

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
 Data File : VN081483.D
 Acq On : 19 Mar 2024 20:08
 Operator : JC\MD
 Sample : P1772-01
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 1151

Quant Time: Mar 20 01:24:42 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	8.218	168	494813	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.100	114	837856	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	730412	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	361066	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	299553	47.471	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.940%		
35) Dibromofluoromethane	8.165	113	245517	46.431	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.860%		
50) Toluene-d8	10.565	98	969804	50.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.480%		
62) 4-Bromofluorobenzene	12.853	95	354640	52.655	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.300%		
Target Compounds						
						Qvalue
16) Acetone	4.442	43	4720	2.315	ug/l	# 82
18) Methyl Acetate	5.030	43	3510	0.558	ug/l	# 76
20) Methylene Chloride	5.265	84	5471	0.819	ug/l	# 52
25) 2-Butanone	7.483	43	5534	1.582	ug/l	# 51
29) Tetrahydrofuran	7.835	42	1080	0.458	ug/l	# 61
31) Cyclohexane	8.212	56	33874	3.299	ug/l	# 76
36) 1,1-Dichloropropene	8.224	75	41006	4.608	ug/l	# 52
38) Carbon Tetrachloride	8.218	117	51118	5.244	ug/l	# 18
39) Methylcyclohexane	9.600	83	33040	3.325	ug/l	85
43) Isopropyl Acetate	8.694	43	66586	5.272	ug/l	# 57
48) Methyl methacrylate	9.682	41	1694	0.291	ug/l	# 38
49) 1,4-Dioxane	9.700	88	62	0.443	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.453	43	1581	0.205	ug/l	# 61
52) Toluene	10.629	92	49037	2.966	ug/l	99
55) 1,1,2-Trichloroethane	11.006	97	11519	1.731	ug/l	# 20
56) Ethyl methacrylate	10.853	69	438	0.619	ug/l	# 1
59) 2-Hexanone	11.176	43	9165	1.608	ug/l	# 28
60) Dibromochloromethane	11.371	129	2243	0.306	ug/l	72
66) 1,1,1,2-Tetrachloroethane	11.971	131	2911	0.455	ug/l	# 25
67) Ethyl Benzene	11.965	91	100324	3.345	ug/l	99
68) m/p-Xylenes	12.071	106	162585	14.459	ug/l	97
69) o-Xylene	12.400	106	78865	7.144	ug/l	98
70) Styrene	12.418	104	8400	0.472	ug/l	# 1
73) Isopropylbenzene	12.694	105	37229	1.210	ug/l	97
74) N-amyl acetate	12.482	43	32713	2.937	ug/l	# 63
75) 1,1,2,2-Tetrachloroethane	12.912	83	3907	0.432	ug/l	# 27
76) 1,2,3-Trichloropropane	12.853	75	181510	21.016	ug/l	# 1
78) n-propylbenzene	13.041	91	140934	3.877	ug/l	92
79) 2-Chlorotoluene	13.100	91	55663	2.559	ug/l	# 47
80) 1,3,5-Trimethylbenzene	13.176	105	176839	6.956	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	181510	56.791	ug/l	# 15
82) 4-Chlorotoluene	13.176	91	17897	0.834	ug/l	# 48
83) tert-Butylbenzene	13.482	119	91814	4.188	ug/l	# 78
84) 1,2,4-Trimethylbenzene	13.482	105	693651	27.149	ug/l	96
85) sec-Butylbenzene	13.617	105	76012	2.426	ug/l	# 77
86) p-Isopropyltoluene	13.729	119	49883	1.947	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081483.D
Acq On : 19 Mar 2024 20:08
Operator : JC\MD
Sample : P1772-01
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1151

Quant Time: Mar 20 01:24:42 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

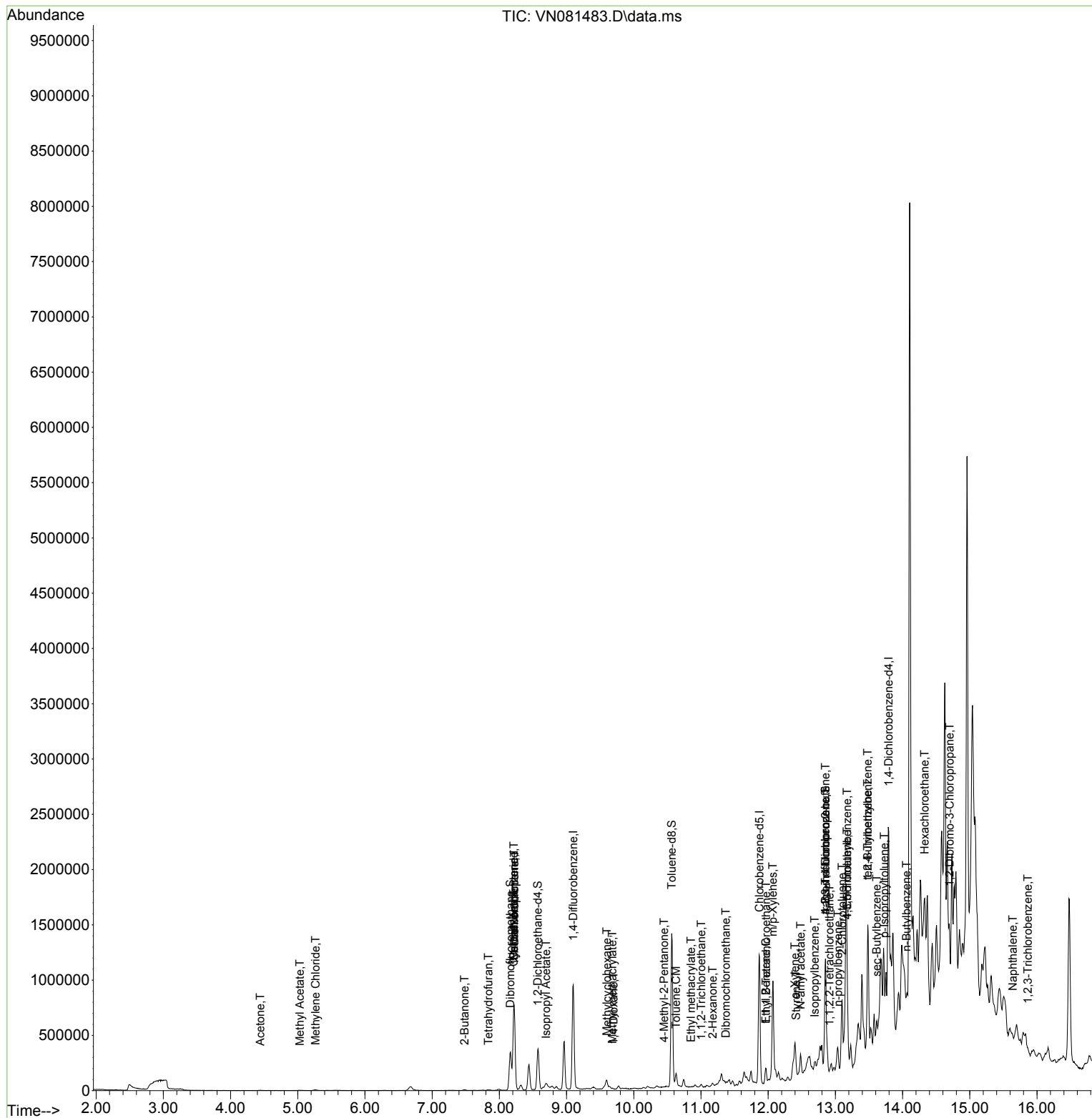
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	14.059	91	116953	5.149	ug/l #	78
90) Hexachloroethane	14.329	117	23342	4.811	ug/l #	27
92) 1,2-Dibromo-3-Chloropr...	14.700	75	1936	1.005	ug/l #	29
95) Naphthalene	15.641	128	89249	3.543	ug/l #	71
96) 1,2,3-Trichlorobenzene	15.864	180	1982	0.253	ug/l #	27

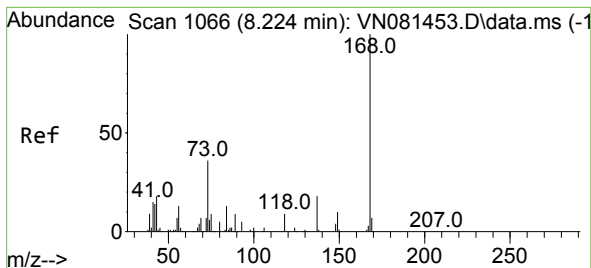
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031924\
Data File : VN081483.D
Acq On : 19 Mar 2024 20:08
Operator : JC\MD
Sample : P1772-01
Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
1151

Quant Time: Mar 20 01:24:42 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

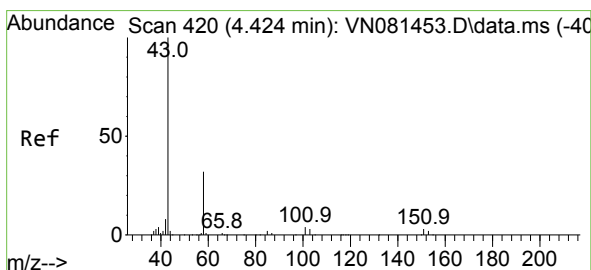
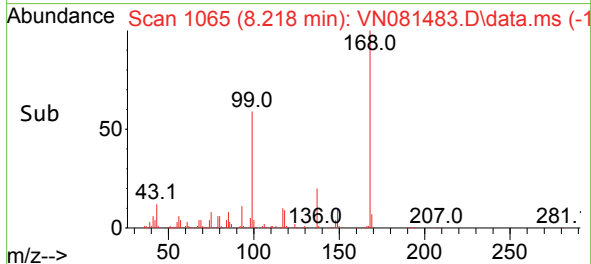
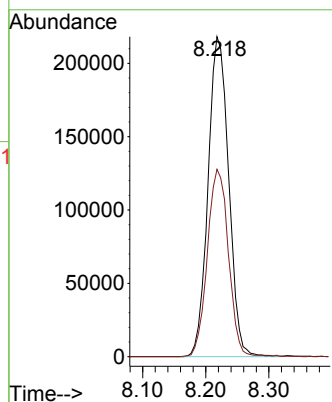
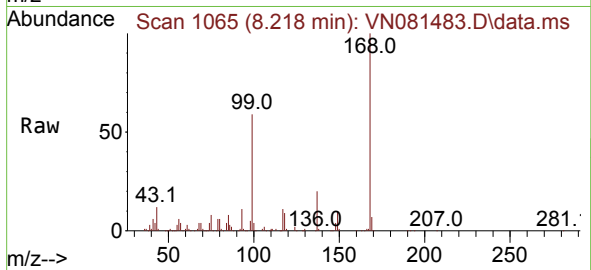
1151

Tgt Ion:168 Resp: 494813

Ion Ratio Lower Upper

168 100

99 58.5 59.9 89.9#



#16

Acetone

Concen: 2.315 ug/l

RT: 4.442 min Scan# 423

Delta R.T. 0.018 min

Lab File: VN081483.D

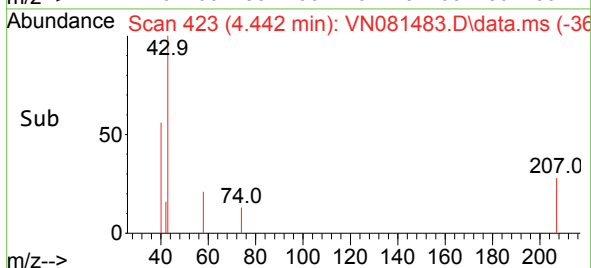
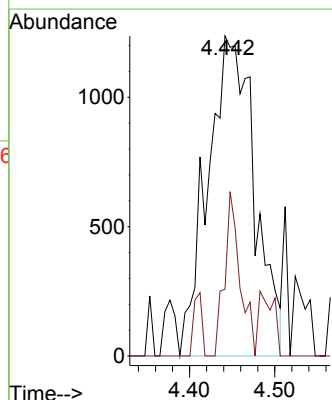
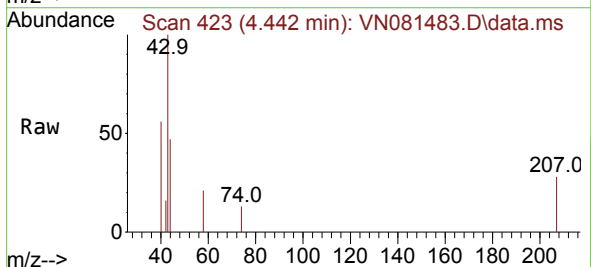
Acq: 19 Mar 2024 20:08

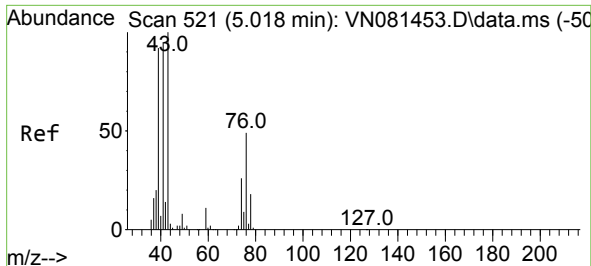
Tgt Ion: 43 Resp: 4720

Ion Ratio Lower Upper

43 100

58 20.9 24.8 37.2#





#18

Methyl Acetate

Concen: 0.558 ug/l

RT: 5.030 min Scan# 51

Delta R.T. 0.012 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

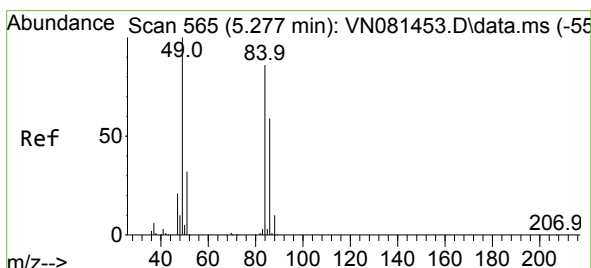
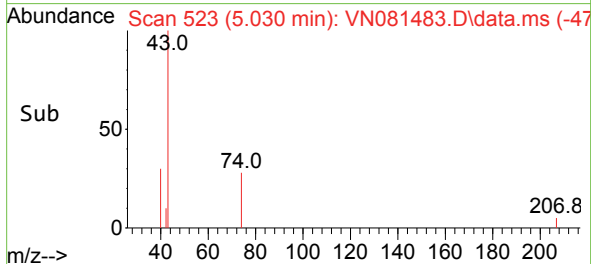
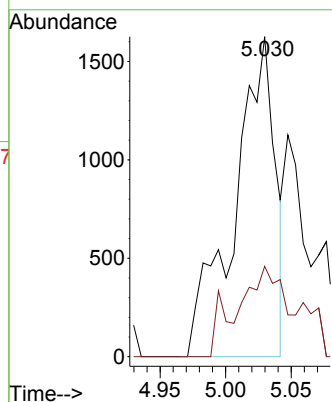
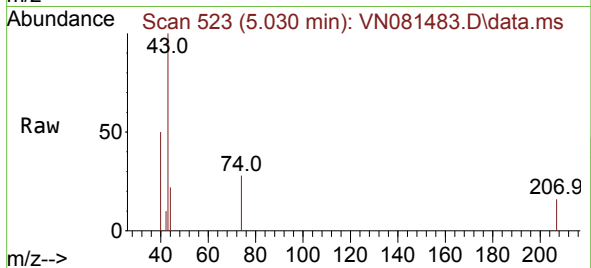
1151

Tgt Ion: 43 Resp: 3510

Ion Ratio Lower Upper

43 100

74 33.1 17.3 25.9#



#20

Methylene Chloride

Concen: 0.819 ug/l

RT: 5.265 min Scan# 563

Delta R.T. -0.012 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Tgt Ion: 84 Resp: 5471

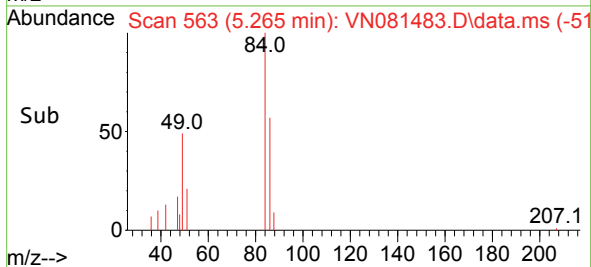
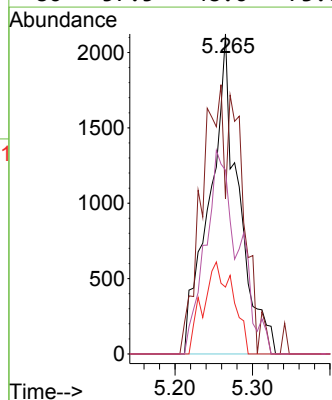
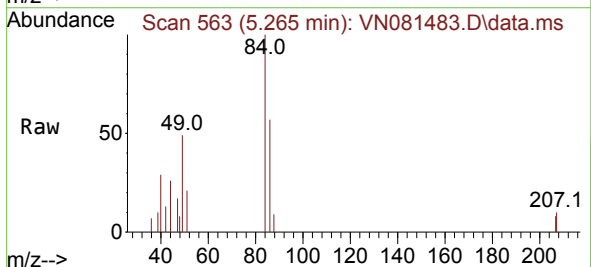
Ion Ratio Lower Upper

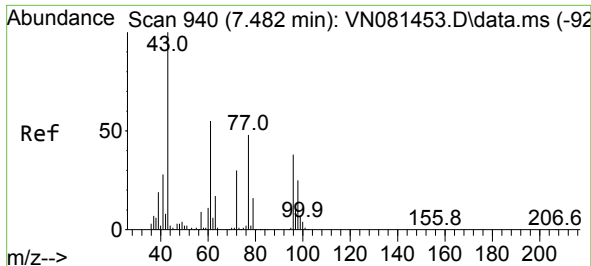
84 100

49 48.6 108.1 162.1#

51 20.9 32.9 49.3#

86 57.5 48.6 73.0

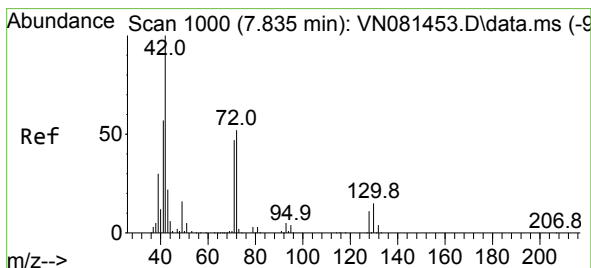
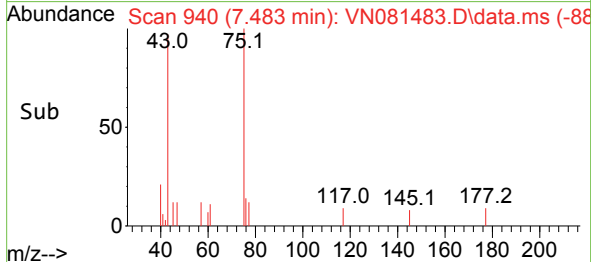
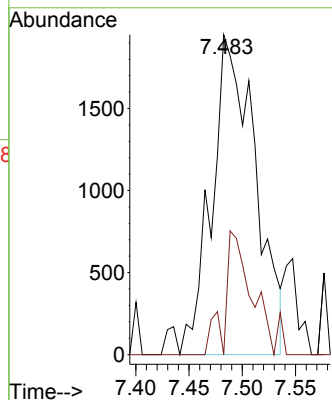
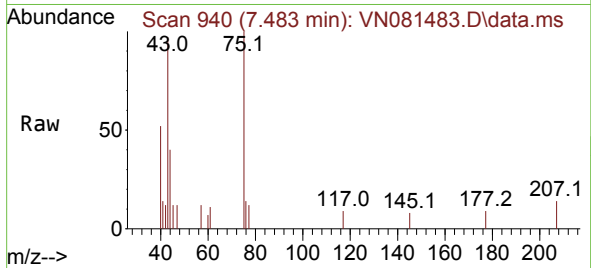




#25
2-Butanone
Concen: 1.582 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

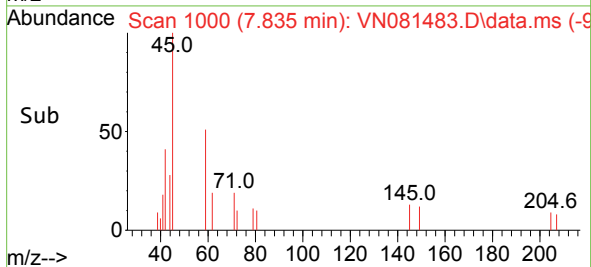
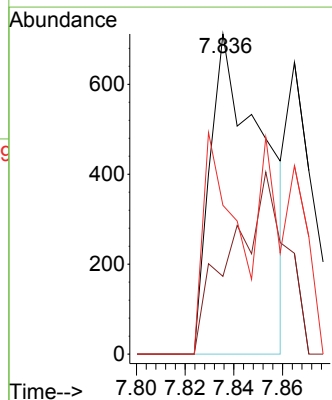
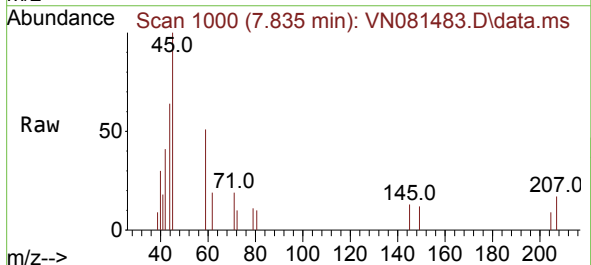
Instrument :
MSVOA_N
ClientSampleId :
1151

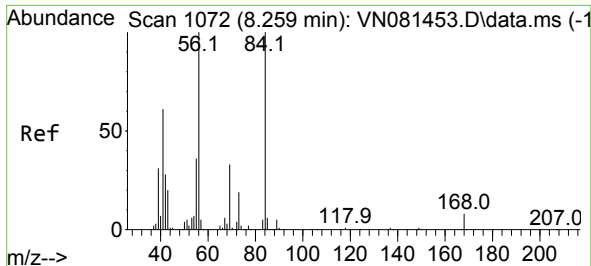
Tgt Ion: 43 Resp: 5534
Ion Ratio Lower Upper
43 100
72 0.0 19.5 29.3#



#29
Tetrahydrofuran
Concen: 0.458 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 42 Resp: 1080
Ion Ratio Lower Upper
42 100
72 0.0 31.1 46.7#
71 42.0 28.3 42.5

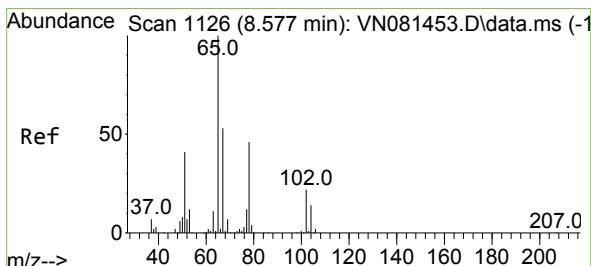
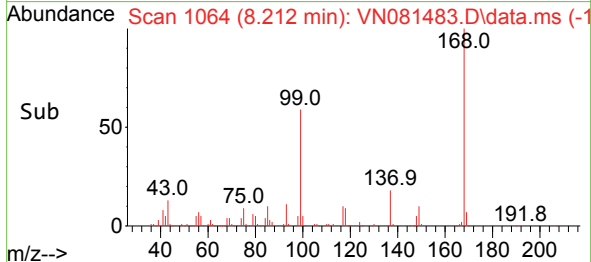
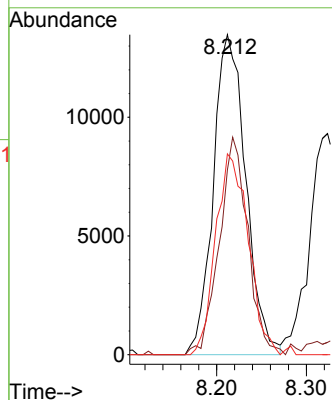
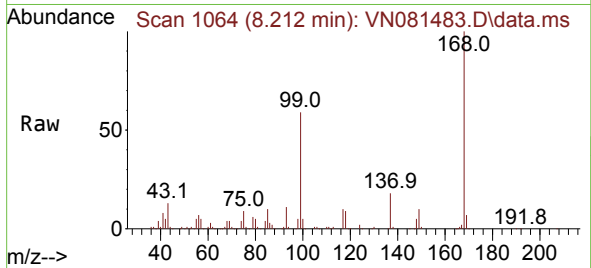




#31
Cyclohexane
Concen: 3.299 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.047 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

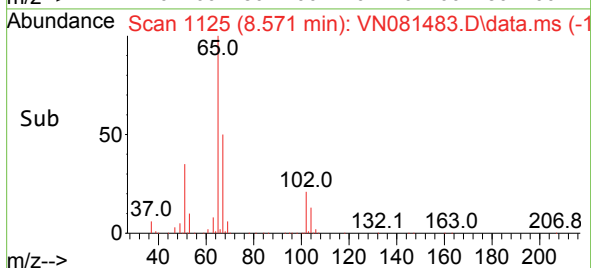
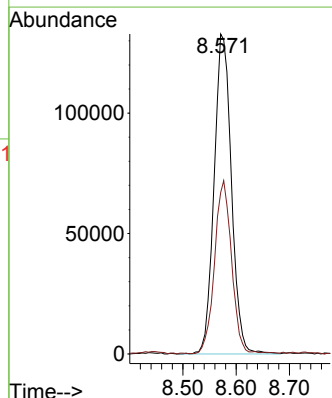
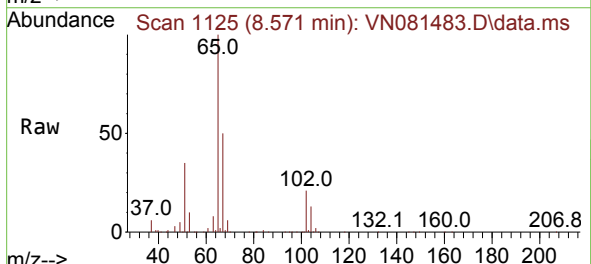
Instrument :
MSVOA_N
ClientSampleId :
1151

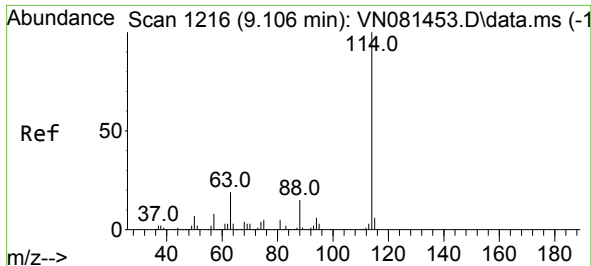
Tgt Ion: 56 Resp: 33874
Ion Ratio Lower Upper
56 100
69 57.8 20.1 30.1#
84 62.8 56.9 85.3



#33
1,2-Dichloroethane-d4
Concen: 47.471 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 65 Resp: 299553
Ion Ratio Lower Upper
65 100
67 52.9 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1151

Delta R.T. -0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

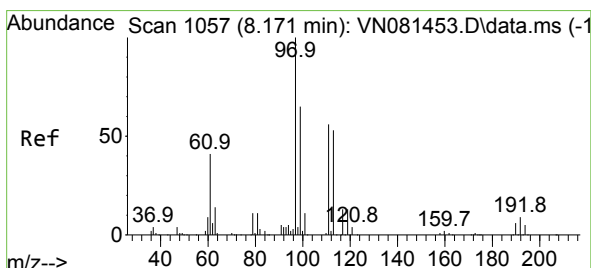
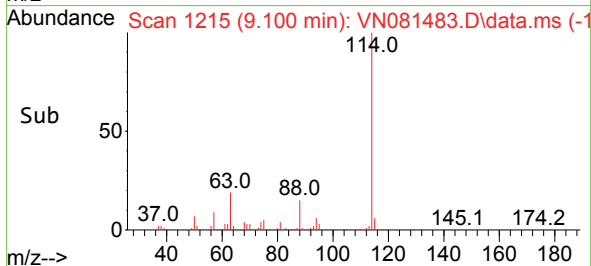
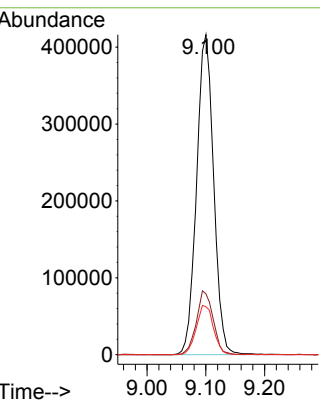
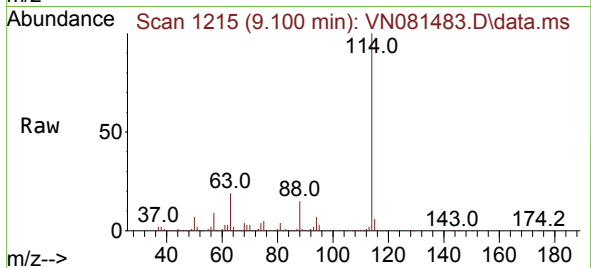
Tgt Ion:114 Resp: 837856

Ion Ratio Lower Upper

114 100

63 19.0 0.0 48.0

88 15.0 0.0 34.8



#35

Dibromofluoromethane

Concen: 46.431 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

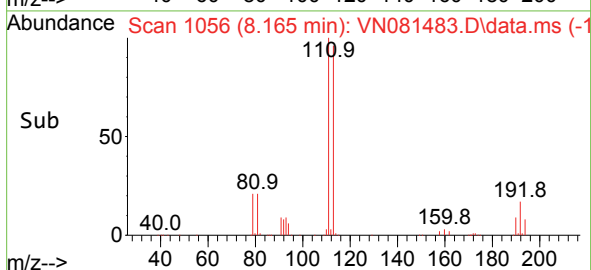
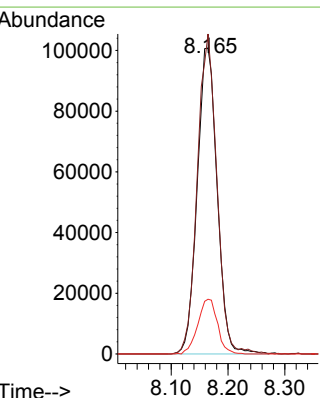
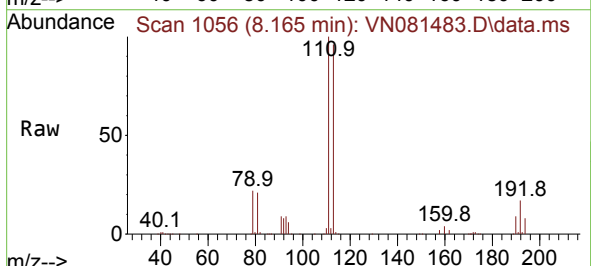
Tgt Ion:113 Resp: 245517

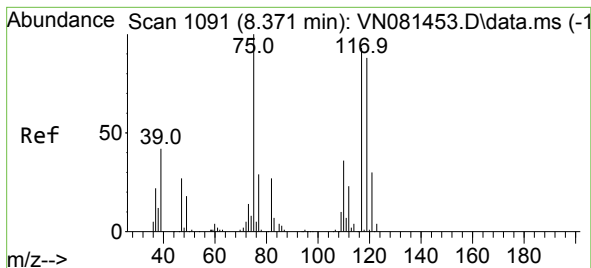
Ion Ratio Lower Upper

113 100

111 102.4 82.2 123.4

192 17.6 12.5 18.7





#36

1,1-Dichloropropene

Concen: 4.608 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

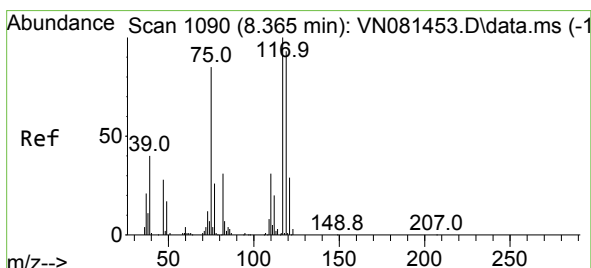
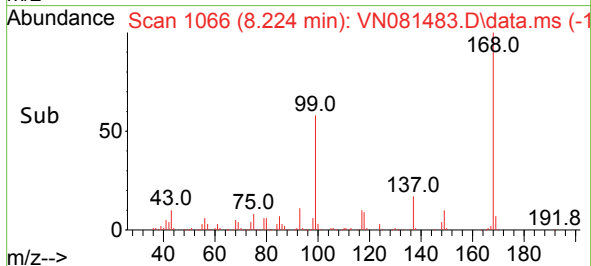
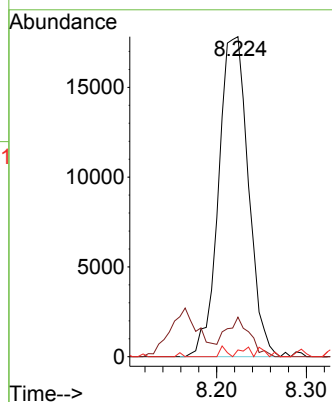
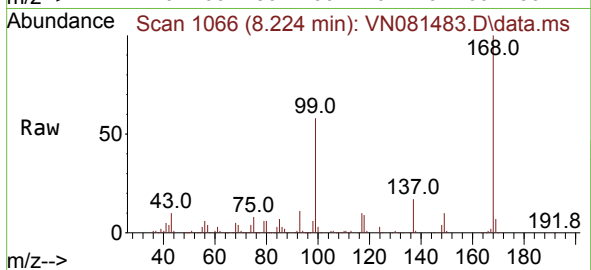
Tgt Ion: 75 Resp: 41006

Ion Ratio Lower Upper

75 100

110 9.9 16.0 48.0#

77 1.1 25.8 38.6#



#38

Carbon Tetrachloride

Concen: 5.244 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

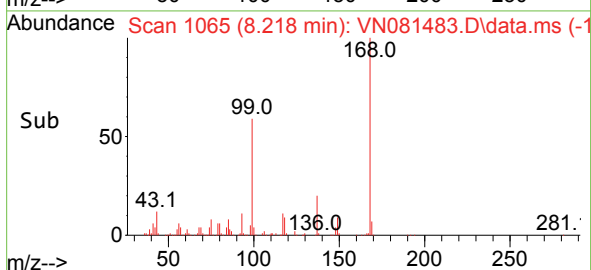
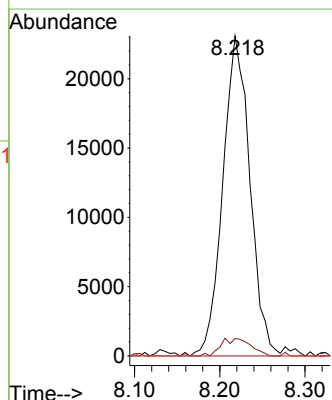
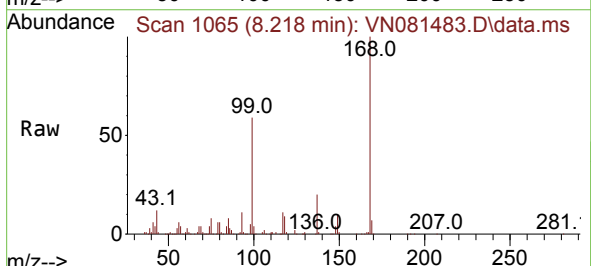
Tgt Ion: 117 Resp: 51118

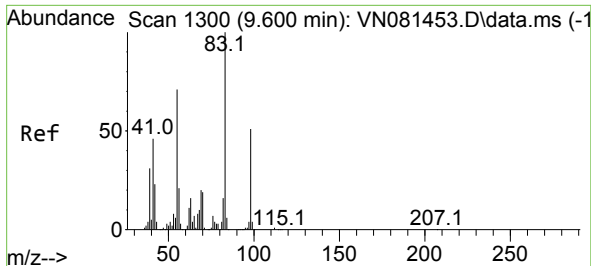
Ion Ratio Lower Upper

117 100

119 5.5 73.4 110.2#

121 0.0 24.4 36.6#





#39

Methylcyclohexane

Concen: 3.325 ug/l

RT: 9.600 min Scan# 1151

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

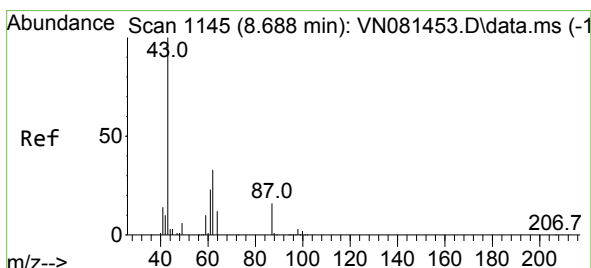
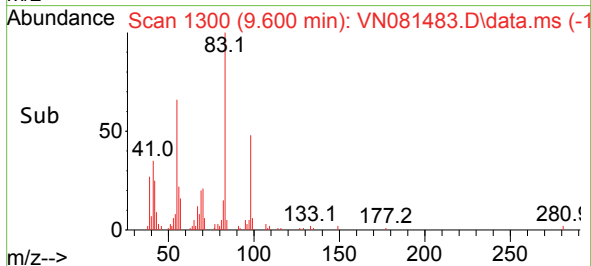
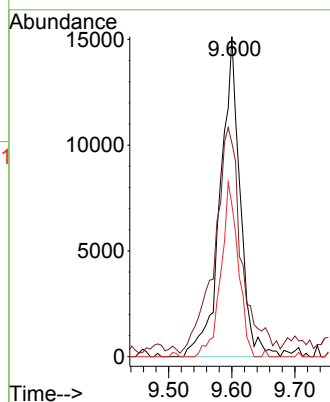
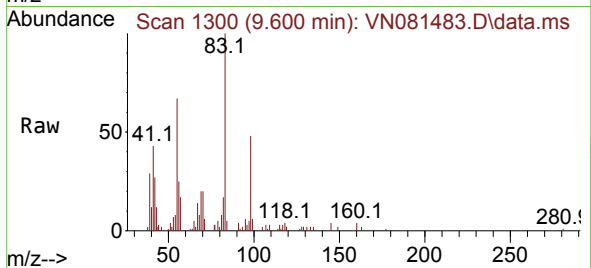
Tgt Ion: 83 Resp: 33040

Ion Ratio Lower Upper

83 100

55 65.7 65.7 98.5

98 47.5 33.8 50.6



#43

Isopropyl Acetate

Concen: 5.272 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

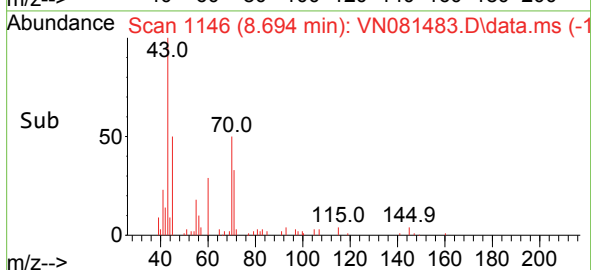
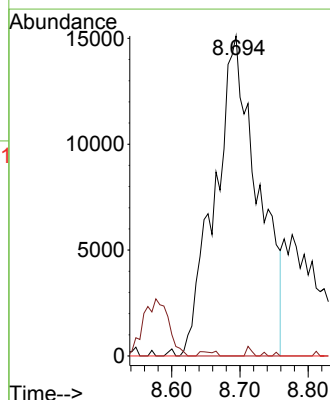
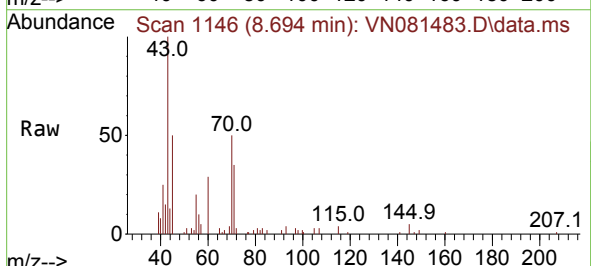
Tgt Ion: 43 Resp: 66586

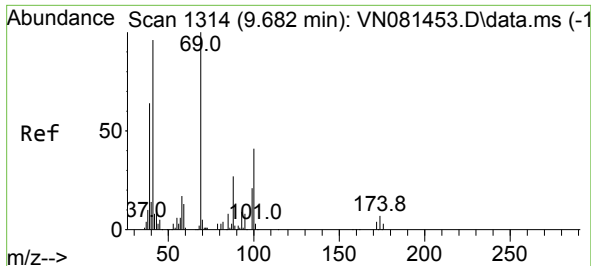
Ion Ratio Lower Upper

43 100

61 0.3 19.9 29.9#

87 0.0 9.0 13.6#

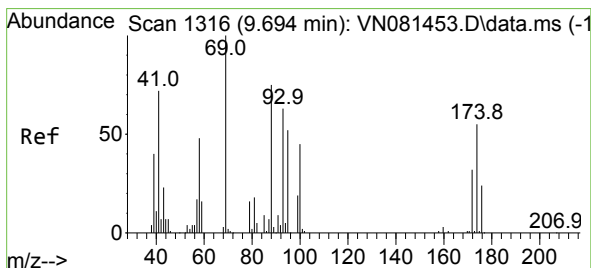
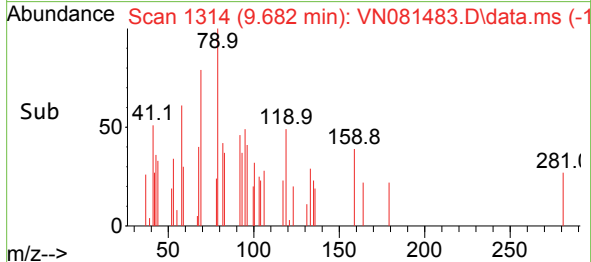
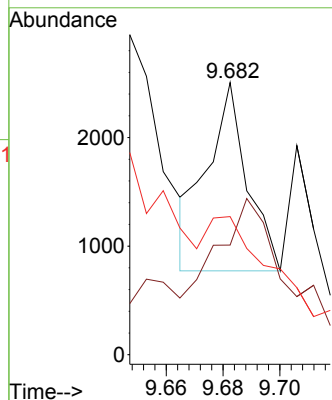
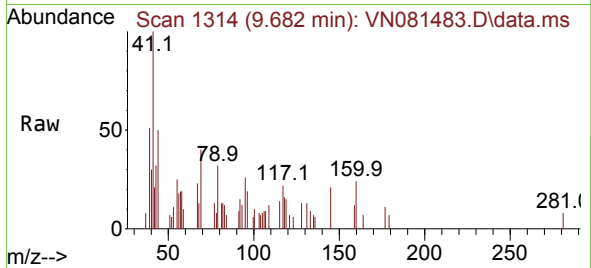




#48
Methyl methacrylate
Concen: 0.291 ug/l
RT: 9.682 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

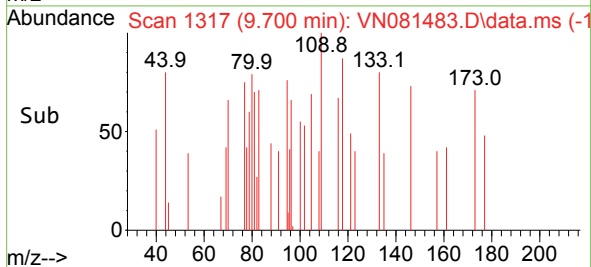
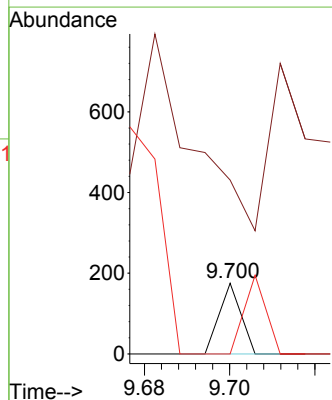
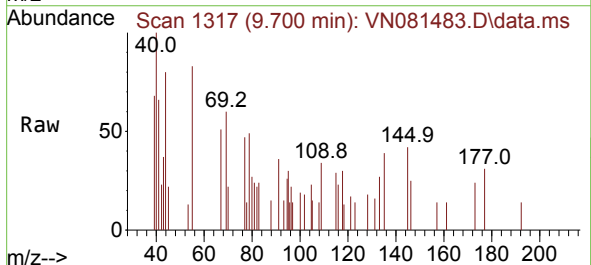
Instrument :
MSVOA_N
ClientSampleId :
1151

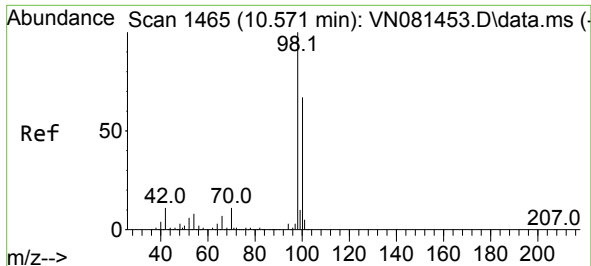
Tgt Ion: 41 Resp: 1694
Ion Ratio Lower Upper
41 100
69 119.7 62.2 93.2#
39 0.0 47.6 71.4#



#49
1,4-Dioxane
Concen: 0.443 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 88 Resp: 62
Ion Ratio Lower Upper
88 100
43 775.8 30.1 45.1#
58 111.3 63.9 95.9#

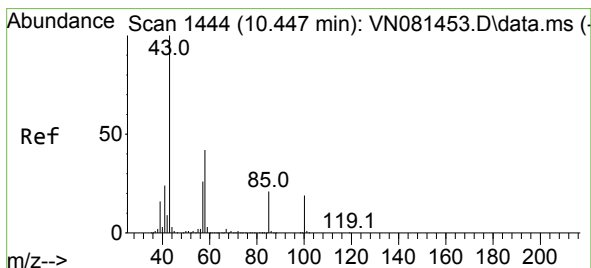
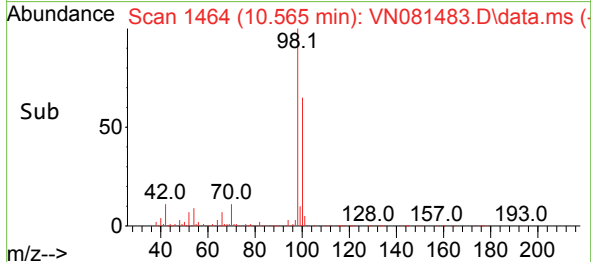
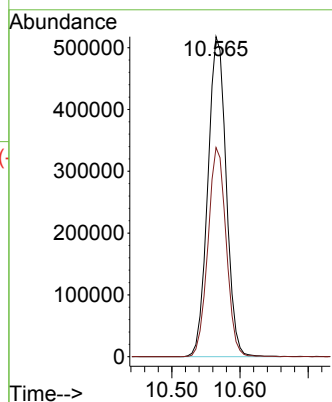
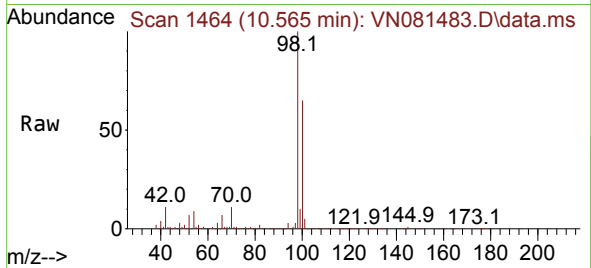




#50
Toluene-d8
Concen: 50.737 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

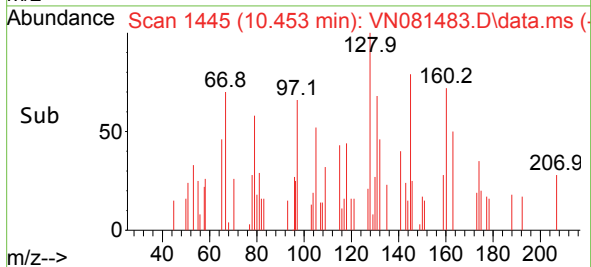
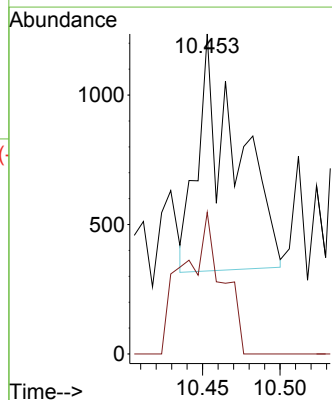
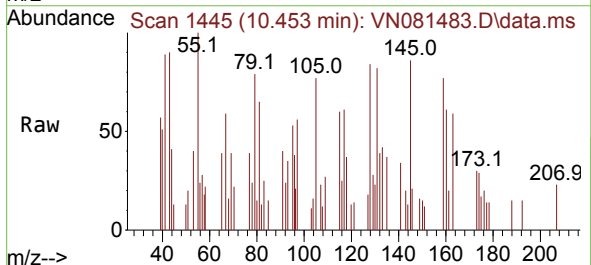
Instrument :
MSVOA_N
ClientSampleId :
1151

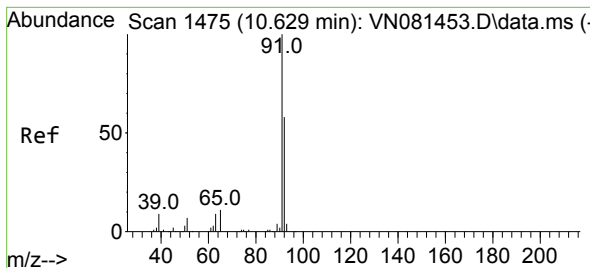
Tgt Ion: 98 Resp: 969804
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 0.205 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 43 Resp: 1581
Ion Ratio Lower Upper
43 100
58 60.0 29.4 44.0#





#52

Toluene

Concen: 2.966 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

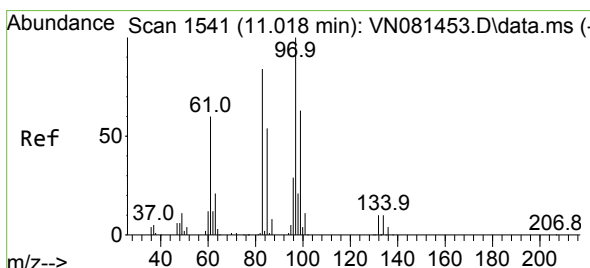
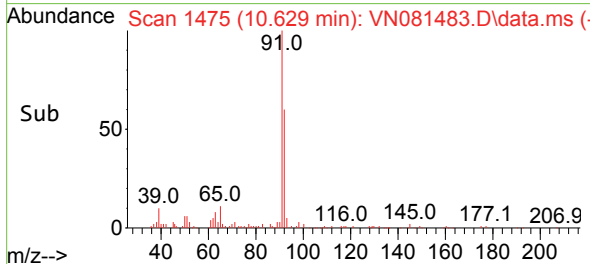
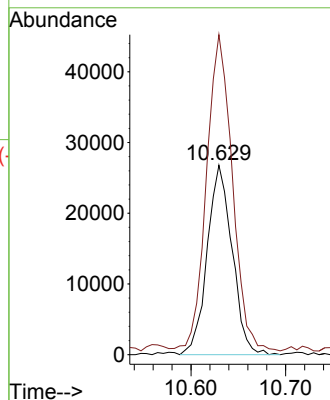
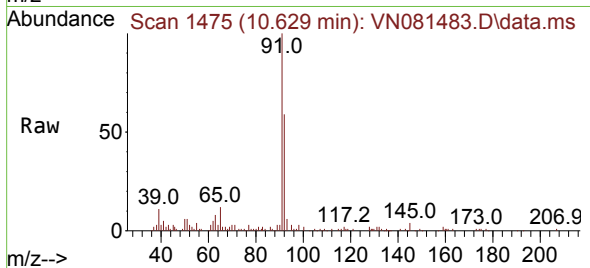
1151

Tgt Ion: 92 Resp: 49037

Ion Ratio Lower Upper

92 100

91 173.1 139.4 209.0



#55

1,1,2-Trichloroethane

Concen: 1.731 ug/l

RT: 11.006 min Scan# 1539

Delta R.T. -0.012 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Tgt Ion: 97 Resp: 11519

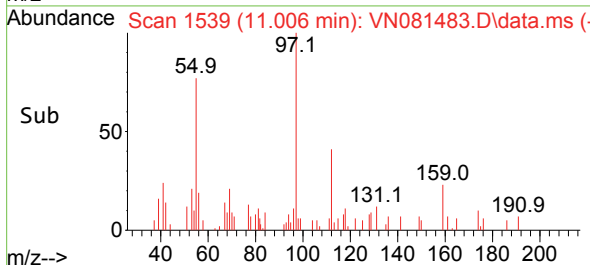
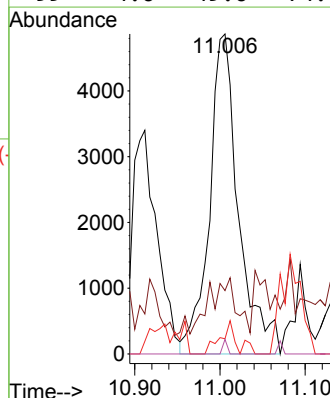
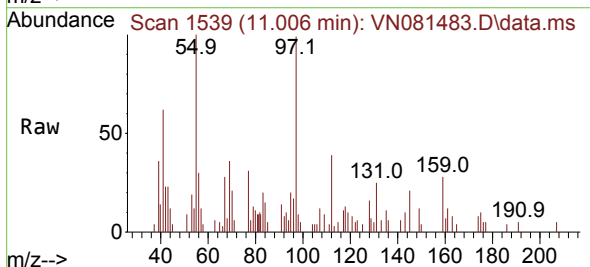
Ion Ratio Lower Upper

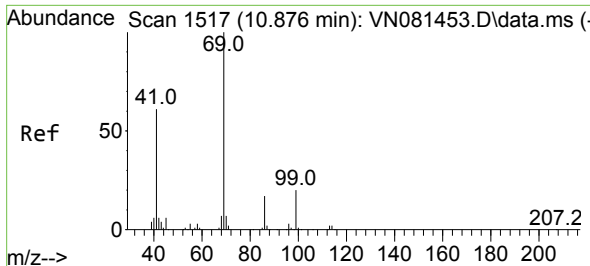
97 100

83 13.1 72.9 109.3#

85 0.3 50.2 75.2#

99 4.6 49.6 74.4#

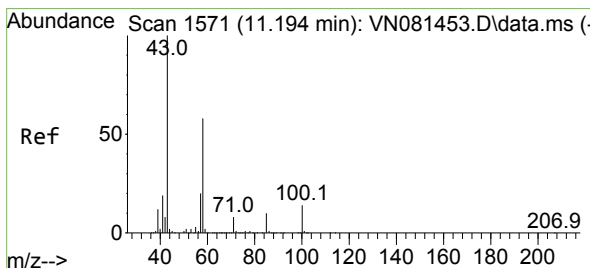
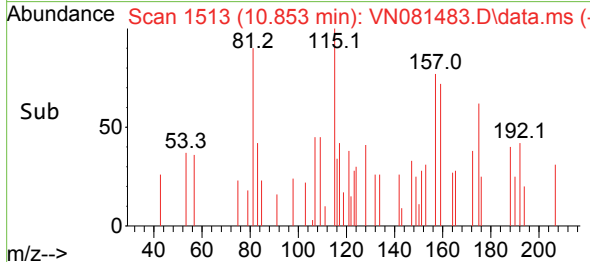
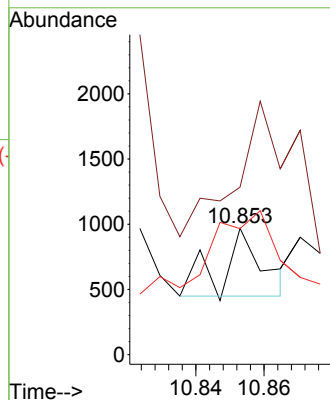
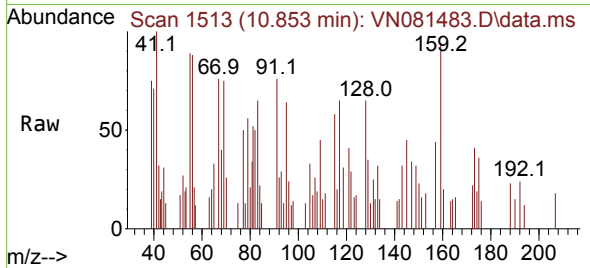




#56
Ethyl methacrylate
Concen: 0.619 ug/l
RT: 10.853 min Scan# 1151
Delta R.T. -0.023 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

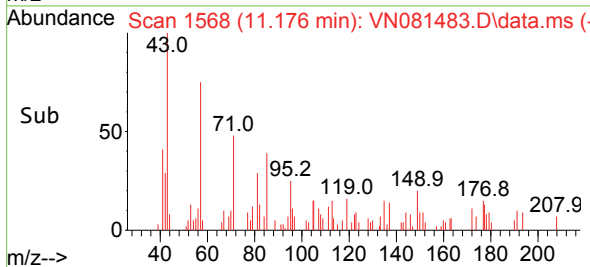
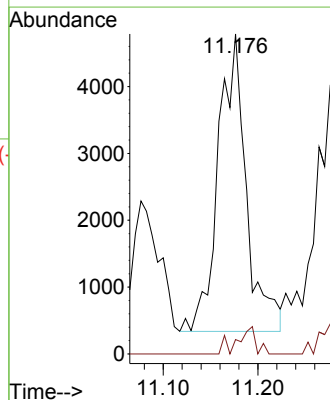
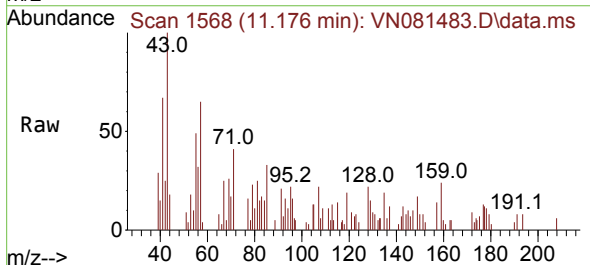
Instrument :
MSVOA_N
ClientSampleId :
1151

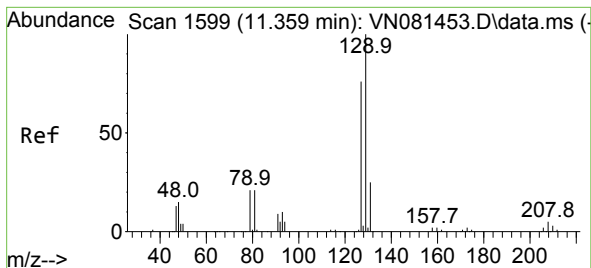
Tgt Ion: 69 Resp: 438
Ion Ratio Lower Upper
69 100
41 274.4 61.0 91.6#
39 203.0 31.8 47.6#



#59
2-Hexanone
Concen: 1.608 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.018 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 43 Resp: 9165
Ion Ratio Lower Upper
43 100
58 1.1 25.9 77.8#





#60

Dibromochloromethane

Concen: 0.306 ug/l

RT: 11.371 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

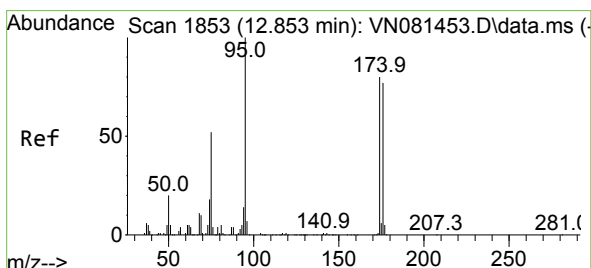
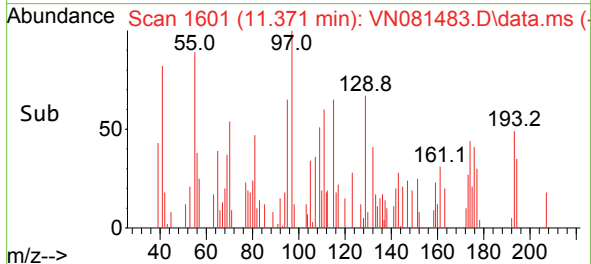
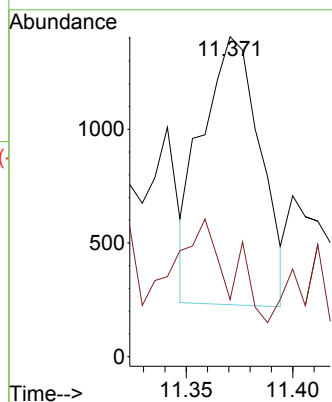
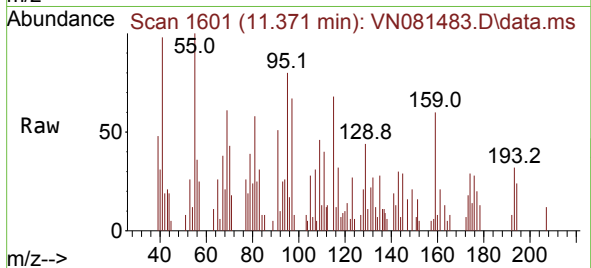
1151

Tgt Ion:129 Resp: 2243

Ion Ratio Lower Upper

129 100

127 54.6 39.4 118.2



#62

4-Bromofluorobenzene

Concen: 52.655 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

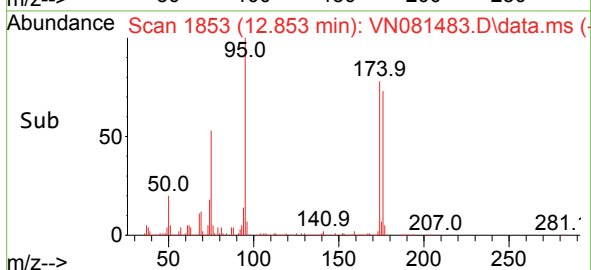
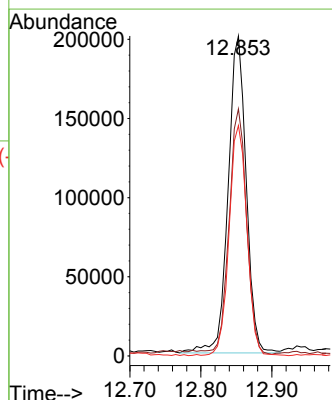
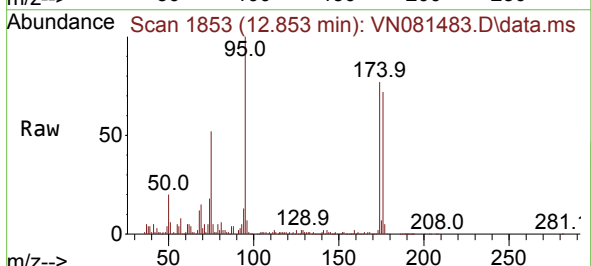
Tgt Ion: 95 Resp: 354640

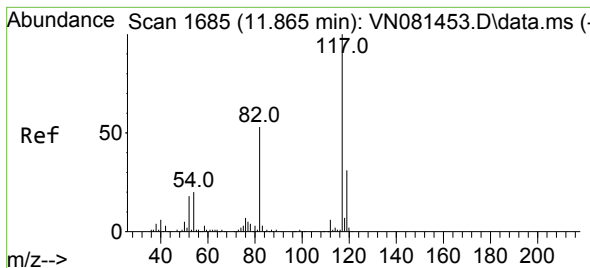
Ion Ratio Lower Upper

95 100

174 75.0 0.0 120.4

176 71.6 0.0 121.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

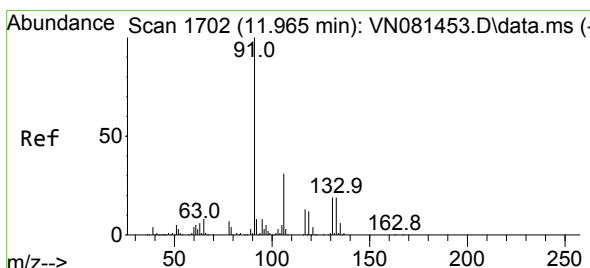
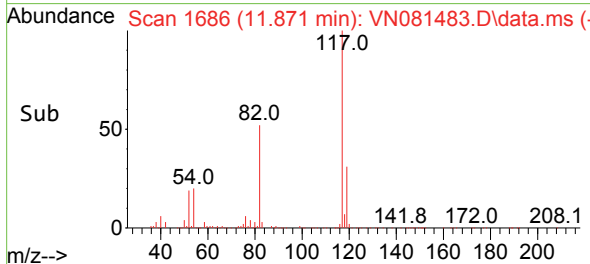
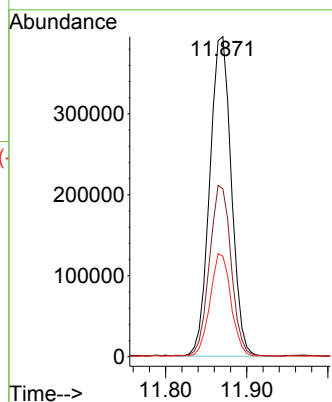
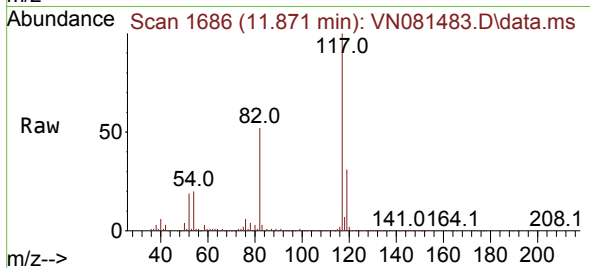
Tgt Ion:117 Resp: 730412

Ion Ratio Lower Upper

117 100

82 52.3 52.7 79.1#

119 31.3 25.3 37.9



#66

1,1,1,2-Tetrachloroethane

Concen: 0.455 ug/l

RT: 11.971 min Scan# 1703

Delta R.T. 0.006 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

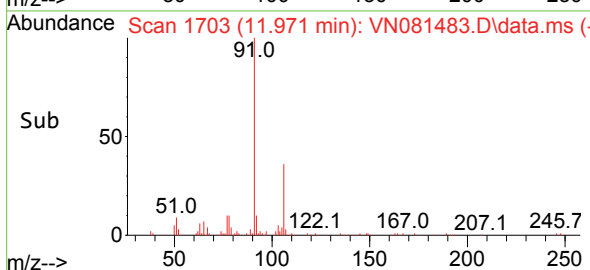
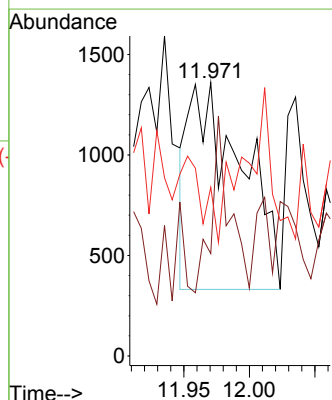
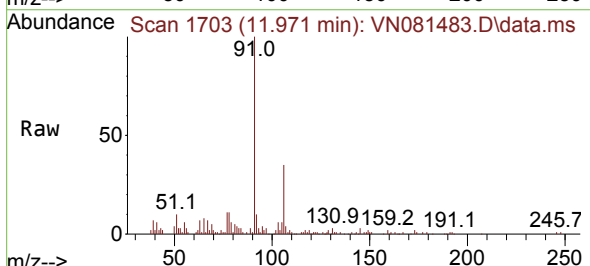
Tgt Ion:131 Resp: 2911

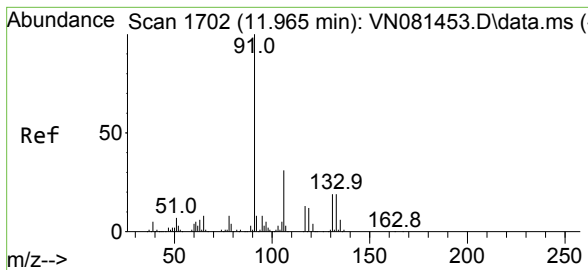
Ion Ratio Lower Upper

131 100

133 28.3 46.8 140.3#

119 0.0 34.6 103.9#

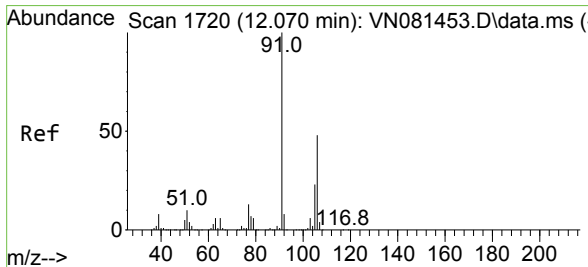
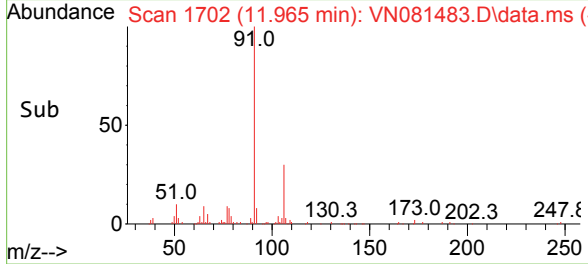
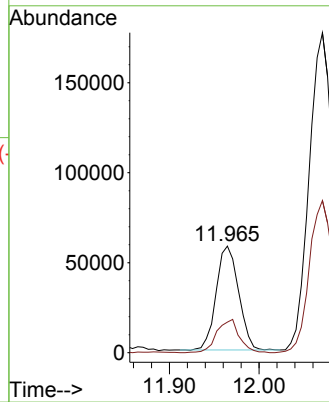
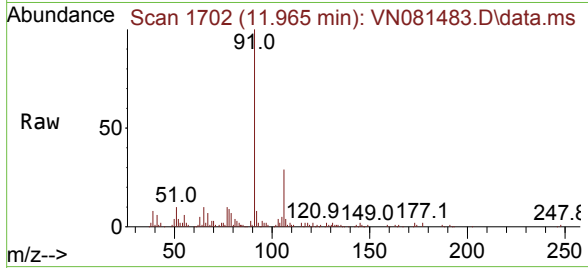




#67
Ethyl Benzene
Concen: 3.345 ug/l
RT: 11.965 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

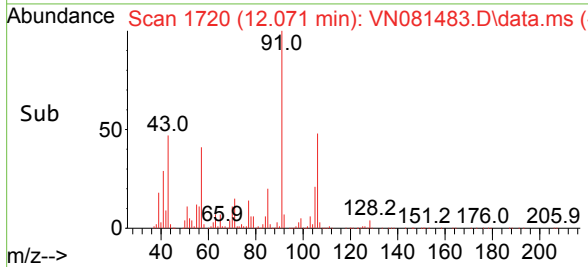
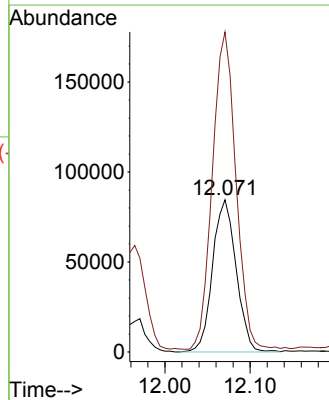
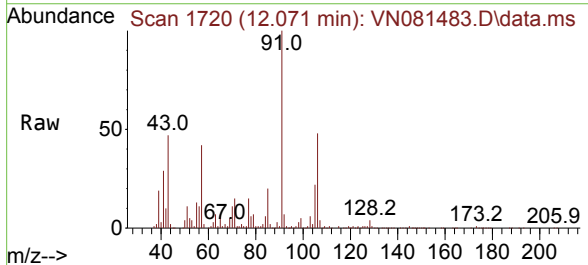
Instrument :
MSVOA_N
ClientSampleId :
1151

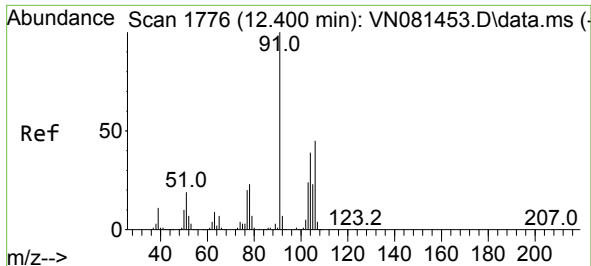
Tgt Ion: 91 Resp: 100324
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 14.459 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 106 Resp: 162585
Ion Ratio Lower Upper
106 100
91 207.2 169.0 253.6

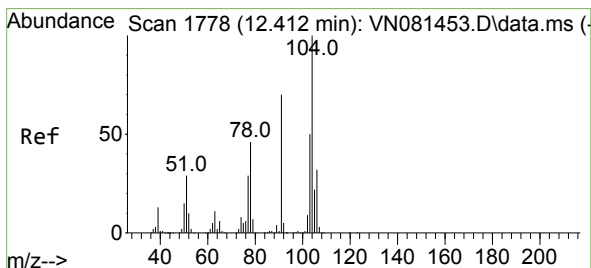
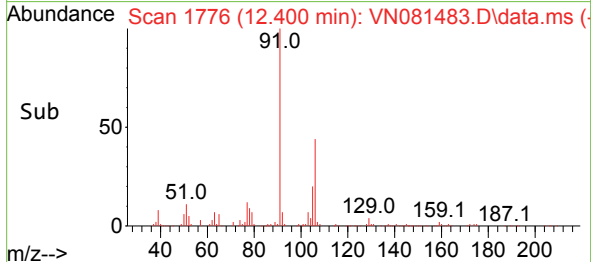
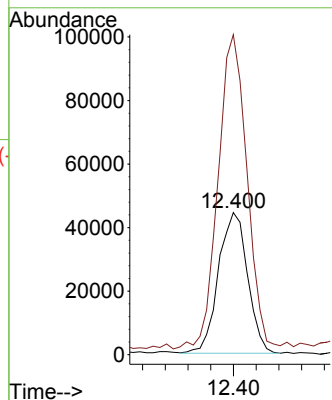
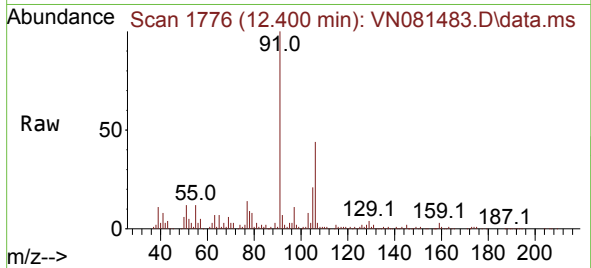




#69
o-Xylene
Concen: 7.144 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

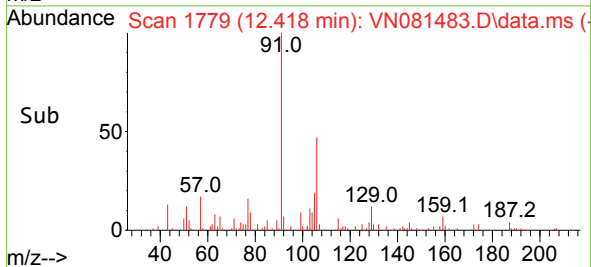
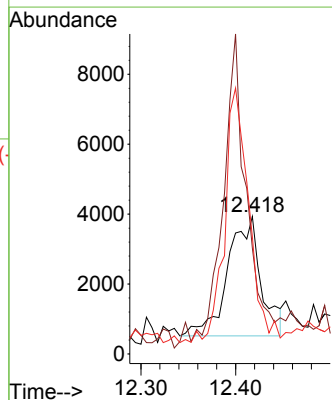
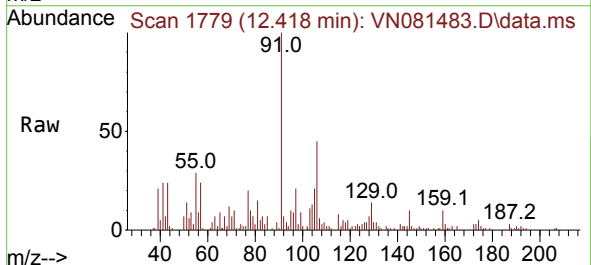
Instrument :
MSVOA_N
ClientSampleId :
1151

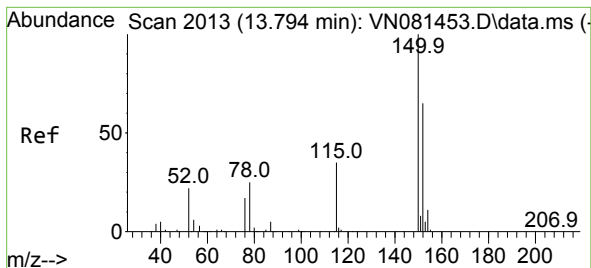
Tgt Ion:106 Resp: 78865
Ion Ratio Lower Upper
106 100
91 221.5 112.1 336.3



#70
Styrene
Concen: 0.472 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion:104 Resp: 8400
Ion Ratio Lower Upper
104 100
78 175.0 43.8 65.8#
103 157.2 44.2 66.2#

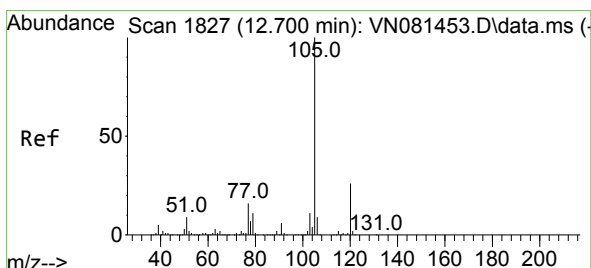
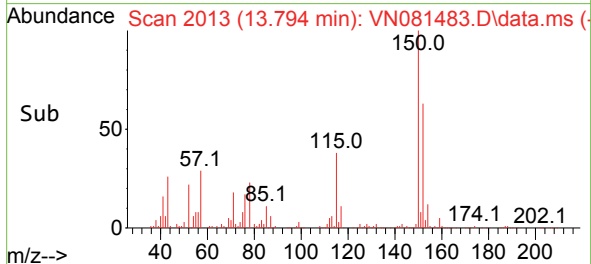
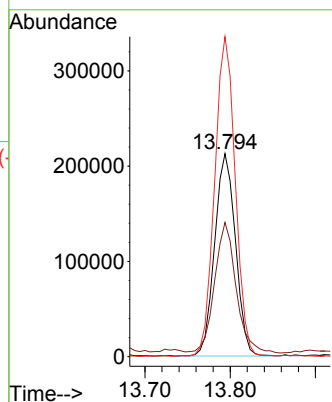
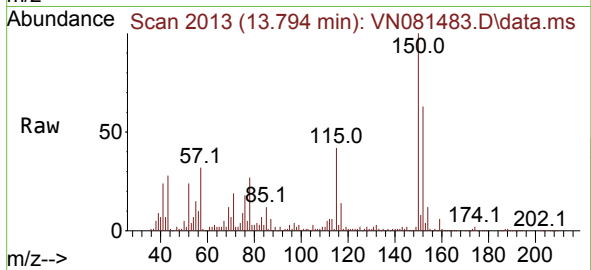




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

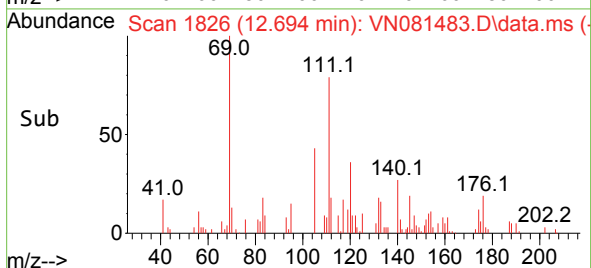
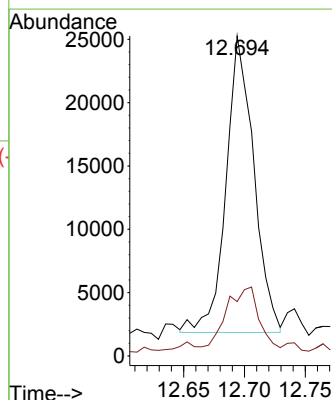
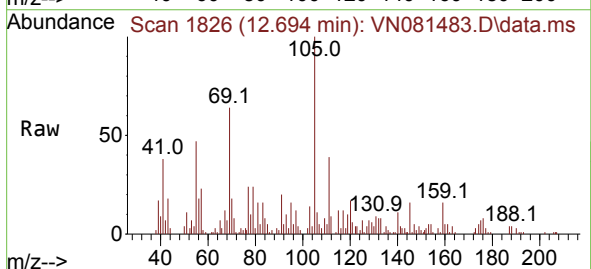
Instrument :
MSVOA_N
ClientSampleId :
1151

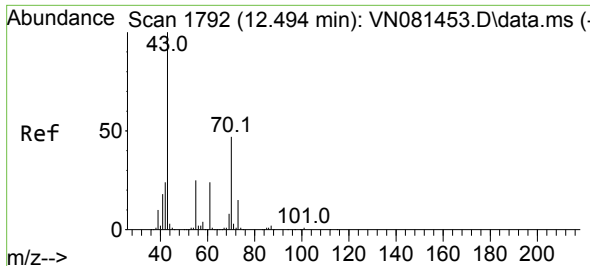
Tgt Ion:152 Resp: 361066
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 155.5 0.0 339.8



#73
Isopropylbenzene
Concen: 1.210 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

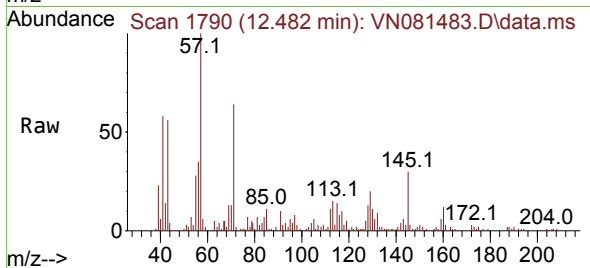
Tgt Ion:105 Resp: 37229
Ion Ratio Lower Upper
105 100
120 26.6 12.6 37.6



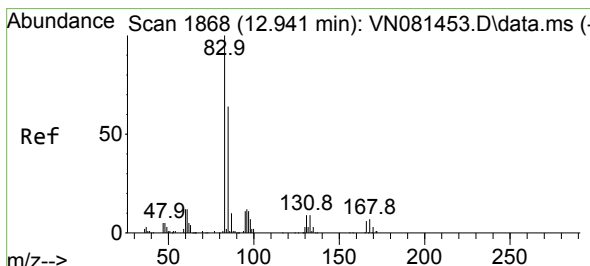
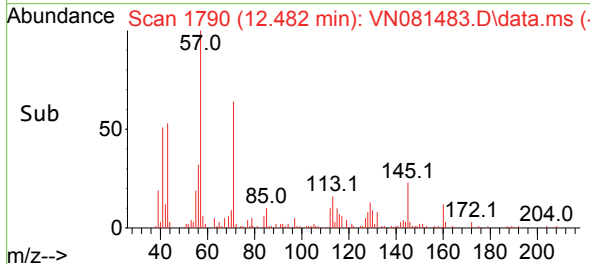
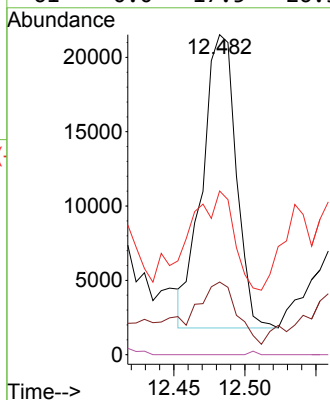


#74
N-amy1 acetate
Concen: 2.937 ug/l
RT: 12.482 min Scan# 1151
Delta R.T. -0.012 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Instrument :
MSVOA_N
ClientSampleId :
1151

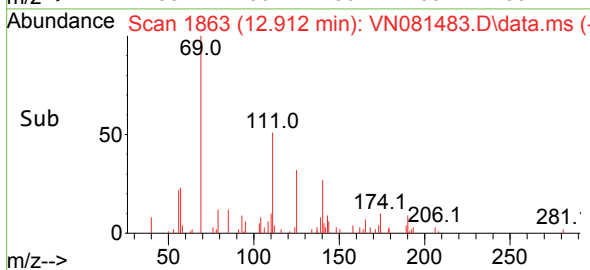
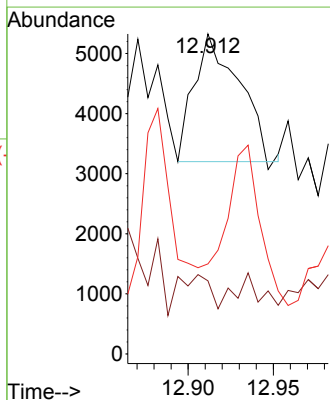
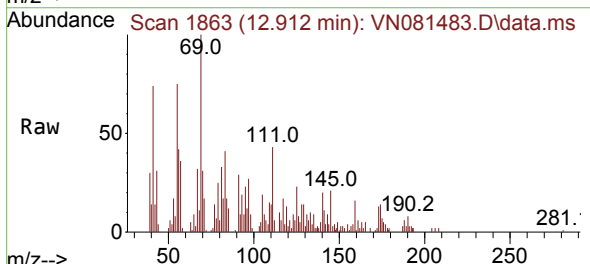


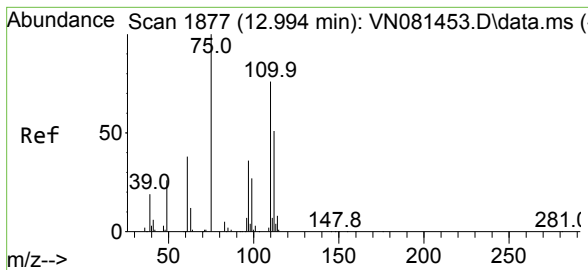
Tgt Ion:	43	Resp:	32713
Ion	Ratio	Lower	Upper
43	100		
70	23.1	30.1	45.1#
55	45.7	17.0	25.4#
61	0.0	17.5	26.3#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.432 ug/l
RT: 12.912 min Scan# 1863
Delta R.T. -0.029 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion:	83	Resp:	3907
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.1	12.3
85	0.0	32.1	96.3#

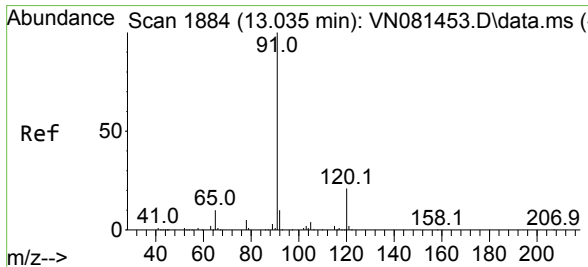
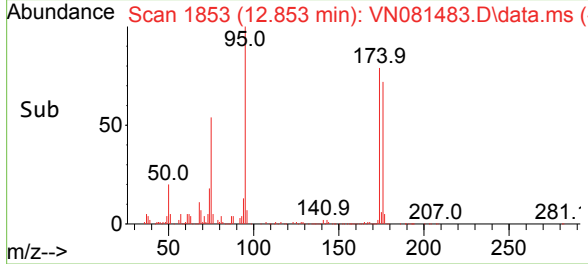
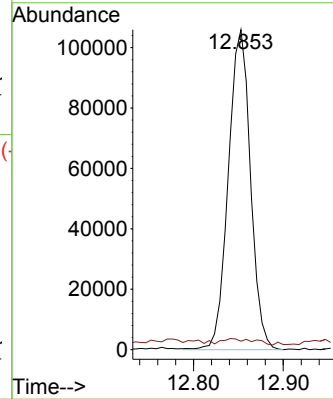
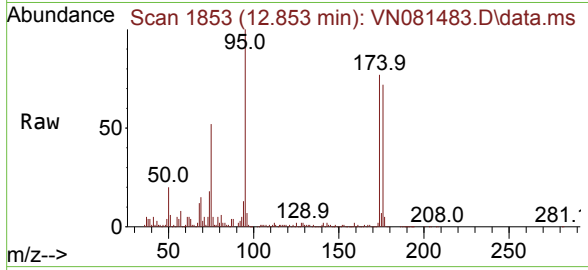




#76
1,2,3-Trichloropropane
Concen: 21.016 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.141 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

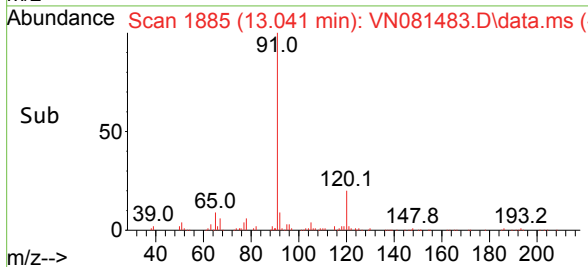
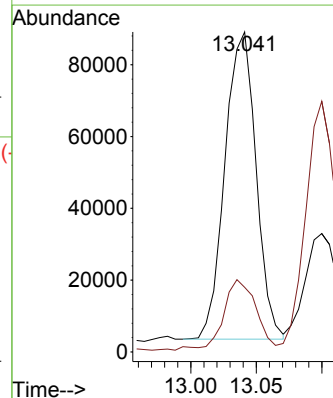
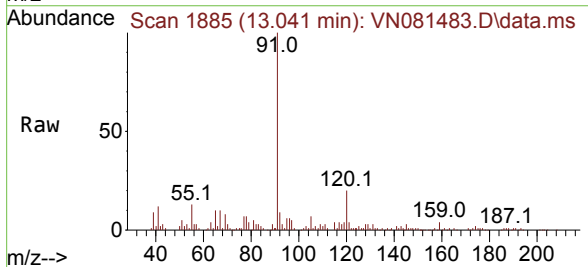
Instrument :
MSVOA_N
ClientSampleId :
1151

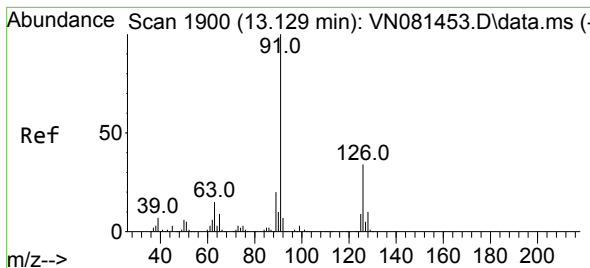
Tgt Ion: 75 Resp: 181510
Ion Ratio Lower Upper
75 100
77 2.9 91.0 272.8#



#78
n-propylbenzene
Concen: 3.877 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 91 Resp: 140934
Ion Ratio Lower Upper
91 100
120 24.2 10.3 30.9





#79

2-Chlorotoluene

Concen: 2.559 ug/l

RT: 13.100 min Scan# 1151

Delta R.T. -0.029 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

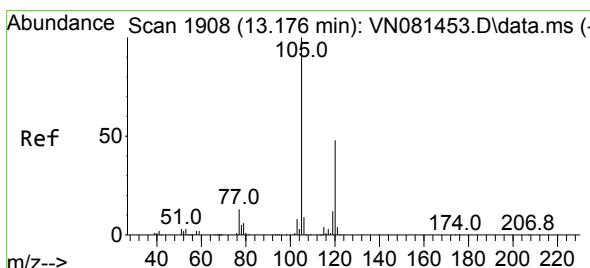
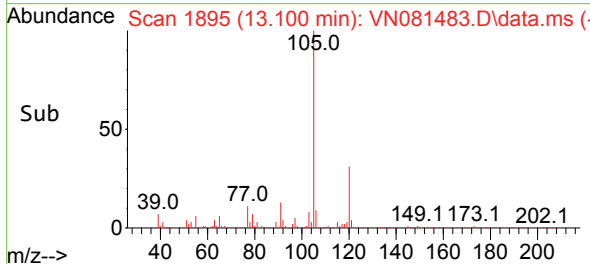
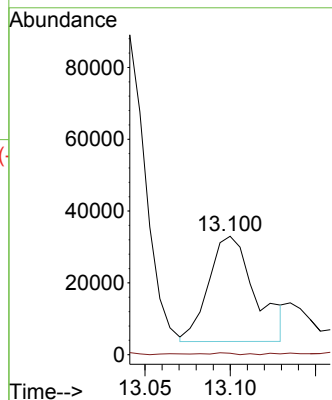
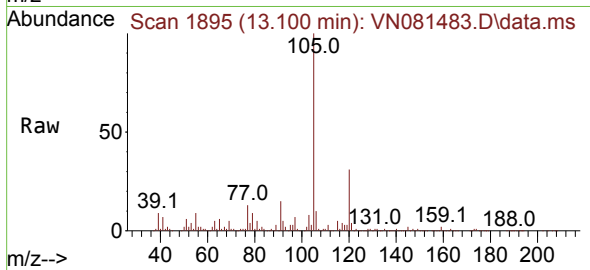
1151

Tgt Ion: 91 Resp: 55663

Ion Ratio Lower Upper

91 100

126 0.9 14.8 44.4#



#80

1,3,5-Trimethylbenzene

Concen: 6.956 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081483.D

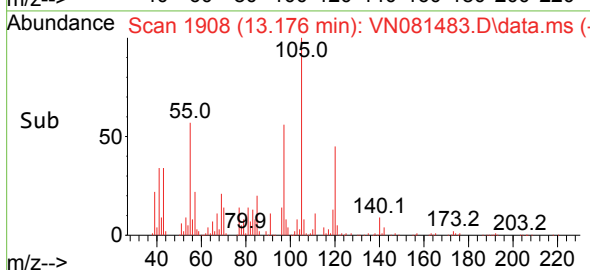
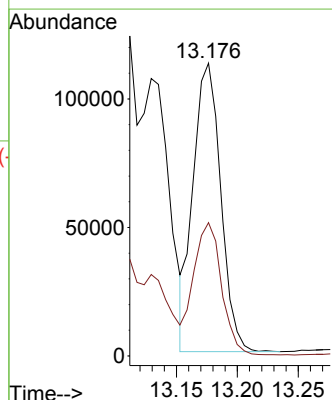
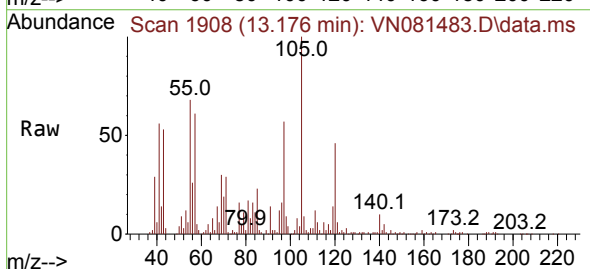
Acq: 19 Mar 2024 20:08

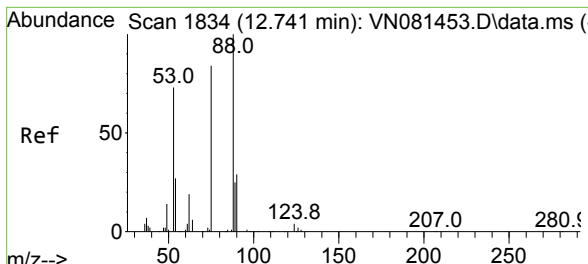
Tgt Ion: 105 Resp: 176839

Ion Ratio Lower Upper

105 100

120 46.8 23.0 69.0

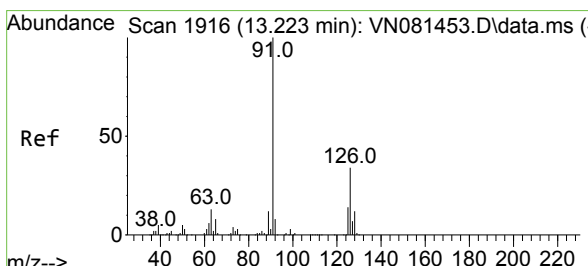
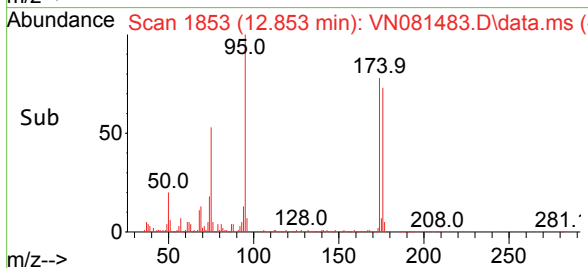
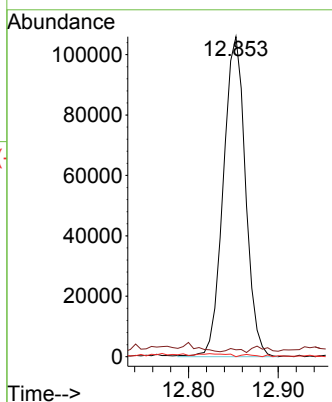
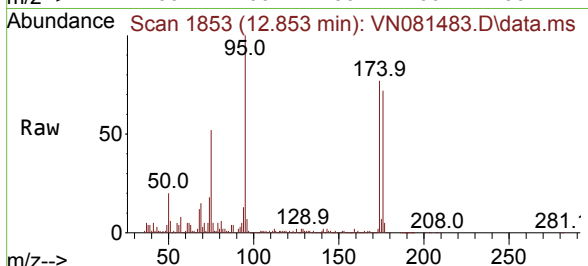




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.791 ug/l
 RT: 12.853 min Scan# 1151
 Delta R.T. 0.112 min
 Lab File: VN081483.D
 Acq: 19 Mar 2024 20:08

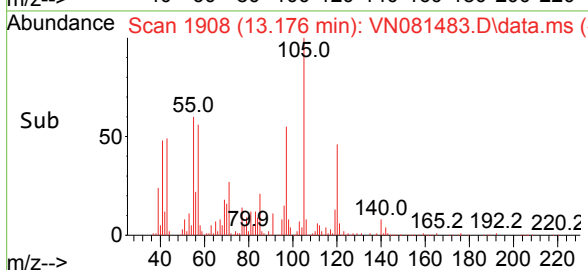
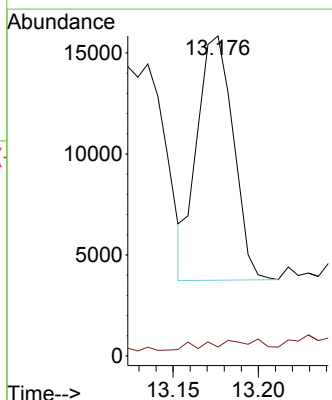
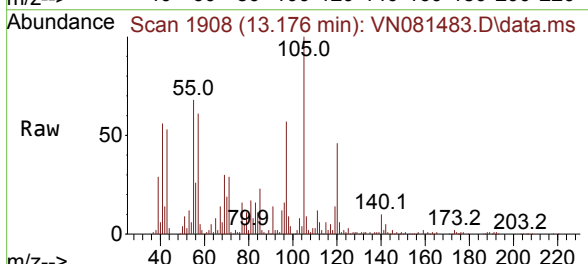
Instrument :
 MSVOA_N
 ClientSampleId :
 1151

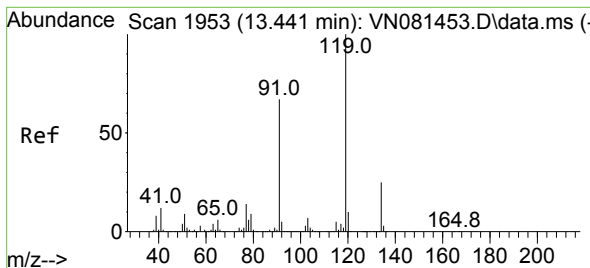
Tgt Ion: 75 Resp: 181510
 Ion Ratio Lower Upper
 75 100
 53 0.7 71.4 107.2#
 89 0.4 33.4 50.0#



#82
 4-Chlorotoluene
 Concen: 0.834 ug/l
 RT: 13.176 min Scan# 1908
 Delta R.T. -0.047 min
 Lab File: VN081483.D
 Acq: 19 Mar 2024 20:08

Tgt Ion: 91 Resp: 17897
 Ion Ratio Lower Upper
 91 100
 126 2.2 15.3 45.9#





#83

tert-Butylbenzene

Concen: 4.188 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.041 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

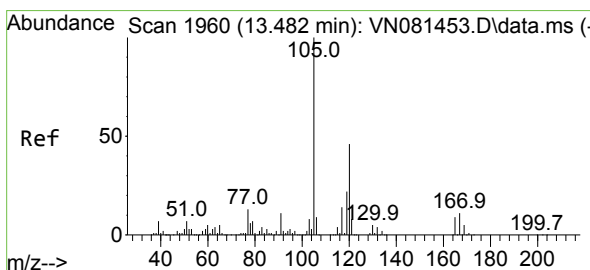
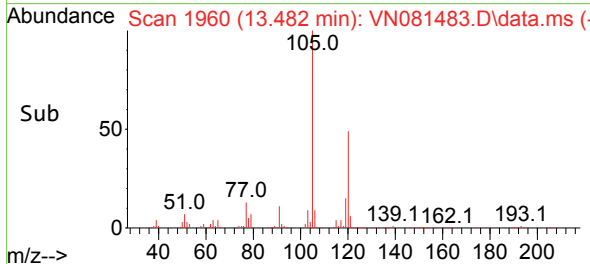
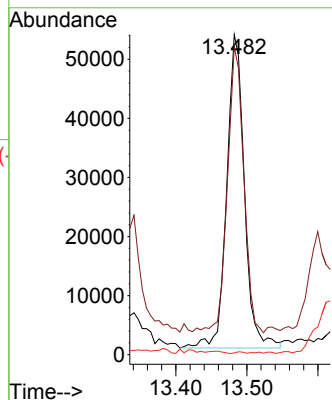
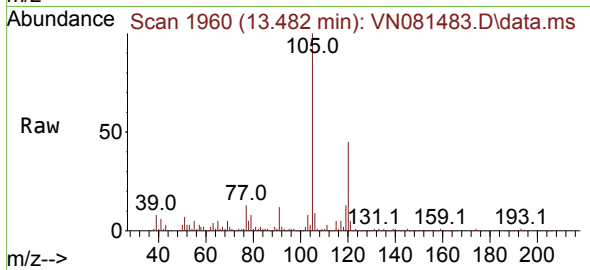
Tgt Ion:119 Resp: 91814

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: 27.149 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN081483.D

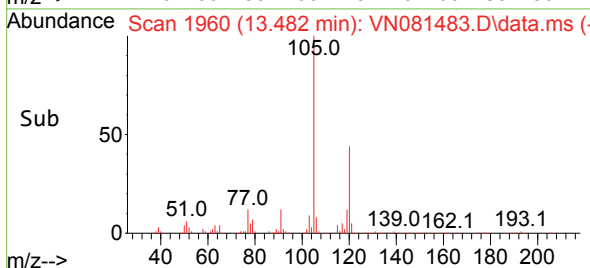
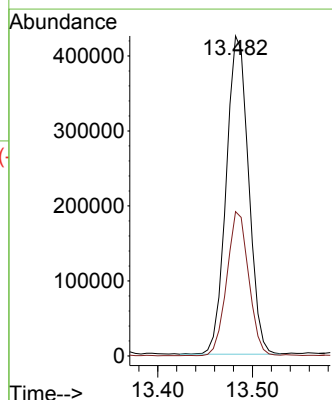
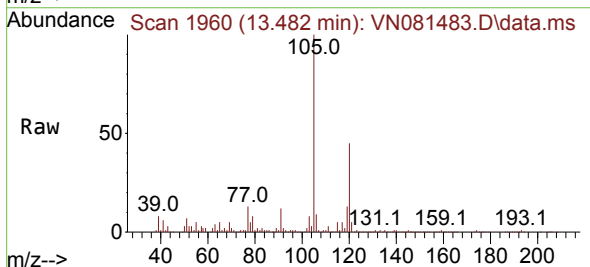
Acq: 19 Mar 2024 20:08

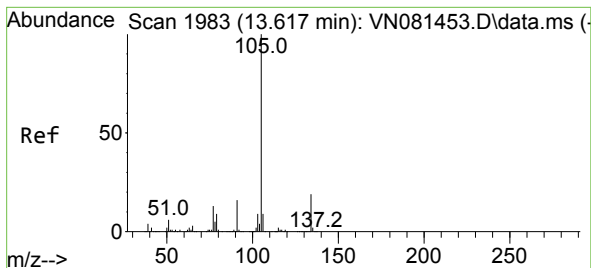
Tgt Ion:105 Resp: 693651

Ion Ratio Lower Upper

105 100

120 44.4 20.9 62.7





#85

sec-Butylbenzene

Concen: 2.426 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

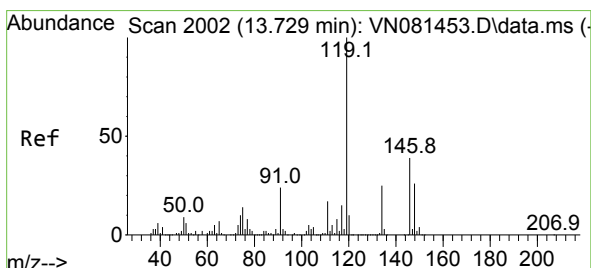
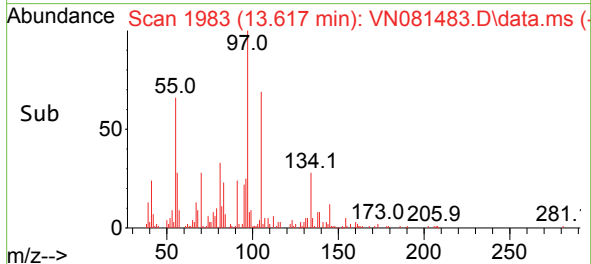
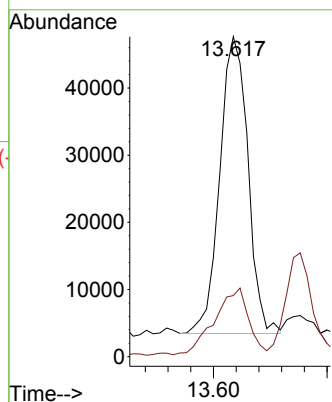
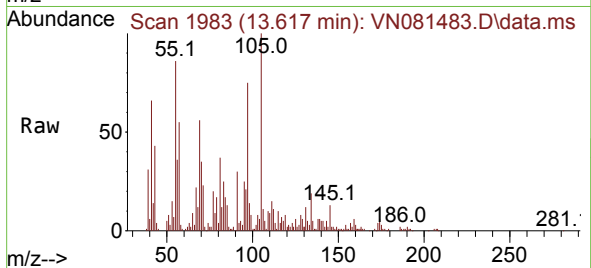
1151

Tgt Ion:105 Resp: 76012

Ion Ratio Lower Upper

105 100

134 27.0 8.6 25.8#



#86

p-Isopropyltoluene

Concen: 1.947 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

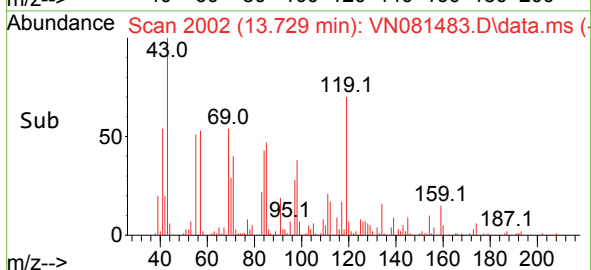
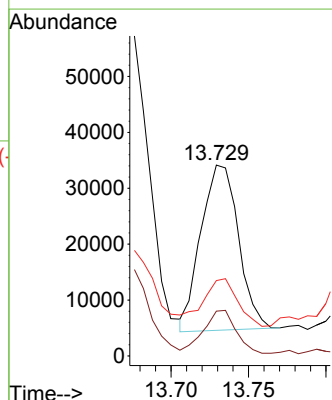
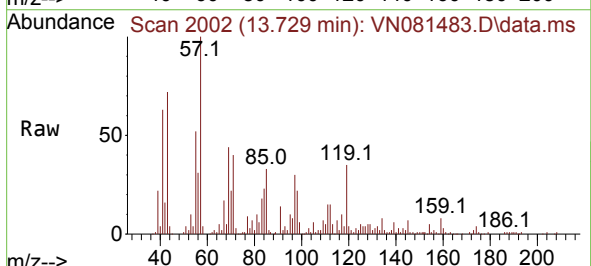
Tgt Ion:119 Resp: 49883

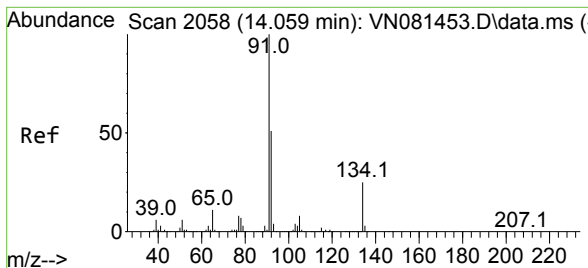
Ion Ratio Lower Upper

119 100

134 22.4 12.4 37.2

91 26.3 13.5 40.4





#89

n-Butylbenzene

Concen: 5.149 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VN081483.D

Acq: 19 Mar 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

1151

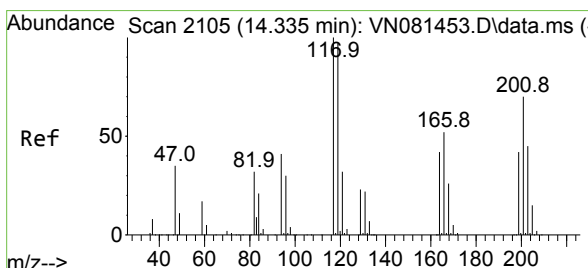
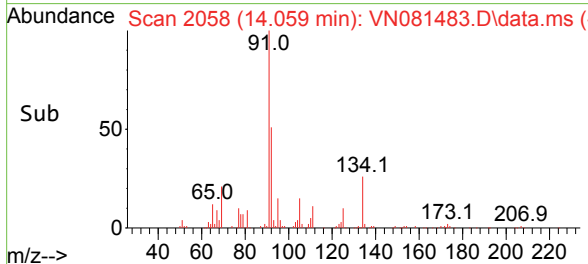
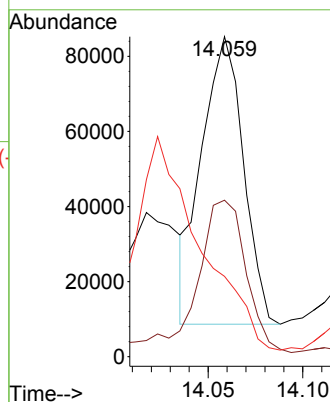
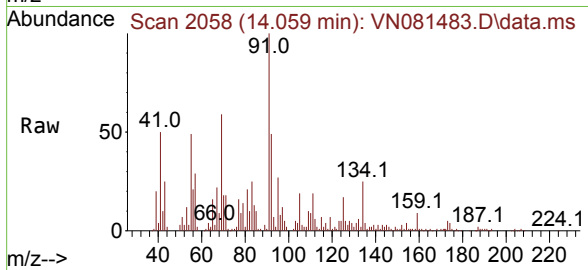
Tgt Ion: 91 Resp: 116953

Ion Ratio Lower Upper

91 100

92 61.9 26.7 80.1

134 0.0 10.8 32.4#



#90

Hexachloroethane

Concen: 4.811 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.006 min

Lab File: VN081483.D

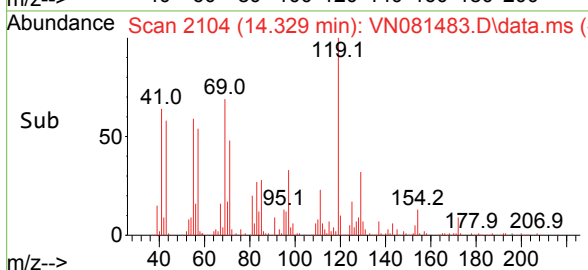
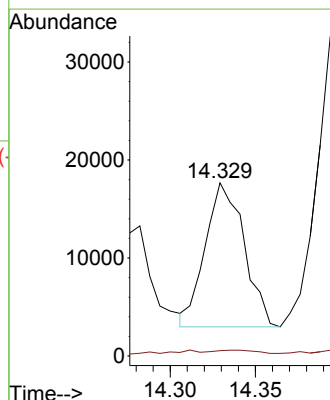
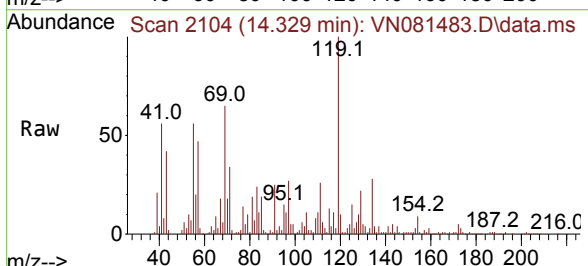
Acq: 19 Mar 2024 20:08

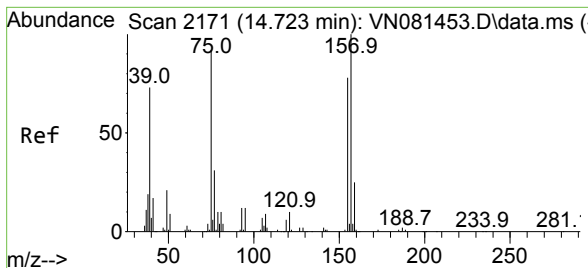
Tgt Ion: 117 Resp: 23342

Ion Ratio Lower Upper

117 100

201 4.8 30.0 90.0#

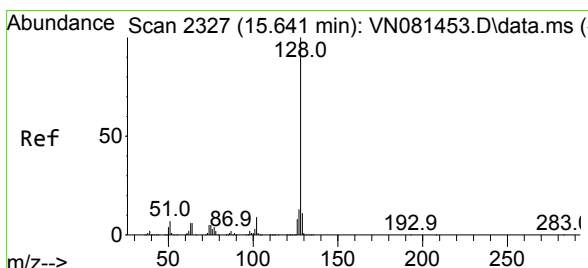
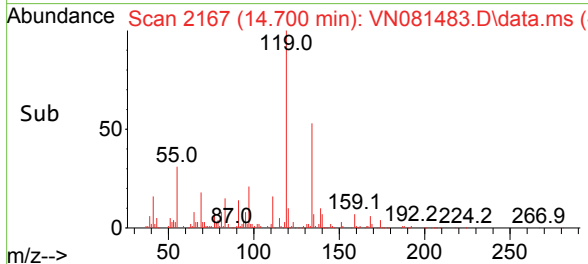
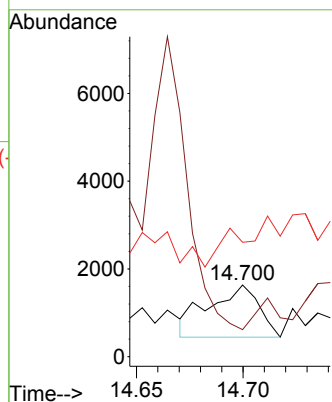
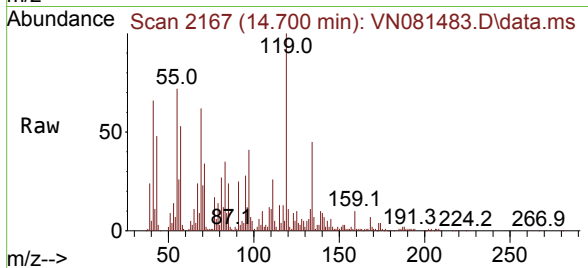




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.005 ug/l
RT: 14.700 min Scan# 2171
Delta R.T. -0.023 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

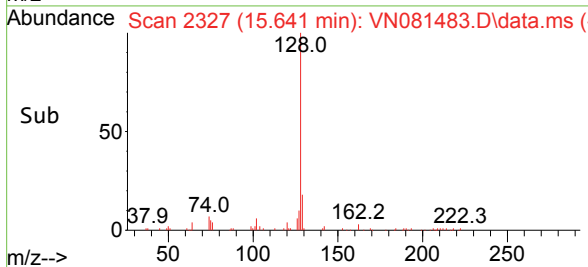
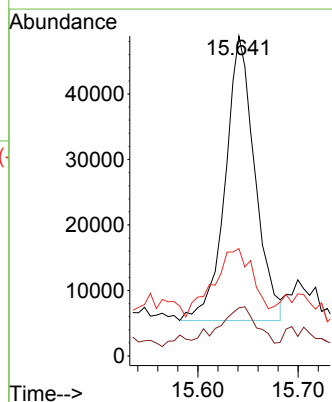
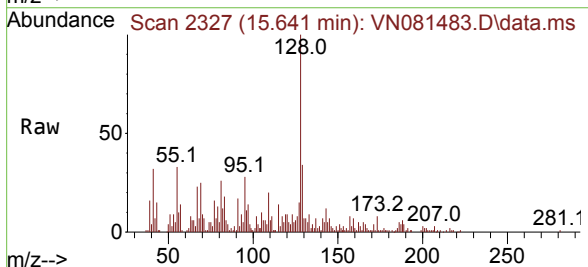
Instrument :
MSVOA_N
ClientSampleId :
1151

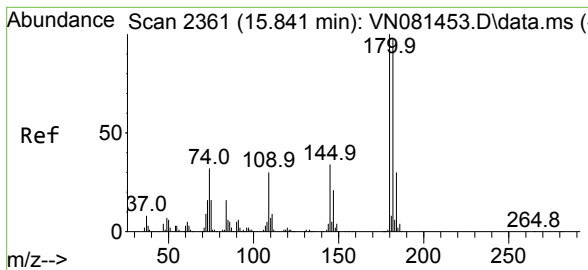
Tgt Ion: 75 Resp: 1936
Ion Ratio Lower Upper
75 100
155 28.8 31.8 95.4#
157 0.0 41.1 123.4#



#95
Naphthalene
Concen: 3.543 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081483.D
Acq: 19 Mar 2024 20:08

Tgt Ion: 128 Resp: 89249
Ion Ratio Lower Upper
128 100
127 15.2 10.0 15.0#
129 31.7 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.253 ug/l
 RT: 15.864 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: VN081483.D
 Acq: 19 Mar 2024 20:08

Instrument :
 MSVOA_N
 ClientSampleId :
 1151

Tgt Ion:	180	Resp:	1982
Ion Ratio	Lower	Upper	
180	100		
182	18.9	46.5	139.3#
145	0.0	17.8	53.4#

