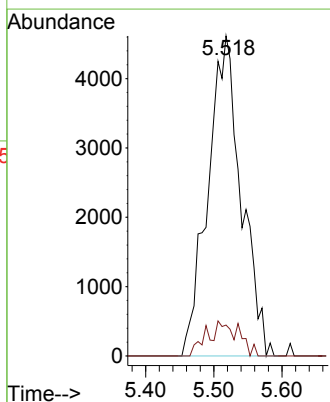
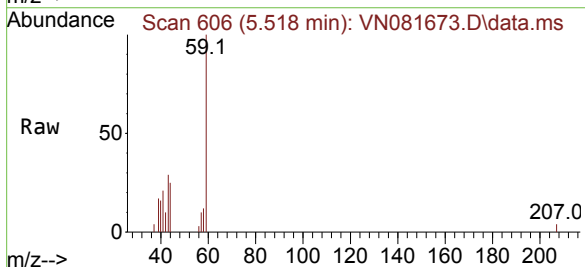
Instrument :
MSVOA_N
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MOO-23-00113

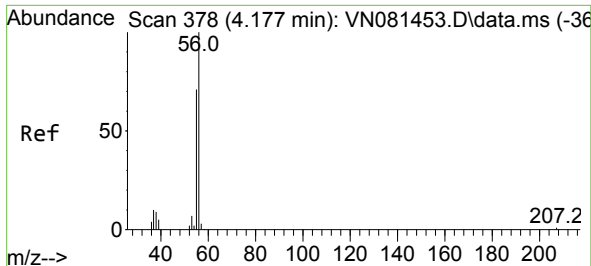
Tgt Ion:101 Resp: 59787
Ion Ratio Lower Upper
101 100
85 0.1 38.1 57.1#
151 0.0 49.1 73.7#



#11
Tert butyl alcohol
Concen: 15.130 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 59 Resp: 15738
Ion Ratio Lower Upper
59 100
57 2.5 8.6 12.8#

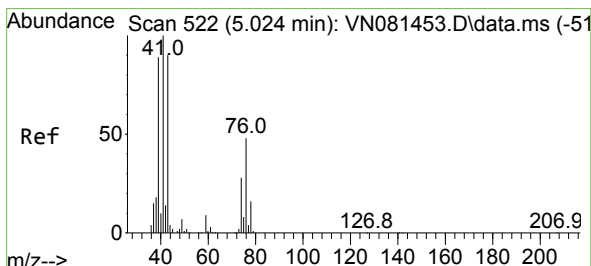
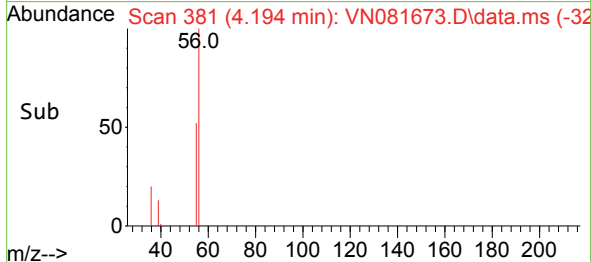
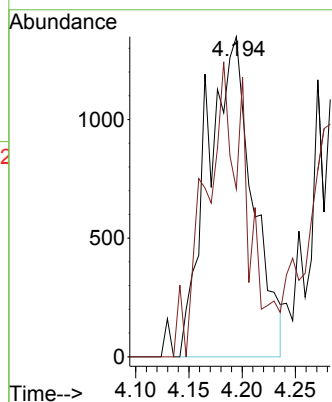
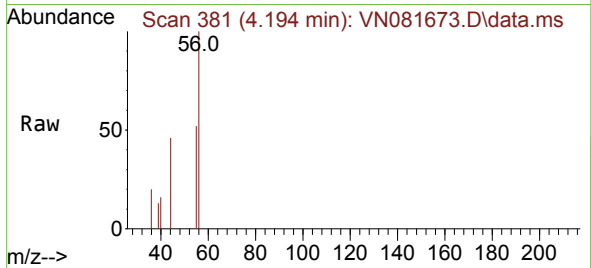




#13
Acrolein
Concen: 4.302 ug/l
RT: 4.194 min Scan# 31
Delta R.T. 0.018 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

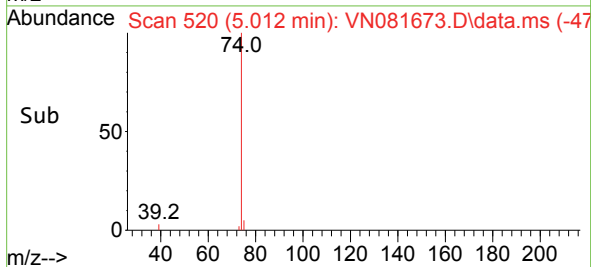
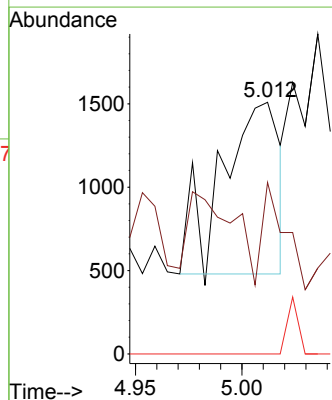
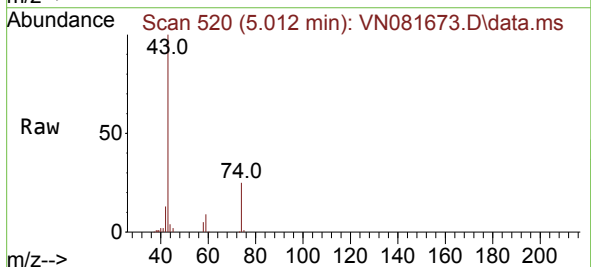
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

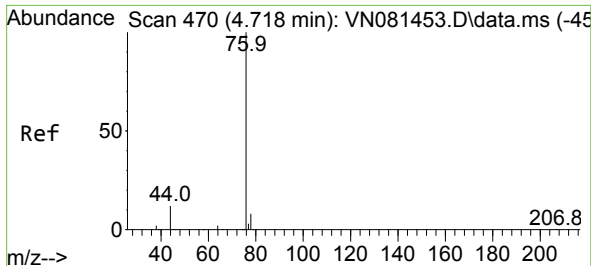
Tgt Ion: 56 Resp: 4015
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#14
Allyl chloride
Concen: 0.283 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 41 Resp: 1956
Ion Ratio Lower Upper
41 100
39 0.0 57.7 86.5#
76 6.1 26.8 40.2#

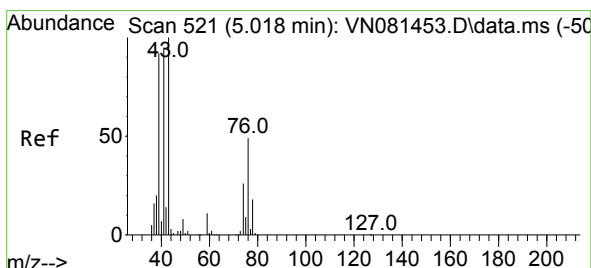
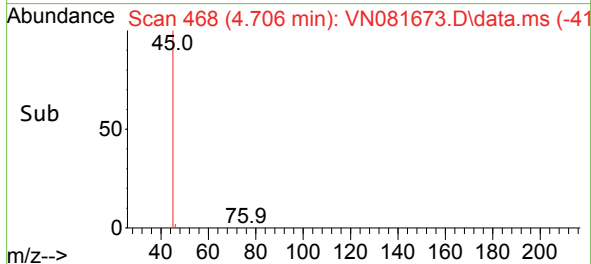
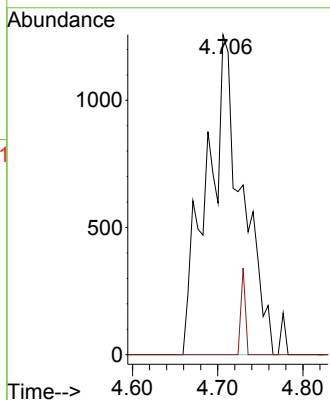
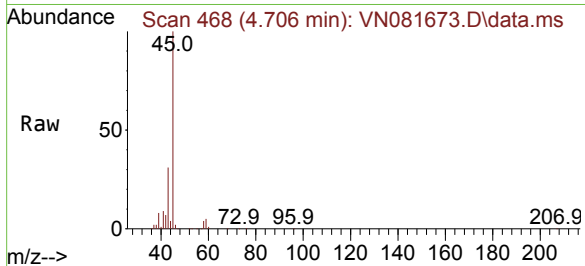




#17
Carbon Disulfide
Concen: 0.226 ug/l
RT: 4.706 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

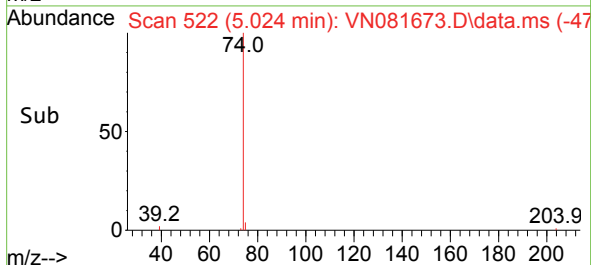
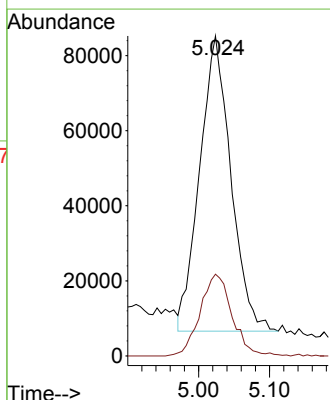
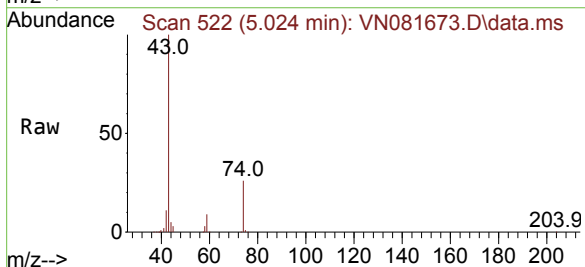
Instrument :
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MOO-23-00113

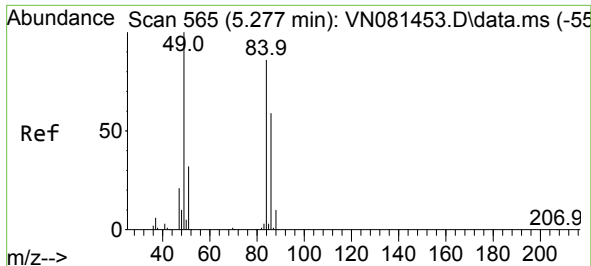
Tgt Ion: 76 Resp: 3583
Ion Ratio Lower Upper
76 100
78 0.0 6.3 9.5#



#18
Methyl Acetate
Concen: 40.294 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

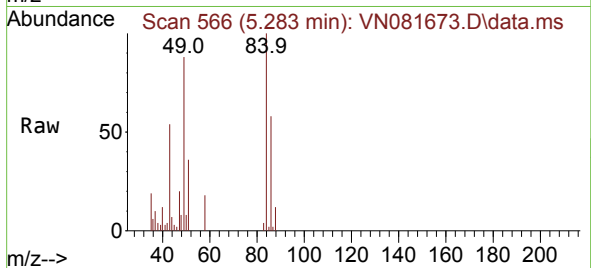
Tgt Ion: 43 Resp: 239625
Ion Ratio Lower Upper
43 100
74 28.4 17.3 25.9#



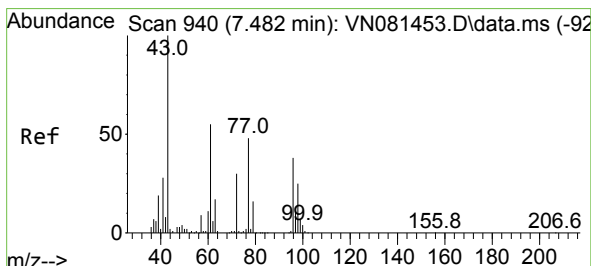
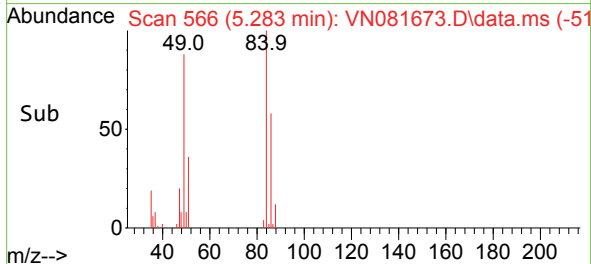
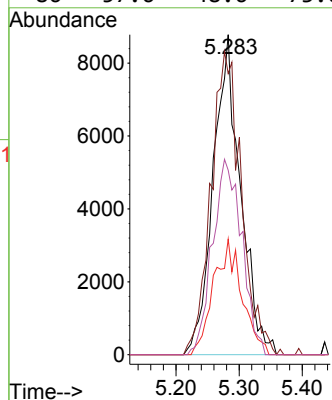


#20
Methylene Chloride
Concen: 4.166 ug/l
RT: 5.283 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

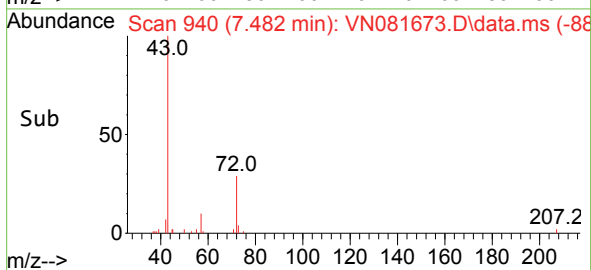
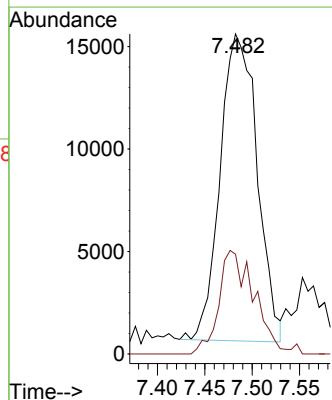
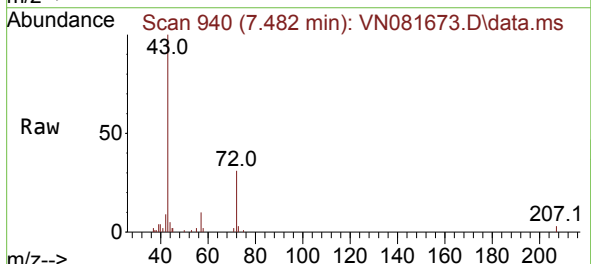


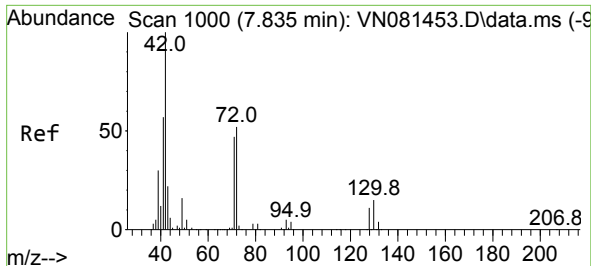
Tgt Ion: 84 Resp: 26323
Ion Ratio Lower Upper
84 100
49 87.9 108.1 162.1#
51 36.1 32.9 49.3
86 57.6 48.6 73.0



#25
2-Butanone
Concen: 12.293 ug/l
RT: 7.482 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 43 Resp: 40672
Ion Ratio Lower Upper
43 100
72 32.6 19.5 29.3#





#29

Tetrahydrofuran

Concen: 0.355 ug/l

RT: 7.830 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN081673.D

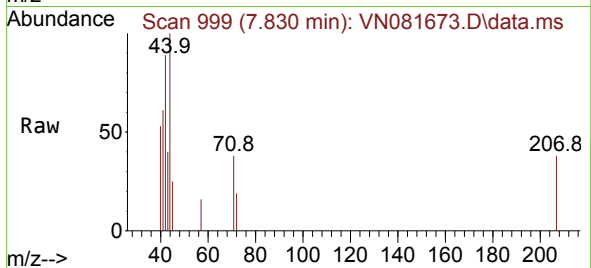
Acq: 08 Apr 2024 13:41

Instrument :

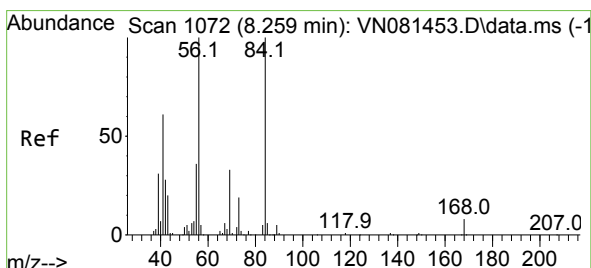
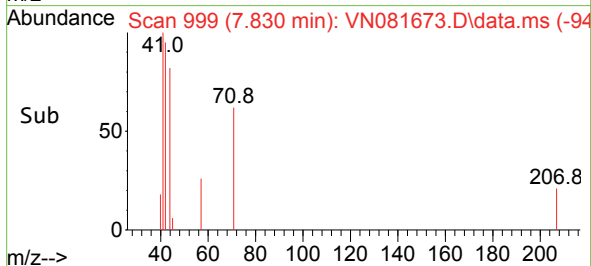
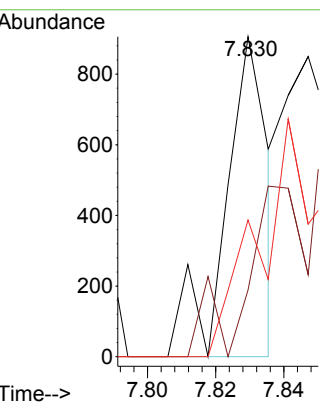
MSVOA_N

ClientSampleId :

MOO-23-00113



Tgt Ion:	42	Resp:	791
Ion Ratio	Lower	Upper	
42	100		
72	0.0	31.1	46.7#
71	0.0	28.3	42.5#



#31

Cyclohexane

Concen: 1.434 ug/l

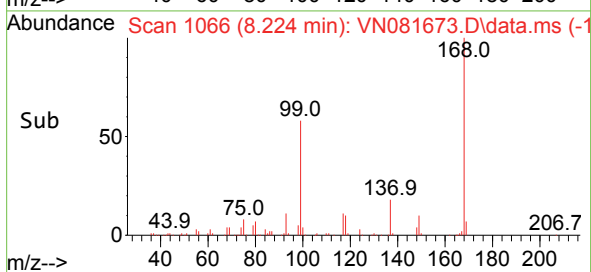
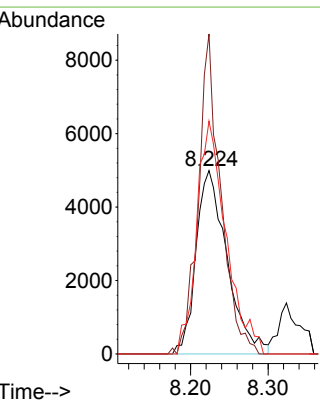
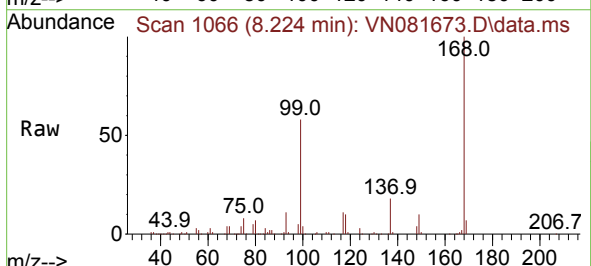
RT: 8.224 min Scan# 1066

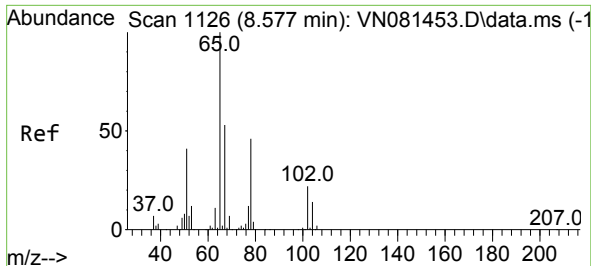
Delta R.T. -0.035 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Tgt Ion:	56	Resp:	13931
Ion Ratio	Lower	Upper	
56	100		
69	174.5	20.1	30.1#
84	126.9	56.9	85.3#





#33

1,2-Dichloroethane-d4

Concen: 47.616 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

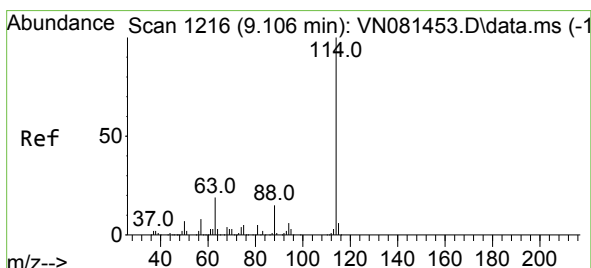
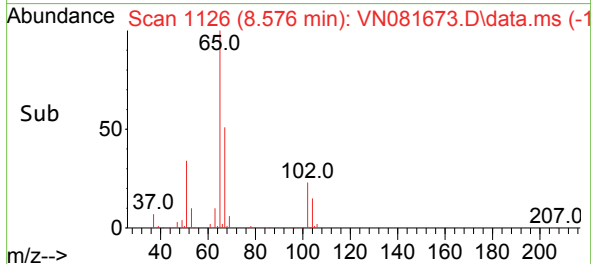
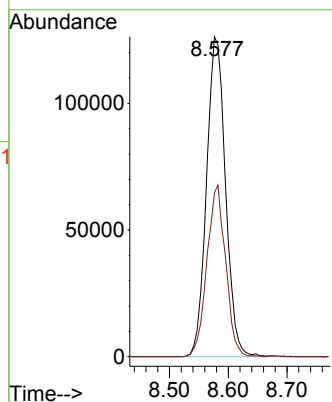
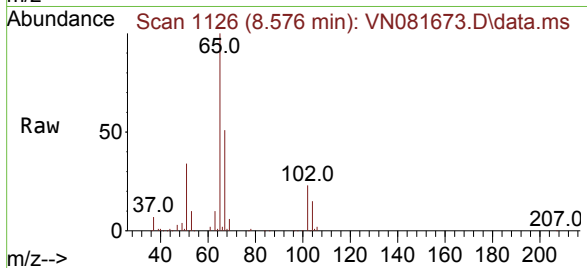
MOO-23-00113

Tgt Ion: 65 Resp: 284210

Ion Ratio Lower Upper

65 100

67 52.7 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.006 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

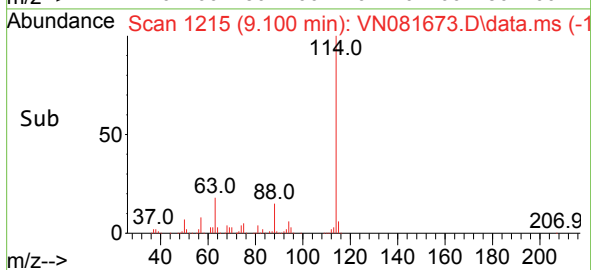
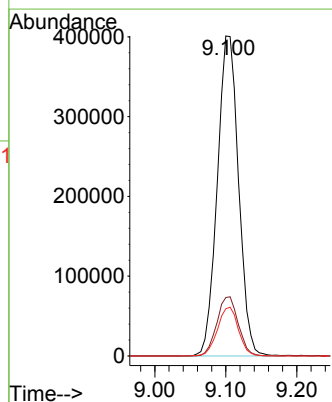
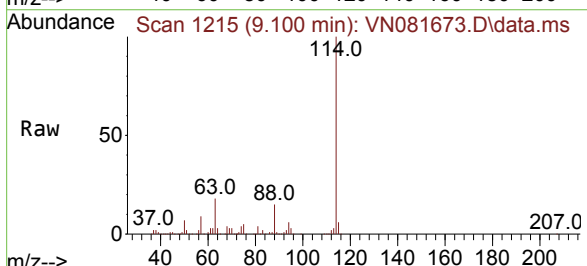
Tgt Ion: 114 Resp: 832181

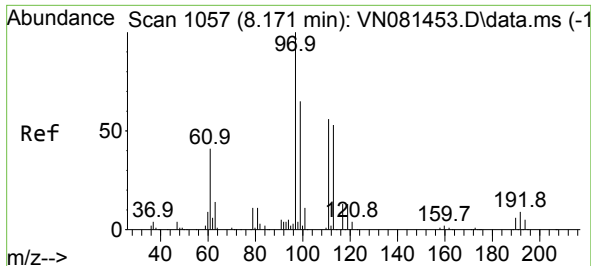
Ion Ratio Lower Upper

114 100

63 18.2 0.0 48.0

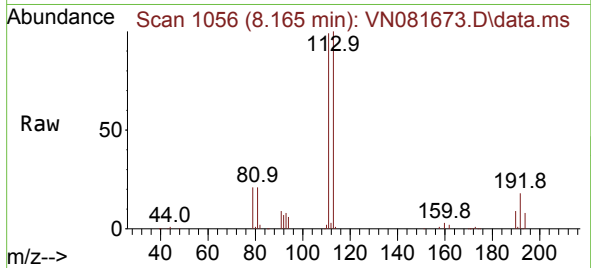
88 14.7 0.0 34.8





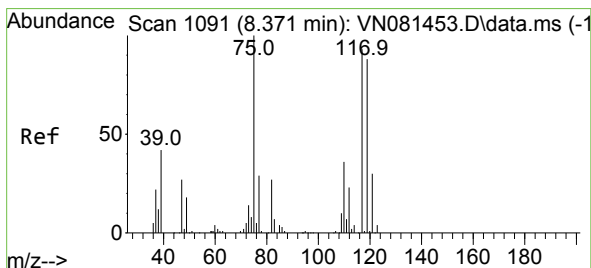
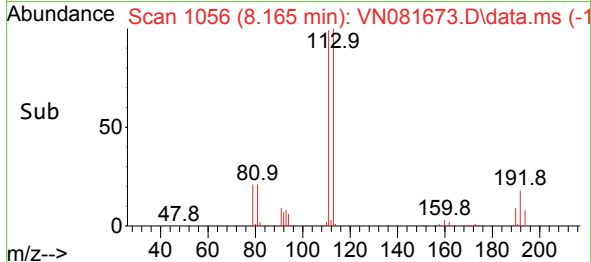
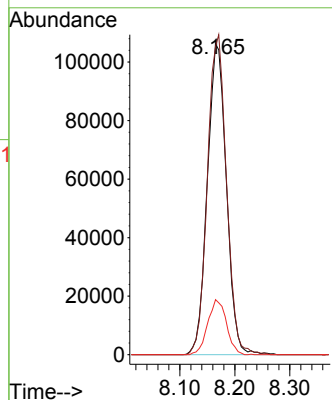
#35
Dibromofluoromethane
Concen: 48.770 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113



Tgt Ion: 113 Resp: 256137

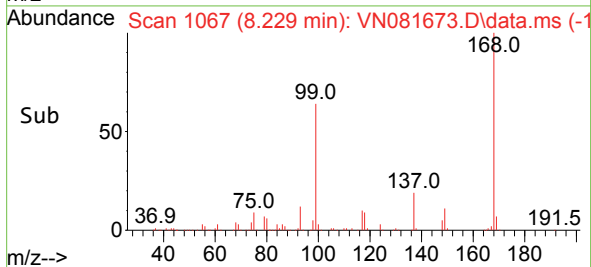
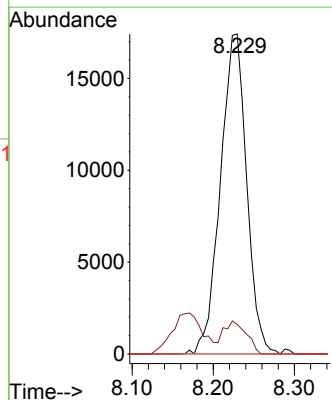
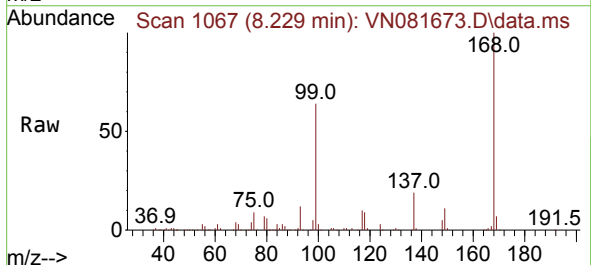
Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	17.4	12.5	18.7

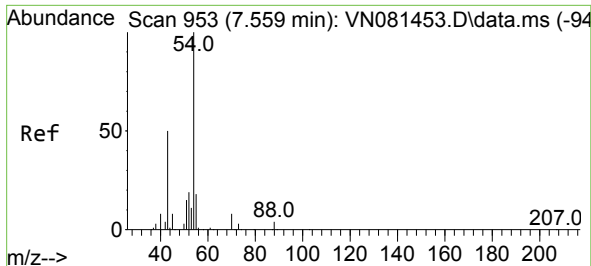


#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 75 Resp: 39106

Ion	Ratio	Lower	Upper
75	100		
110	8.8	16.0	48.0#
77	0.0	25.8	38.6#

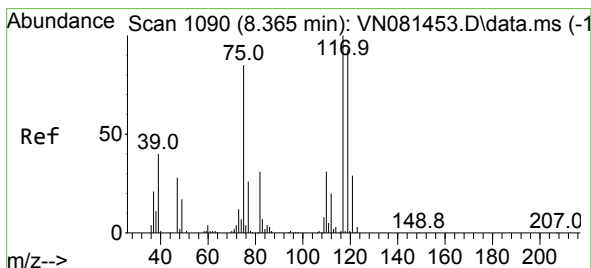
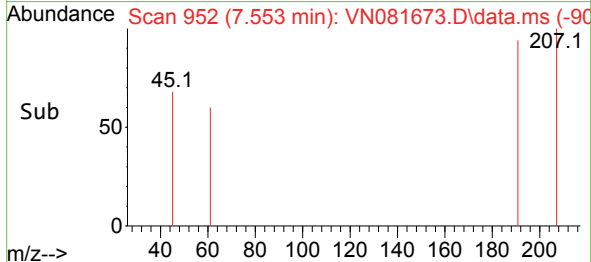
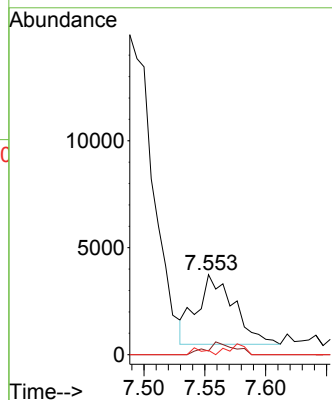
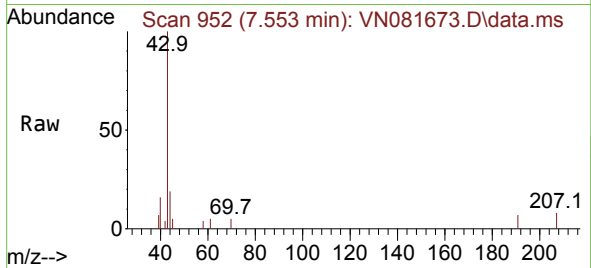




#37
Ethyl Acetate
Concen: 0.908 ug/l
RT: 7.553 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

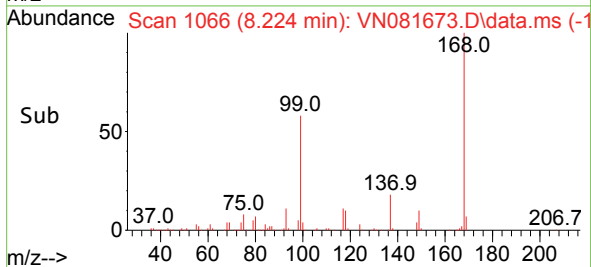
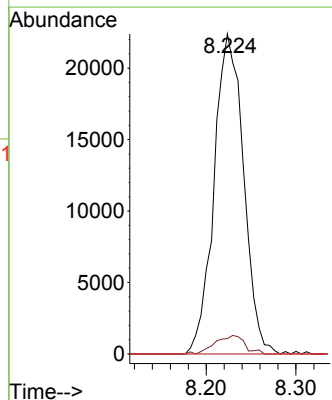
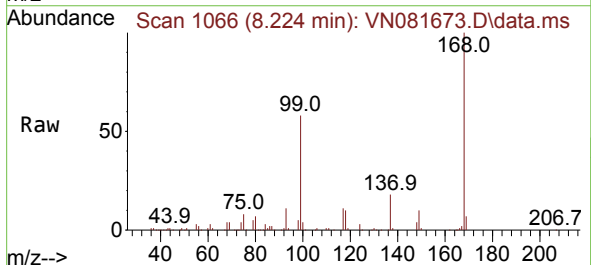
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

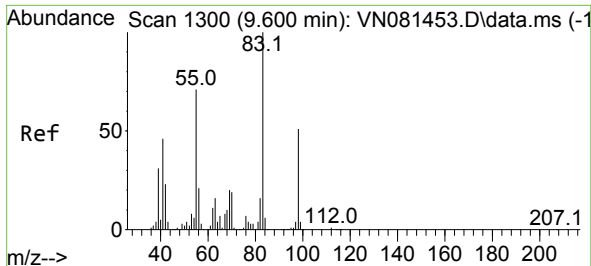
Tgt Ion: 43 Resp: 6870
Ion Ratio Lower Upper
43 100
61 13.2 10.6 15.8
70 3.5 8.0 12.0#



#38
Carbon Tetrachloride
Concen: 5.279 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 117 Resp: 51109
Ion Ratio Lower Upper
117 100
119 4.8 73.4 110.2#
121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 0.234 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

MOO-23-00113

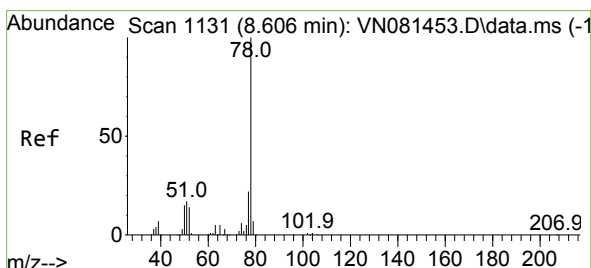
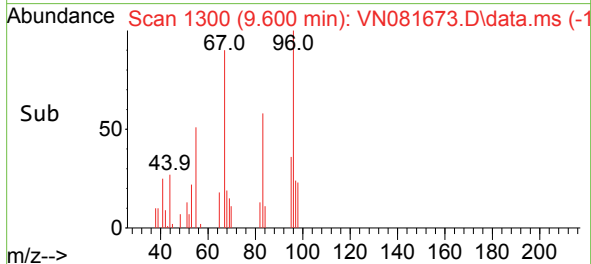
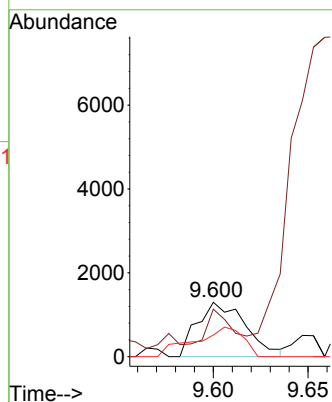
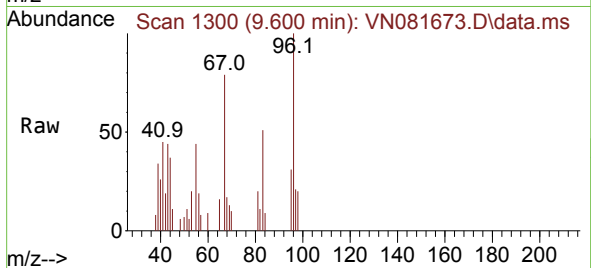
Tgt Ion: 83 Resp: 2307

Ion Ratio Lower Upper

83 100

55 65.3 65.7 98.5#

98 39.8 33.8 50.6



#40

Benzene

Concen: 0.601 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN081673.D

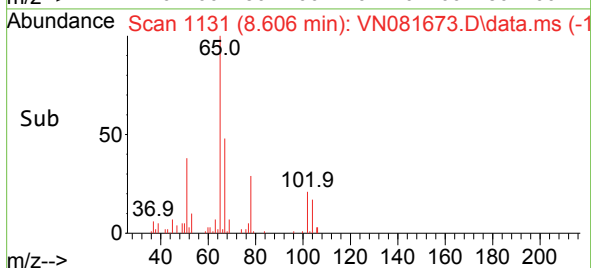
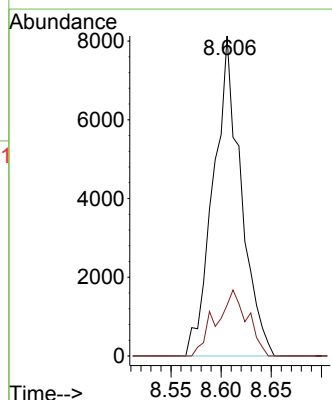
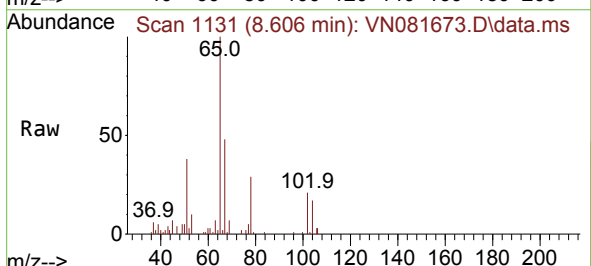
Acq: 08 Apr 2024 13:41

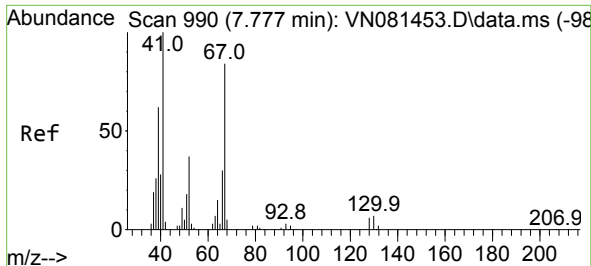
Tgt Ion: 78 Resp: 15529

Ion Ratio Lower Upper

78 100

77 15.9 20.4 30.6#

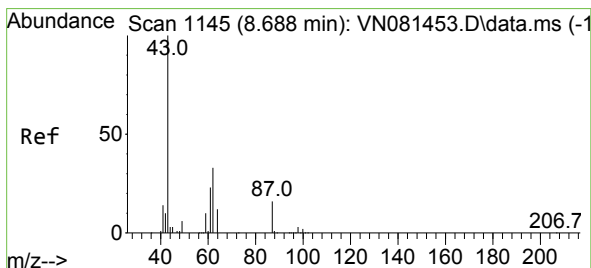
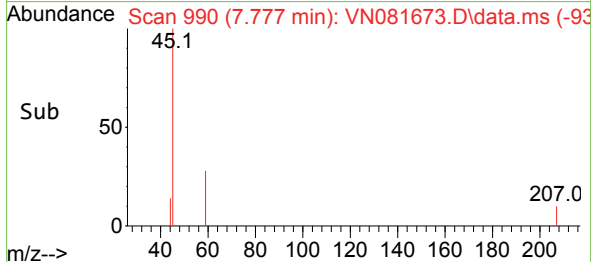
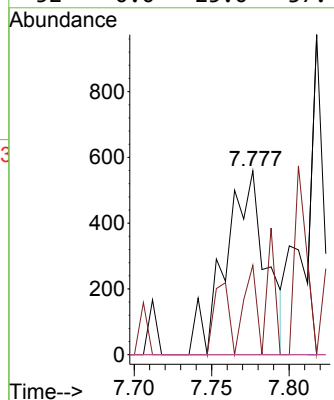
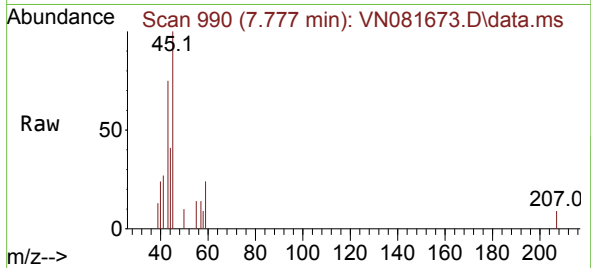




#41
Methacrylonitrile
Concen: 0.254 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

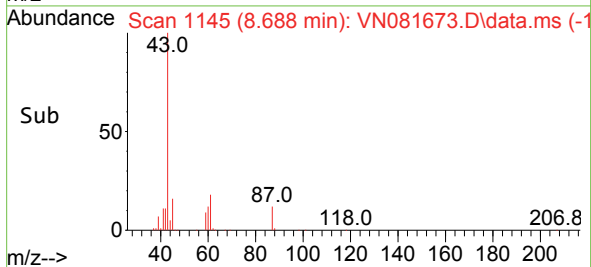
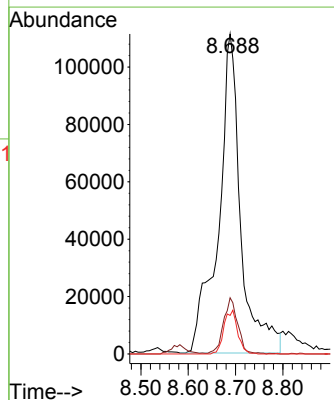
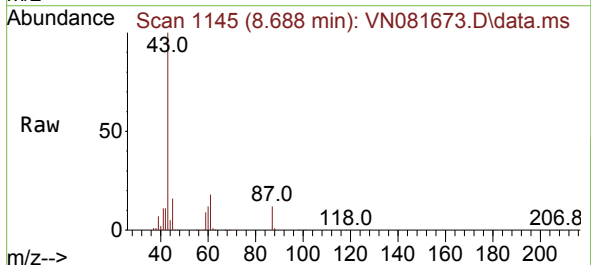
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

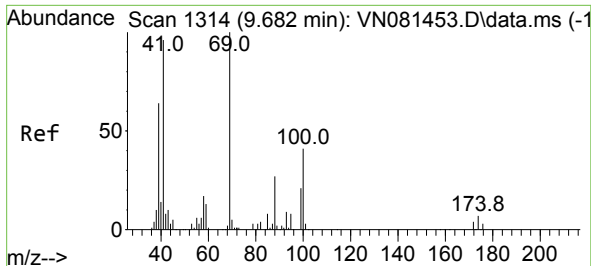
Tgt Ion:	41	Resp:	1016
Ion	Ratio	Lower	Upper
41	100		
39	15.3	48.4	72.6#
67	0.0	56.8	85.2#
52	0.0	25.0	37.4#



#43
Isopropyl Acetate
Concen: 29.062 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion:	43	Resp:	364589
Ion	Ratio	Lower	Upper
43	100		
61	11.2	19.9	29.9#
87	8.5	9.0	13.6#

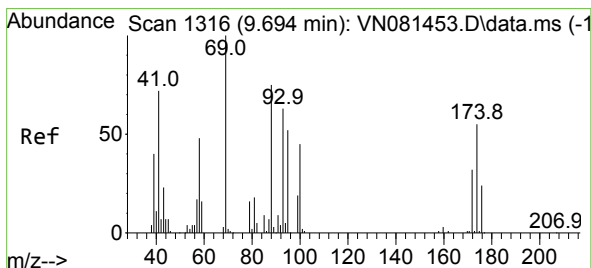
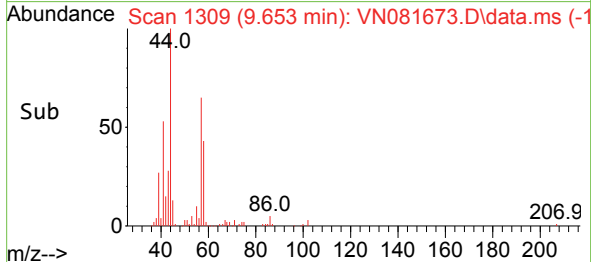
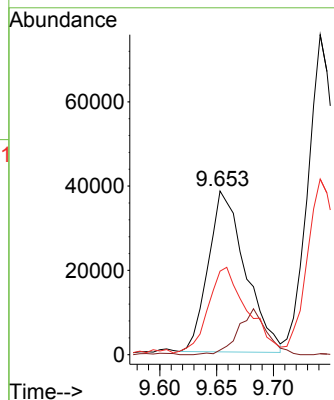
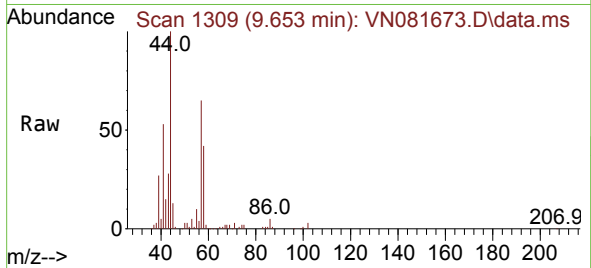




#48
Methyl methacrylate
Concen: 15.027 ug/l
RT: 9.653 min Scan# 1309
Delta R.T. -0.029 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

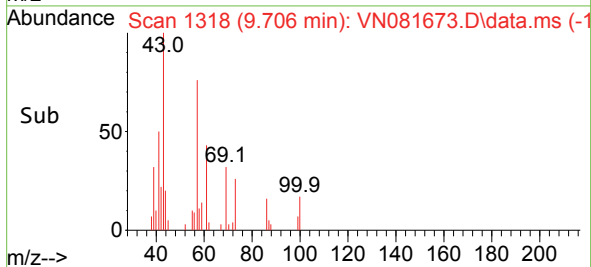
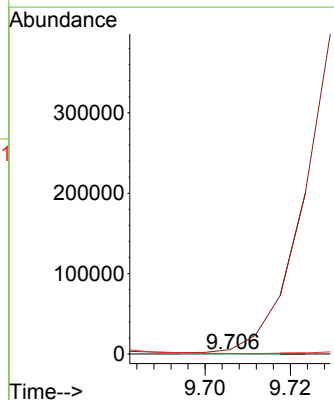
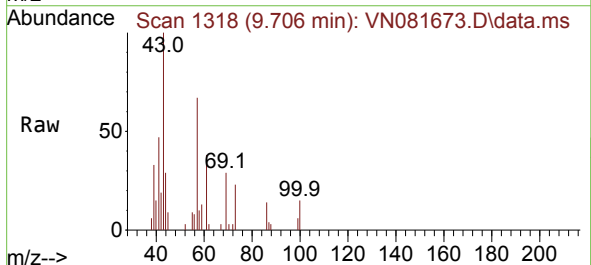
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

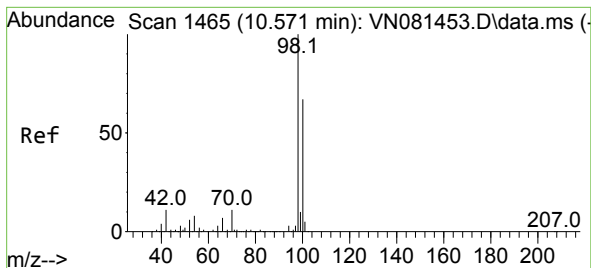
Tgt Ion: 41 Resp: 86954
Ion Ratio Lower Upper
41 100
69 0.0 62.2 93.2#
39 55.6 47.6 71.4



#49
1,4-Dioxane
Concen: 0.396 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.012 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 0.0 30.1 45.1#
58 0.0 63.9 95.9#





#50

Toluene-d8

Concen: 53.806 ug/l

RT: 10.570 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

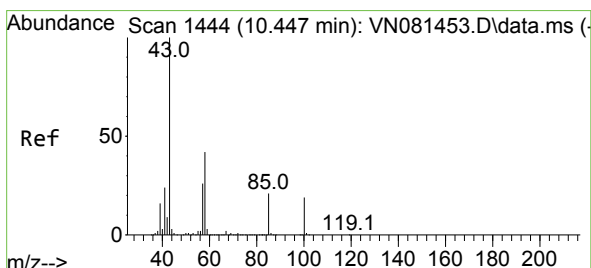
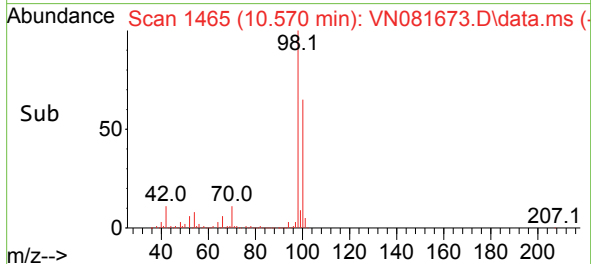
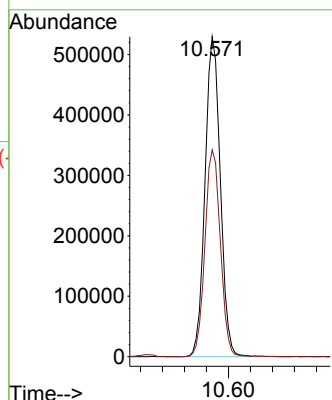
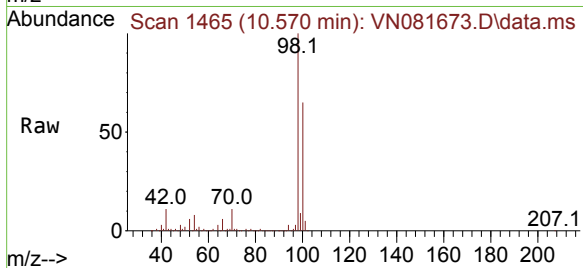
MOO-23-00113

Tgt Ion: 98 Resp: 1021516

Ion Ratio Lower Upper

98 100

100 65.2 51.4 77.0



#51

4-Methyl-2-Pentanone

Concen: 4.662 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. -0.000 min

Lab File: VN081673.D

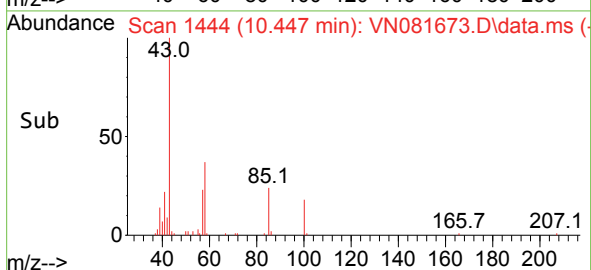
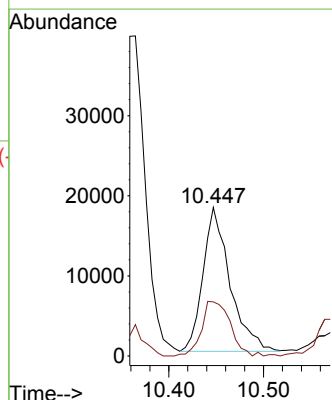
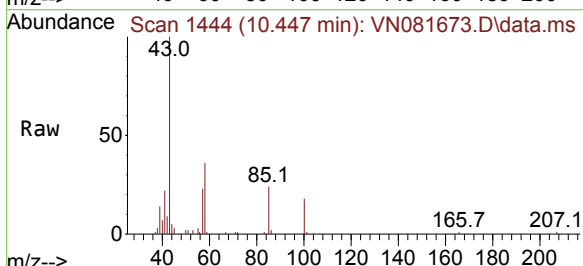
Acq: 08 Apr 2024 13:41

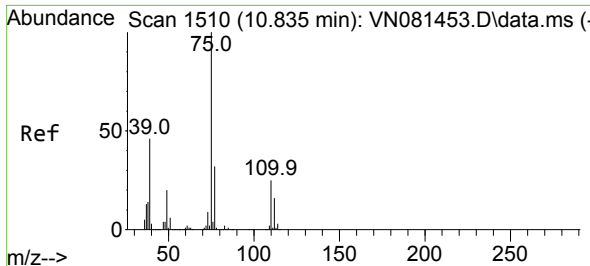
Tgt Ion: 43 Resp: 35686

Ion Ratio Lower Upper

43 100

58 40.2 29.4 44.0

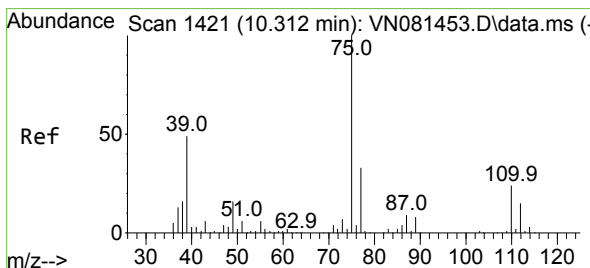
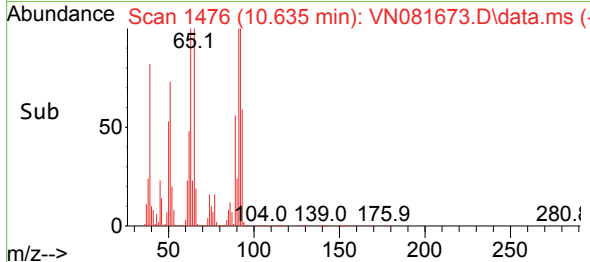
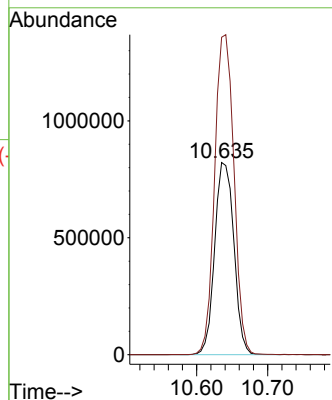
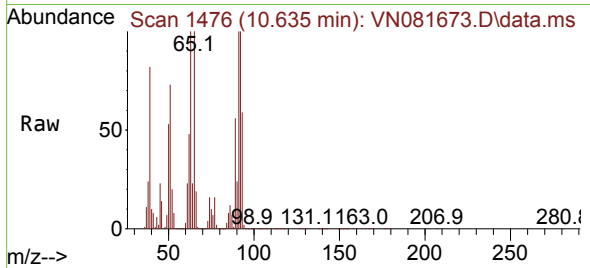




#53
t-1,3-Dichloropropene
Concen: 152.906 ug/l
RT: 10.635 min Scan# 14
Delta R.T. -0.200 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

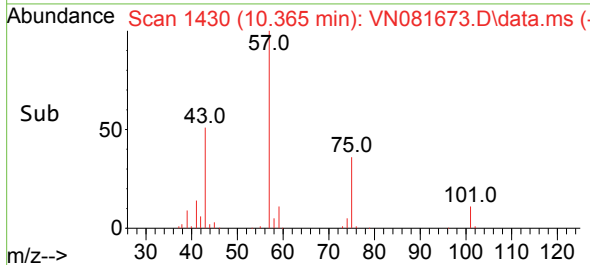
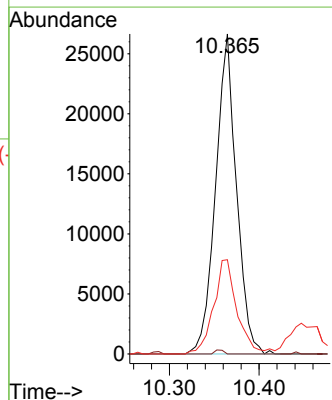
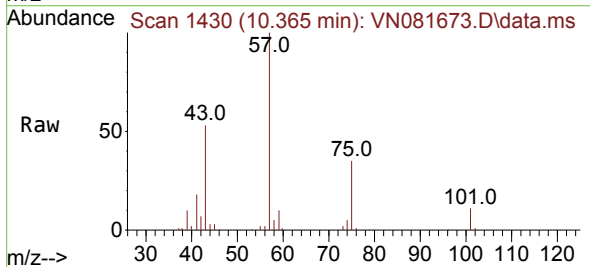
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

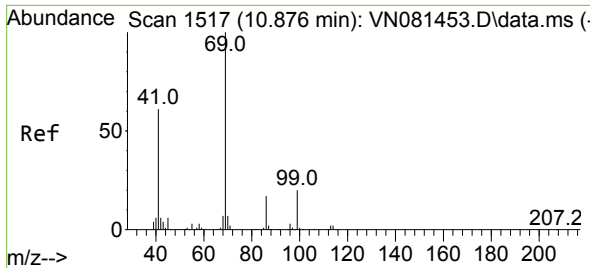
Tgt Ion: 75 Resp: 1535232
Ion Ratio Lower Upper
75 100
77 165.1 25.5 38.3#



#54
cis-1,3-Dichloropropene
Concen: 3.991 ug/l
RT: 10.365 min Scan# 1430
Delta R.T. 0.053 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 75 Resp: 42963
Ion Ratio Lower Upper
75 100
77 0.0 23.3 34.9#
39 29.5 44.6 66.8#

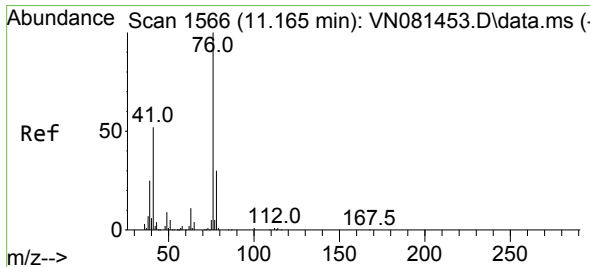
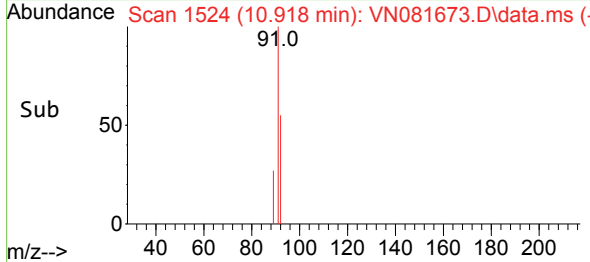
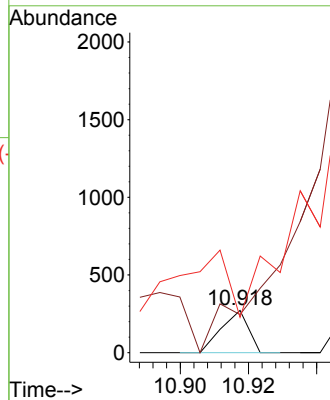
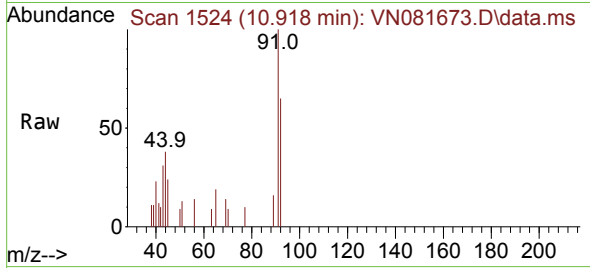




#56
Ethyl methacrylate
Concen: 0.587 ug/l
RT: 10.918 min Scan# 1524
Delta R.T. 0.042 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

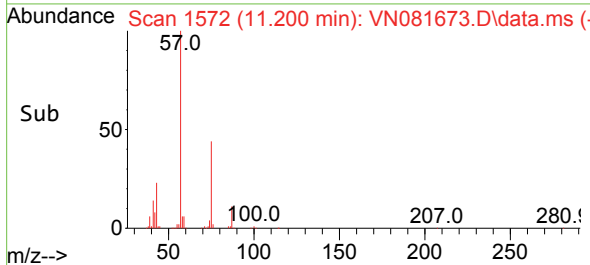
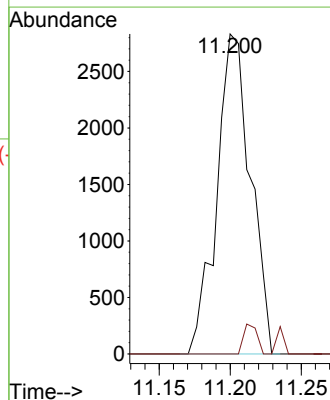
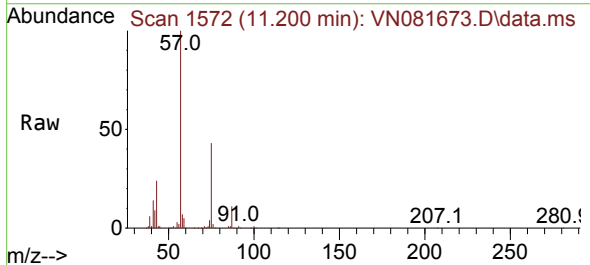
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

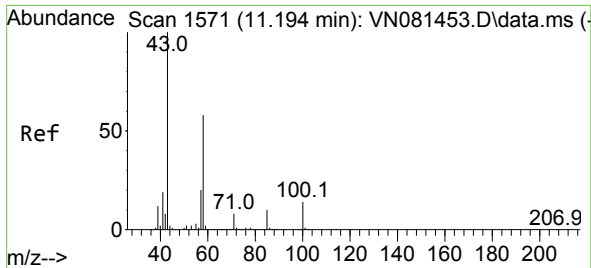
Tgt Ion: 69 Resp: 149
Ion Ratio Lower Upper
69 100
41 0.0 61.0 91.6#
39 0.0 31.8 47.6#



#57
1,3-Dichloropropane
Concen: 0.433 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.035 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 76 Resp: 4690
Ion Ratio Lower Upper
76 100
78 3.7 25.5 38.3#

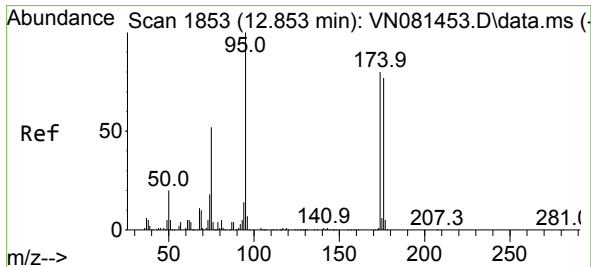
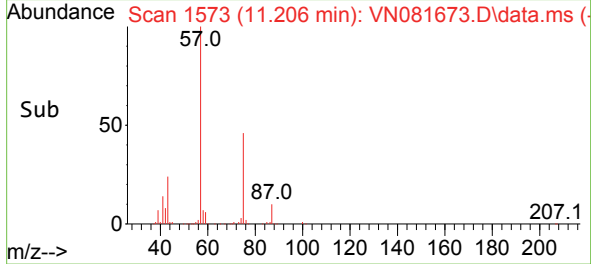
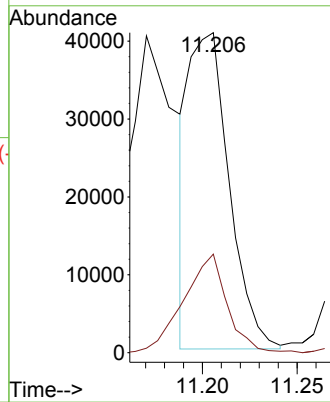
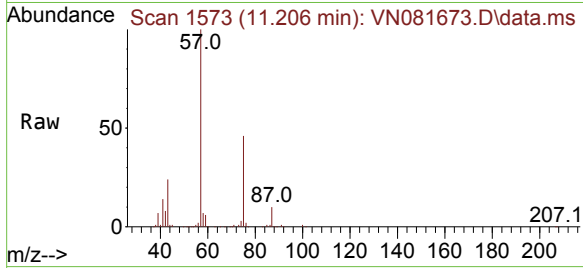




#59
2-Hexanone
Concen: 10.616 ug/l
RT: 11.206 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

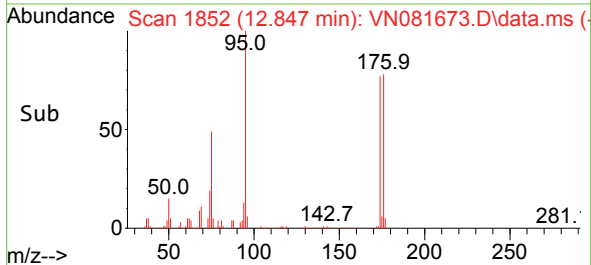
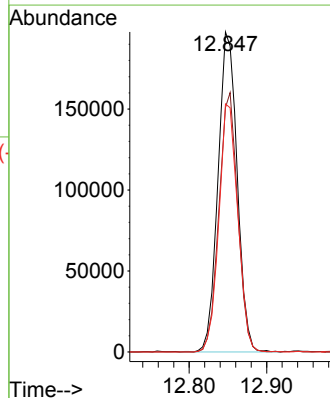
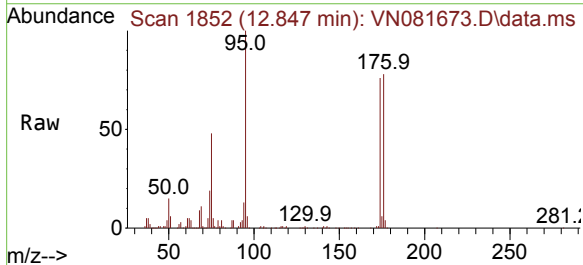
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

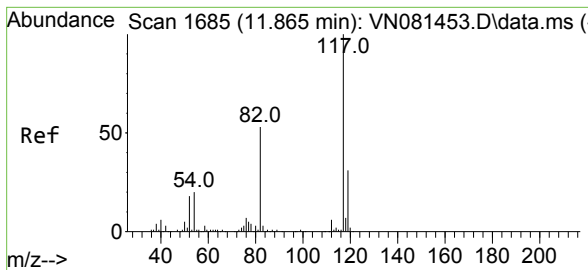
Tgt Ion: 43 Resp: 60084
Ion Ratio Lower Upper
43 100
58 33.7 25.9 77.8



#62
4-Bromofluorobenzene
Concen: 50.707 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 95 Resp: 339210
Ion Ratio Lower Upper
95 100
174 79.5 0.0 120.4
176 76.8 0.0 121.0

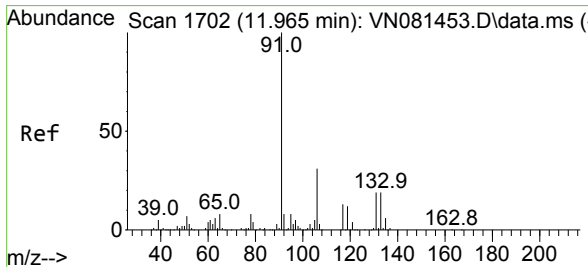
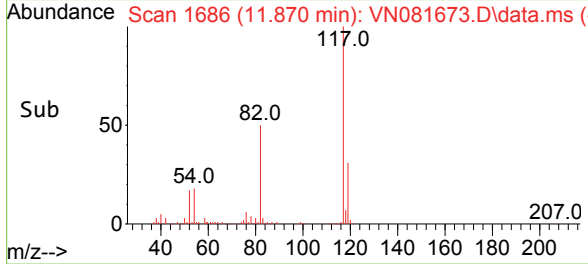
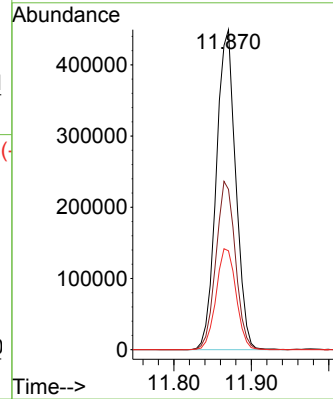
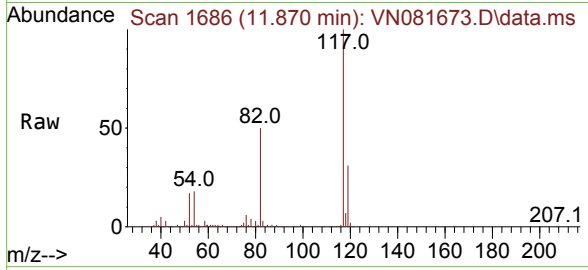




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

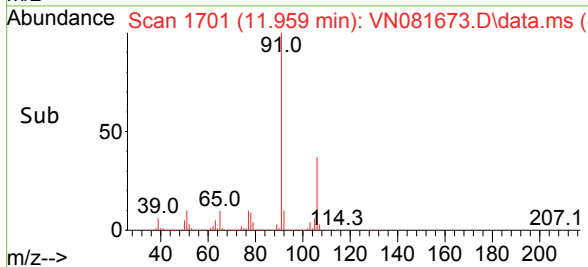
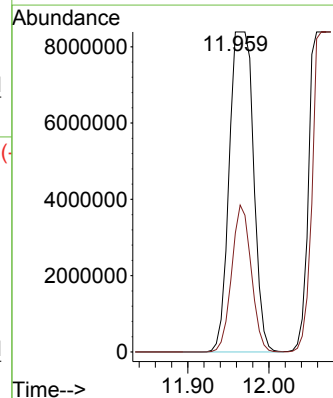
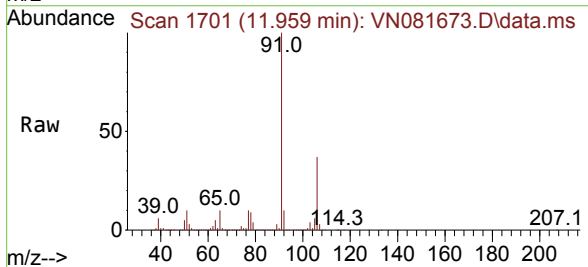
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

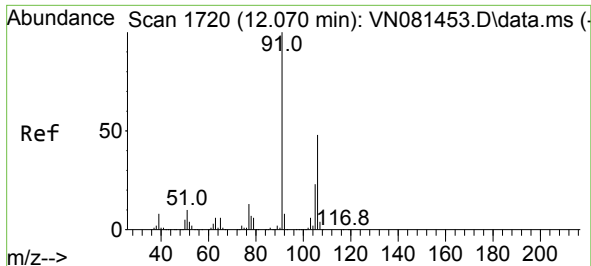
Tgt Ion:117 Resp: 784237
Ion Ratio Lower Upper
117 100
82 50.1 52.7 79.1#
119 30.9 25.3 37.9



#67
Ethyl Benzene
Concen: 539.671 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 91 Resp:17379640
Ion Ratio Lower Upper
91 100
106 37.2 23.8 35.6#

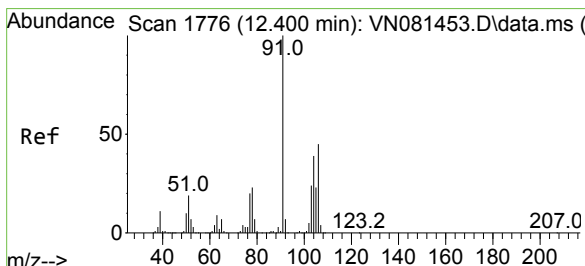
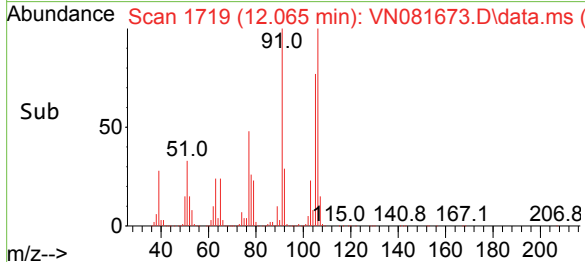
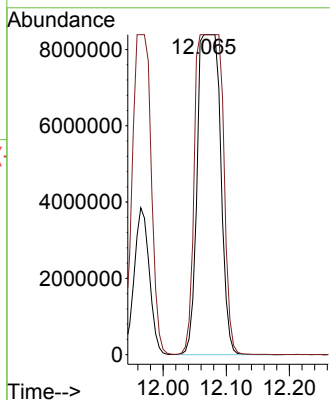
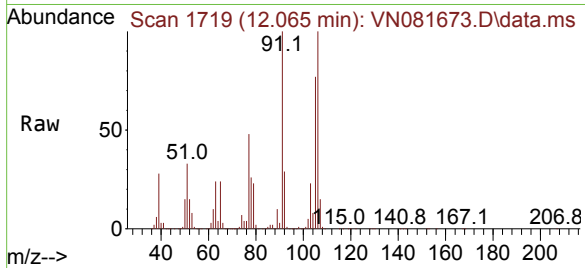




#68
m/p-Xylenes
Concen: 1760.388 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

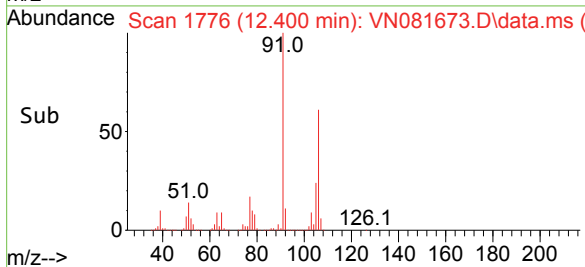
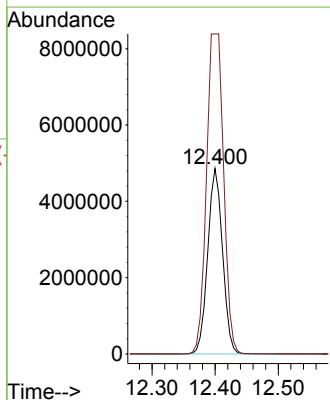
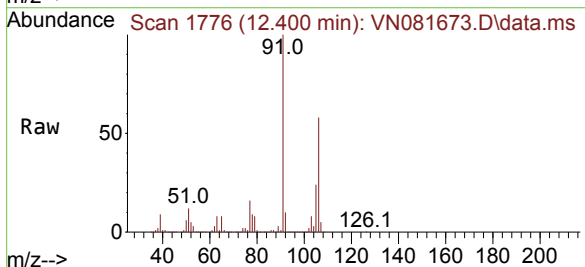
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

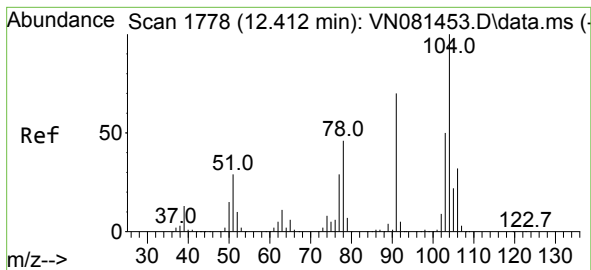
Tgt Ion:106 Resp:21252892
Ion Ratio Lower Upper
106 100
91 0.0 169.0 253.6#



#69
o-Xylene
Concen: 667.777 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion:106 Resp: 7914625
Ion Ratio Lower Upper
106 100
91 200.2 112.1 336.3





#70

Styrene

Concen: 20.883 ug/l

RT: 12.400 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

MOO-23-00113

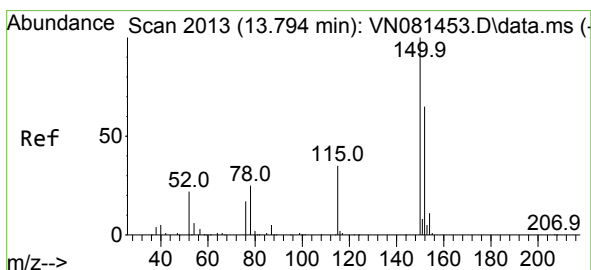
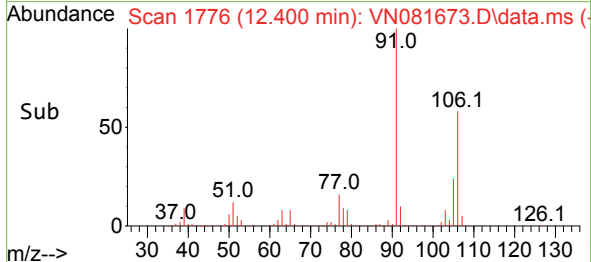
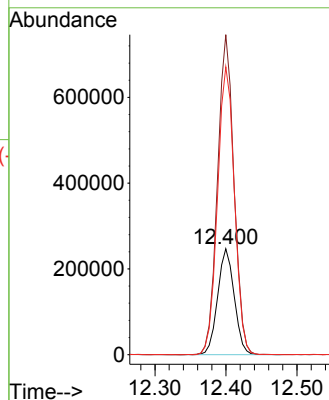
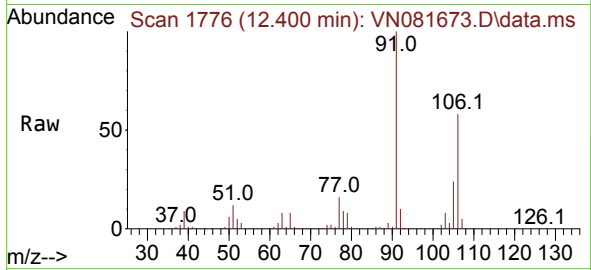
Tgt Ion:104 Resp: 399181

Ion Ratio Lower Upper

104 100

78 300.6 43.8 65.8#

103 278.0 44.2 66.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.000 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

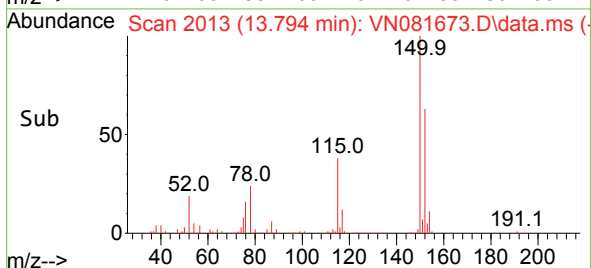
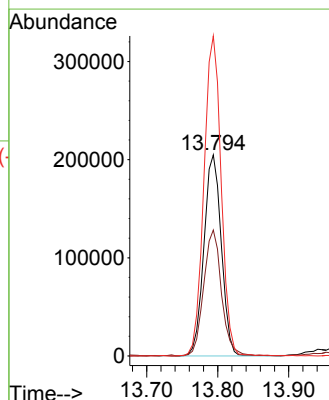
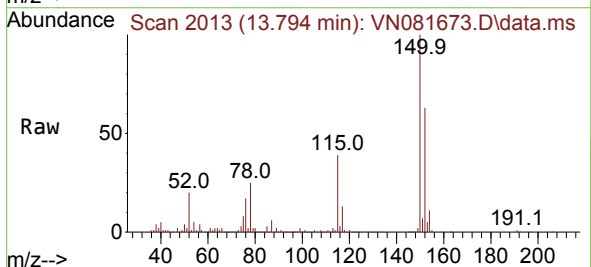
Tgt Ion:152 Resp: 349745

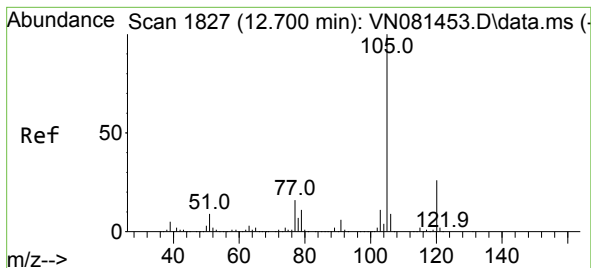
Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 157.5 0.0 339.8





#73

Isopropylbenzene

Concen: 2.145 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

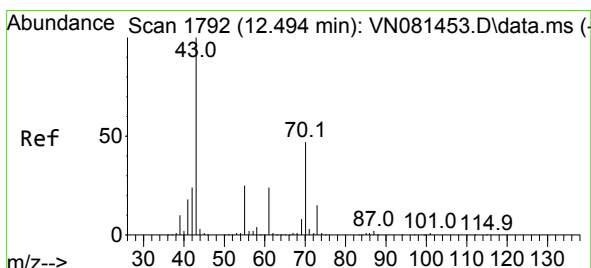
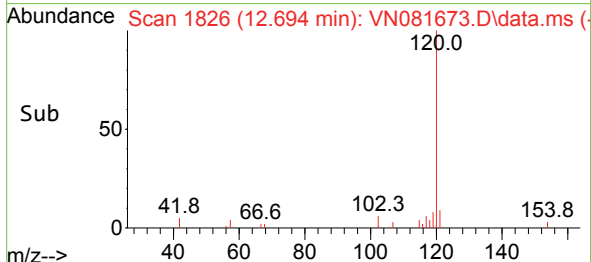
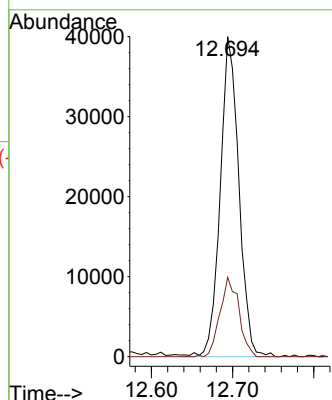
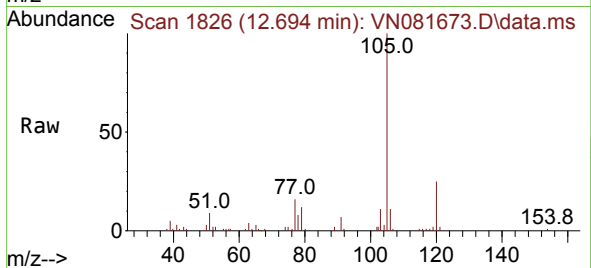
MOO-23-00113

Tgt Ion:105 Resp: 63947

Ion Ratio Lower Upper

105 100

120 25.1 12.6 37.6



#74

N-ethyl acetate

Concen: 2.296 ug/l

RT: 12.459 min Scan# 1786

Delta R.T. -0.035 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Tgt Ion: 43 Resp: 24774

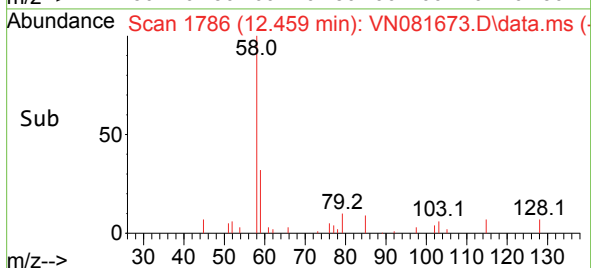
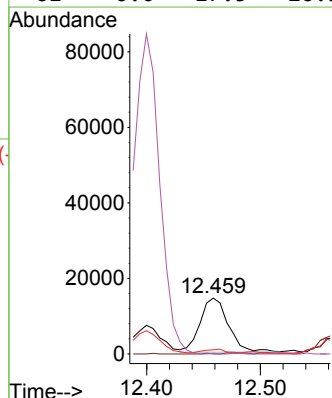
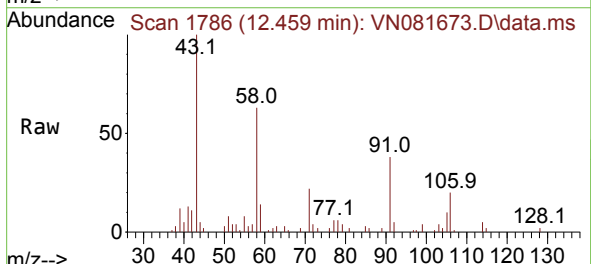
Ion Ratio Lower Upper

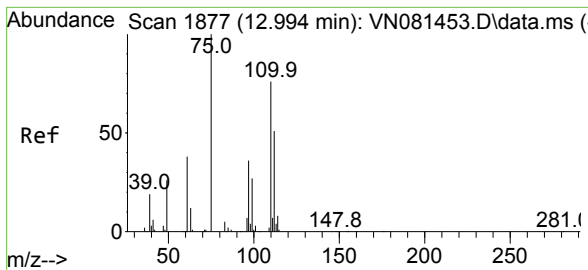
43 100

70 1.3 30.1 45.1#

55 5.7 17.0 25.4#

61 0.0 17.5 26.3#

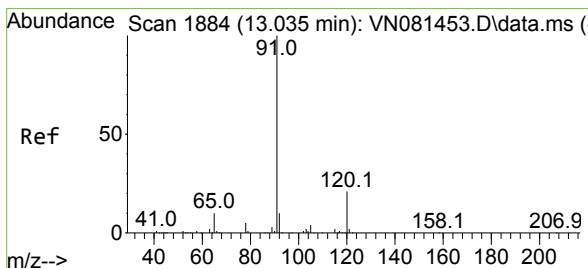
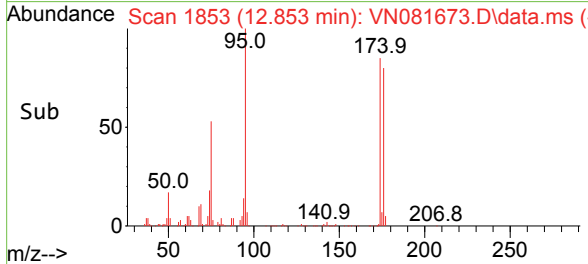
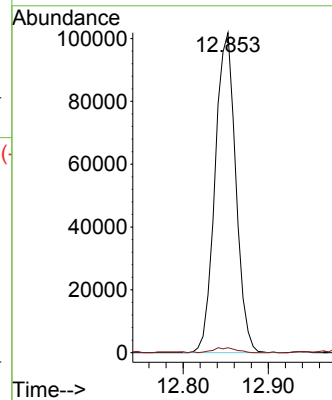
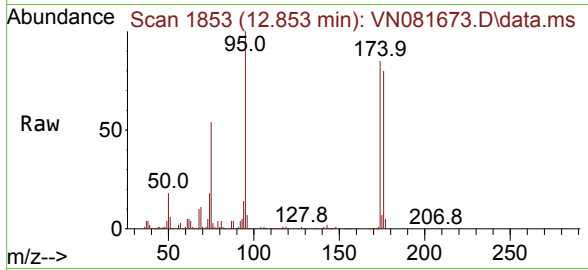




#76
1,2,3-Trichloropropane
Concen: 20.505 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

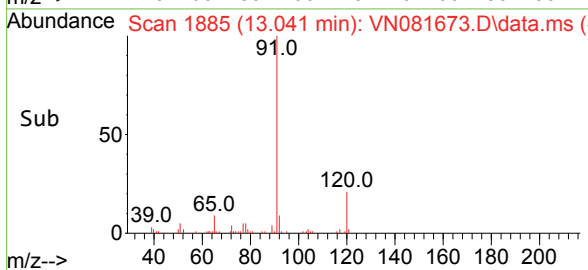
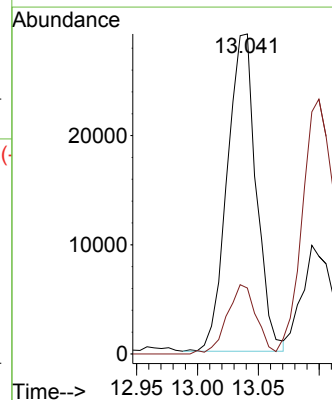
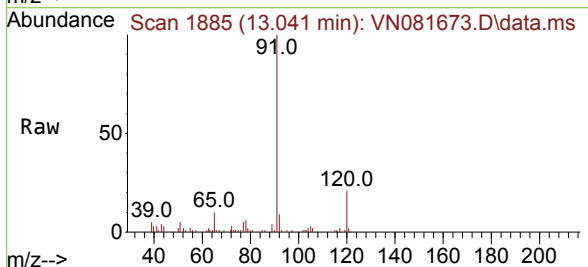
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

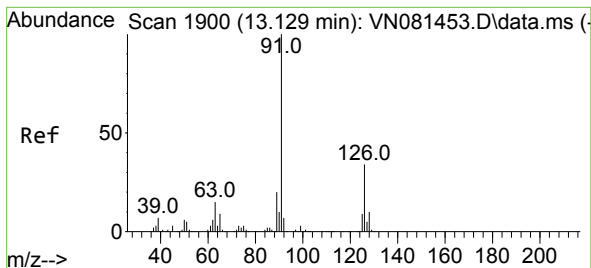
Tgt Ion: 75 Resp: 171542
Ion Ratio Lower Upper
75 100
77 1.7 91.0 272.8#



#78
n-propylbenzene
Concen: 1.373 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 91 Resp: 48328
Ion Ratio Lower Upper
91 100
120 21.9 10.3 30.9





#79

2-Chlorotoluene

Concen: 0.655 ug/l

RT: 13.094 min Scan# 11

Delta R.T. -0.035 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

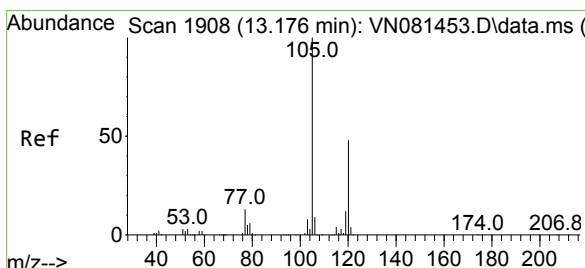
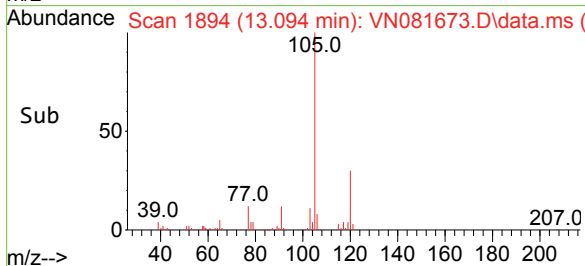
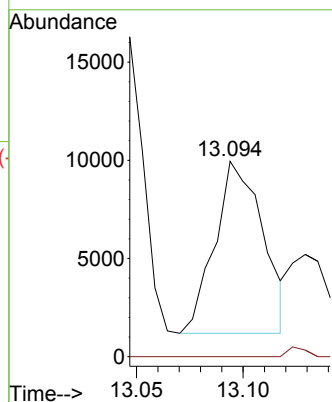
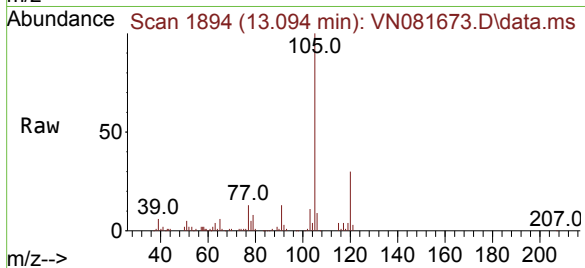
MOO-23-00113

Tgt Ion: 91 Resp: 13792

Ion Ratio Lower Upper

91 100

126 0.0 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 2.071 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.000 min

Lab File: VN081673.D

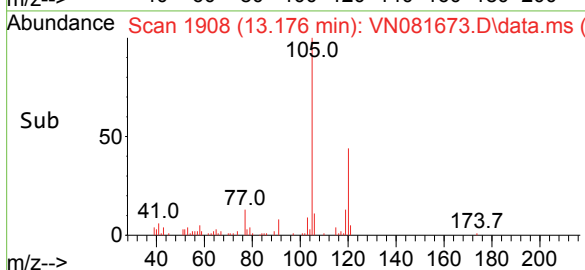
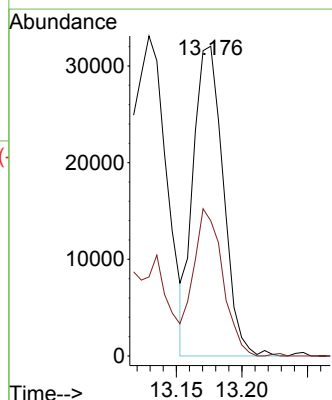
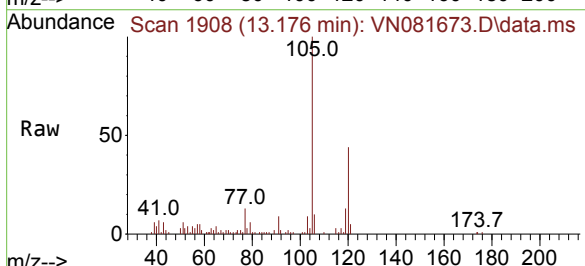
Acq: 08 Apr 2024 13:41

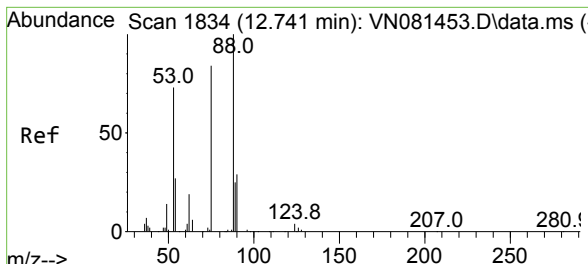
Tgt Ion: 105 Resp: 51007

Ion Ratio Lower Upper

105 100

120 46.4 23.0 69.0

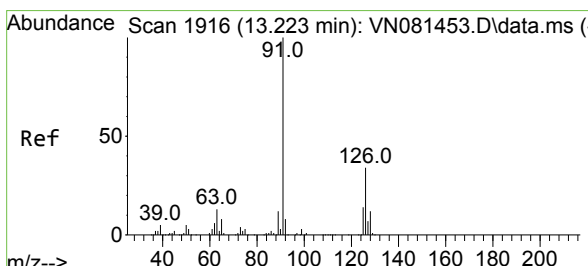
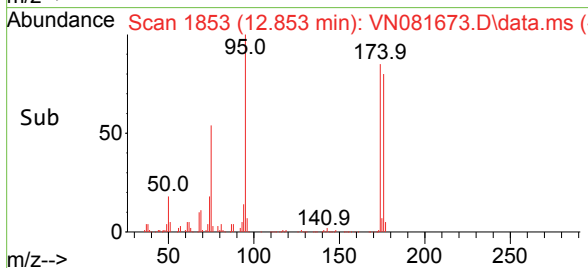
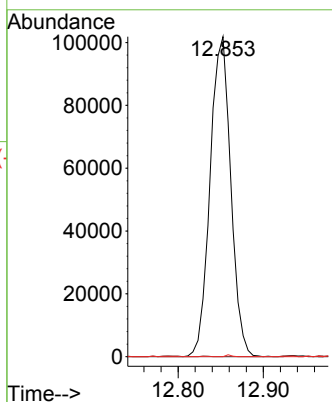
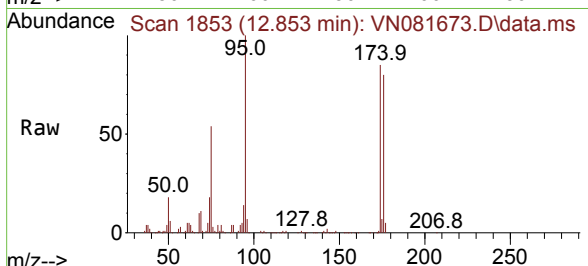




#81
trans-1,4-Dichloro-2-butene
Concen: 55.410 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

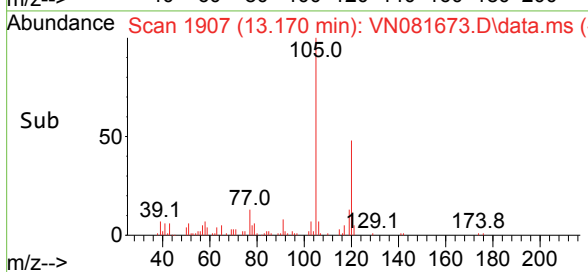
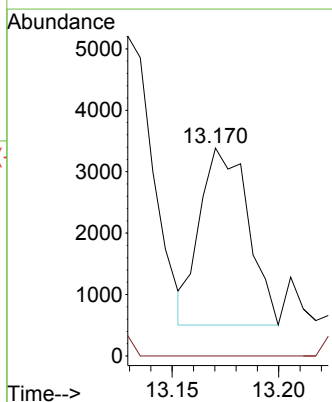
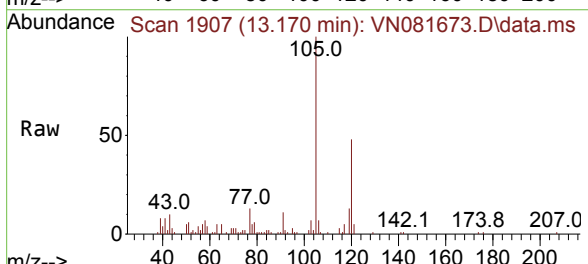
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

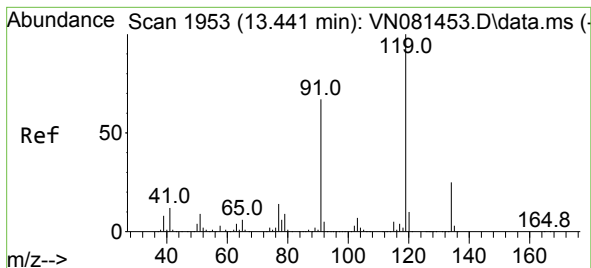
Tgt Ion: 75 Resp: 171542
Ion Ratio Lower Upper
75 100
53 0.0 71.4 107.2#
89 0.2 33.4 50.0#



#82
4-Chlorotoluene
Concen: 0.218 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.053 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 91 Resp: 4538
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#





#83

tert-Butylbenzene

Concen: 1.343 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081673.D

Acq: 08 Apr 2024 13:41

Instrument :

MSVOA_N

ClientSampleId :

MOO-23-00113

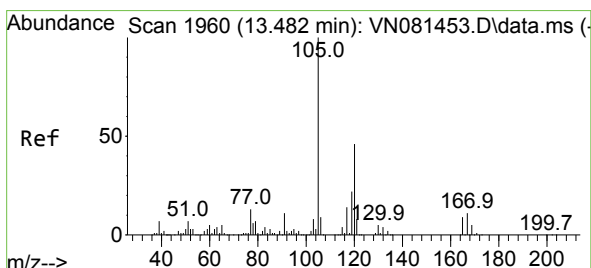
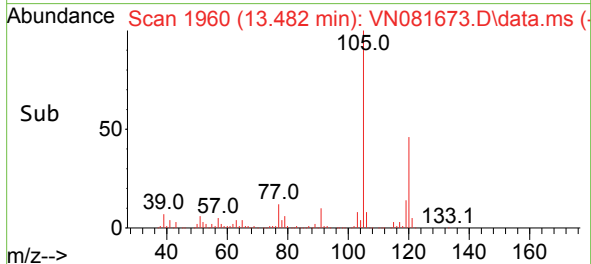
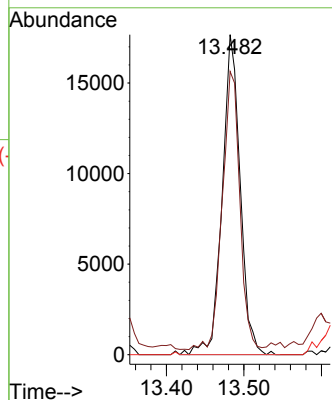
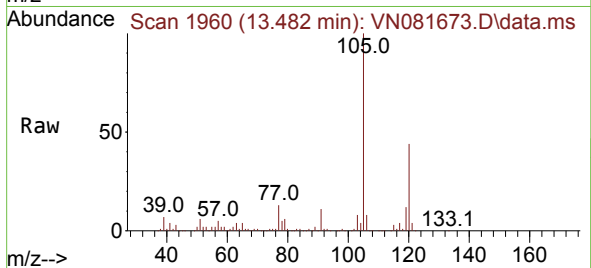
Tgt Ion:119 Resp: 28508

Ion Ratio Lower Upper

119 100

91 84.3 36.8 110.4

134 0.0 12.4 37.4#



#84

1,2,4-Trimethylbenzene

Concen: 9.406 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN081673.D

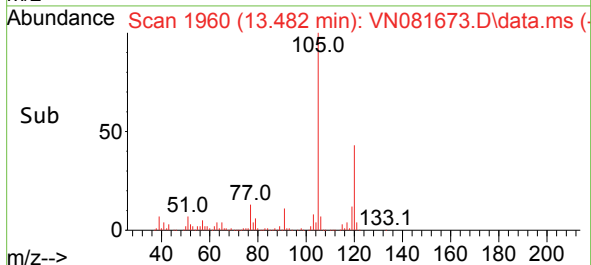
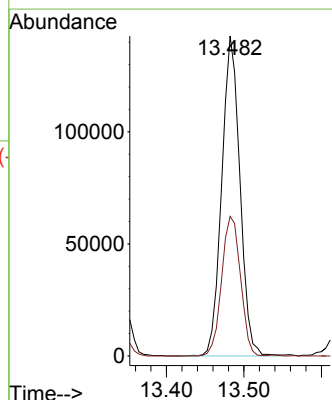
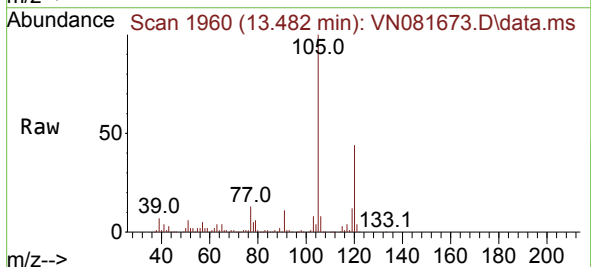
Acq: 08 Apr 2024 13:41

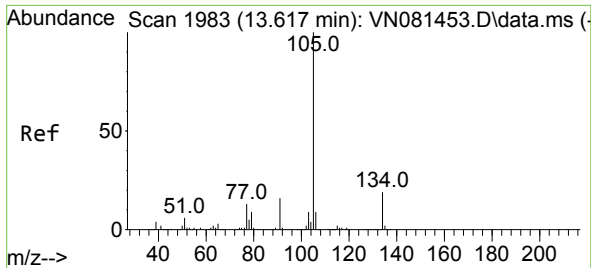
Tgt Ion:105 Resp: 232782

Ion Ratio Lower Upper

105 100

120 45.1 20.9 62.7

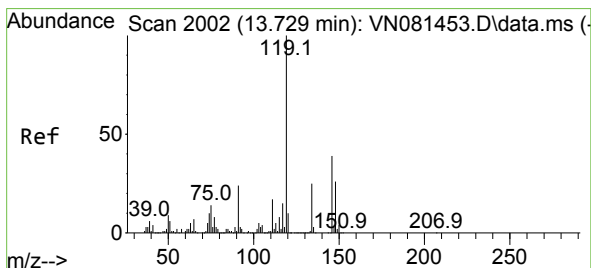
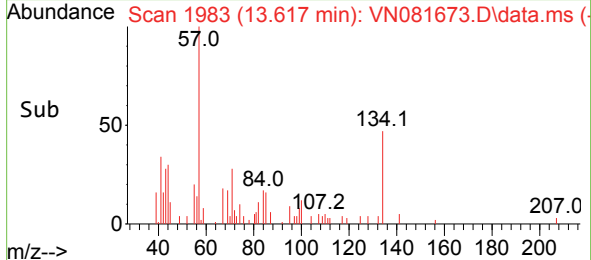
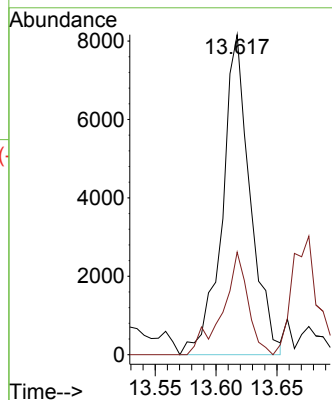
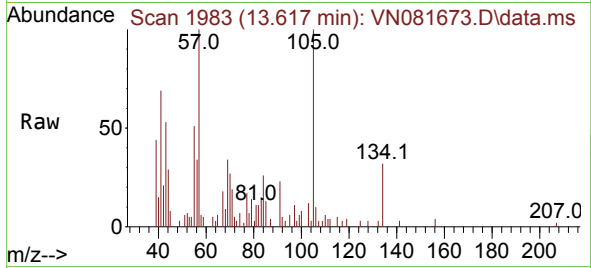




#85
 sec-Butylbenzene
 Concen: 0.429 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.000 min
 Lab File: VN081673.D
 Acq: 08 Apr 2024 13:41

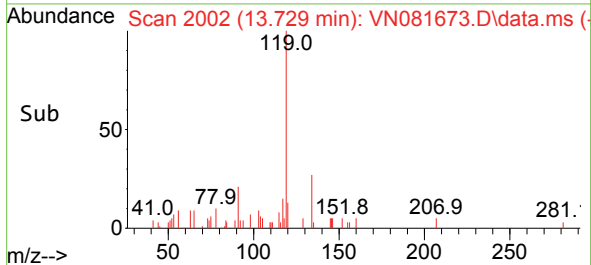
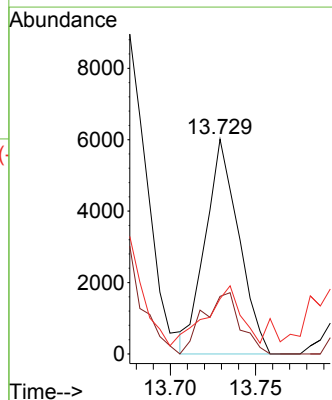
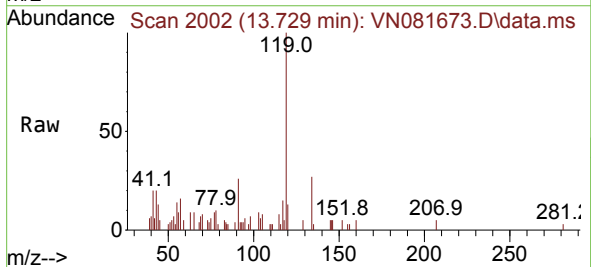
Instrument :
 MSVOA_N
 ClientSampleId :
 MOO-23-00113

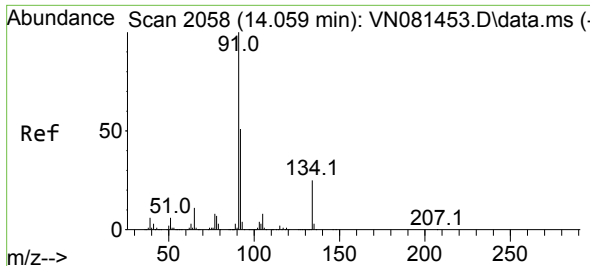
Tgt Ion:105 Resp: 13025
 Ion Ratio Lower Upper
 105 100
 134 29.0 8.6 25.8#



#86
 p-Isopropyltoluene
 Concen: 0.331 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN081673.D
 Acq: 08 Apr 2024 13:41

Tgt Ion:119 Resp: 8203
 Ion Ratio Lower Upper
 119 100
 134 31.7 12.4 37.2
 91 29.1 13.5 40.4

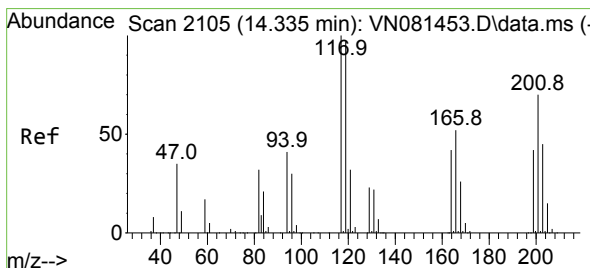
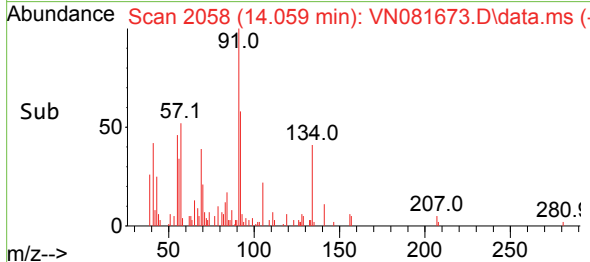
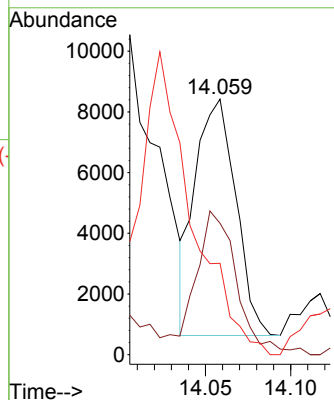
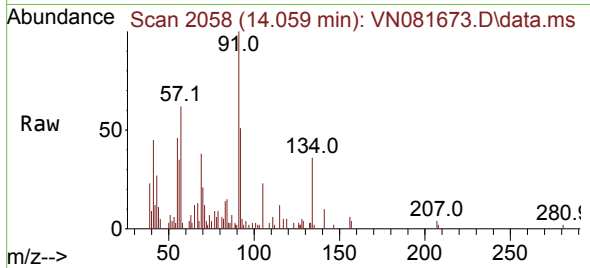




#89
n-Butylbenzene
Concen: 0.586 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

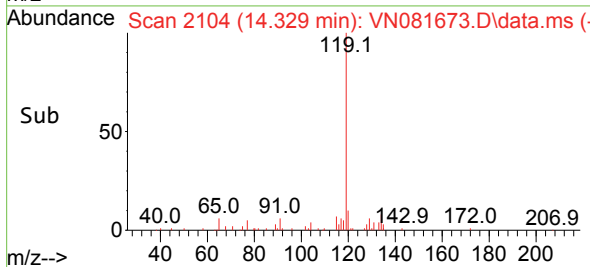
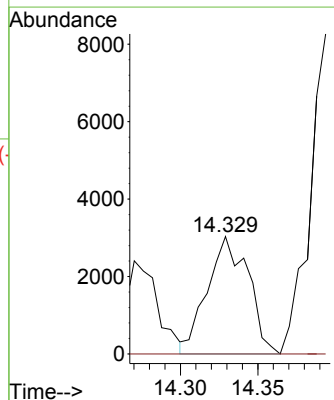
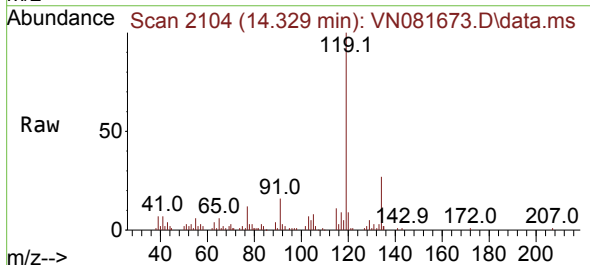
Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

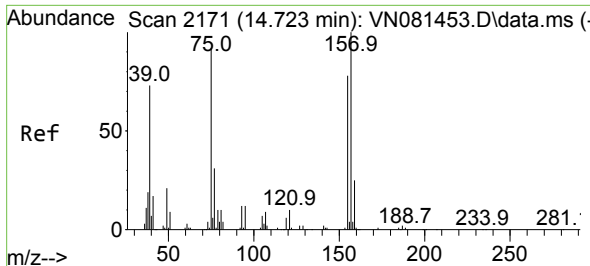
Tgt Ion: 91 Resp: 12886
Ion Ratio Lower Upper
91 100
92 63.0 26.7 80.1
134 0.0 10.8 32.4#



#90
Hexachloroethane
Concen: 1.184 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion: 117 Resp: 5563
Ion Ratio Lower Upper
117 100
201 0.0 30.0 90.0#

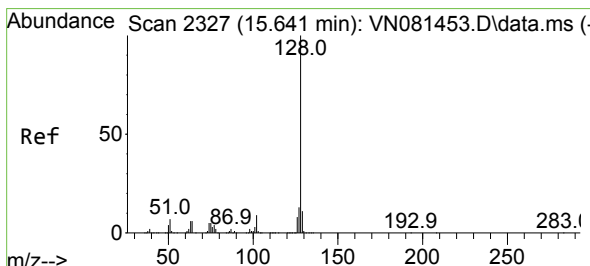
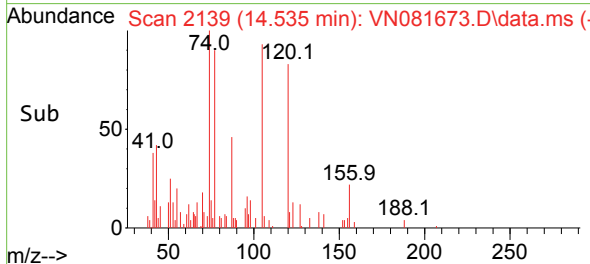
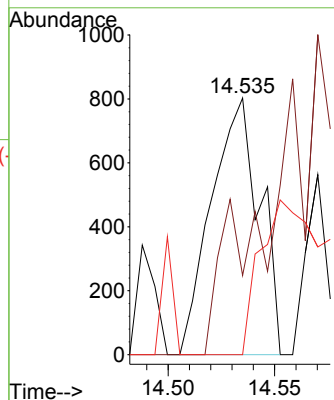
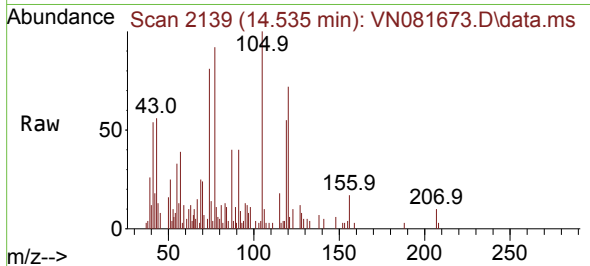




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.680 ug/l
RT: 14.535 min Scan# 2171
Delta R.T. -0.188 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Instrument :
MSVOA_N
ClientSampleId :
MOO-23-00113

Tgt Ion: 75 Resp: 1268
Ion Ratio Lower Upper
75 100
155 28.9 31.8 95.4#
157 0.0 41.1 123.4#



#95
Naphthalene
Concen: 4.177 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. -0.000 min
Lab File: VN081673.D
Acq: 08 Apr 2024 13:41

Tgt Ion:128 Resp: 101924
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.1 8.7 13.1

