

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041224\
 Data File : VN081711.D
 Acq On : 12 Apr 2024 12:32
 Operator : JC\MD
 Sample : P2041-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 13 06:54:19 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	8.230	168	274230	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	9.106	114	494870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	450200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	184329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197079	56.354	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.700%			
35) Dibromofluoromethane	8.165	113	166914	53.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.880%			
50) Toluene-d8	10.571	98	593681	52.586	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.180%			
62) 4-Bromofluorobenzene	12.847	95	194681	48.939	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 97.880%			
Target Compounds						
						Qvalue
3) Chloromethane	2.371	50	1351	0.367	ug/l	# 75
5) Bromomethane	2.983	94	1172	0.402	ug/l	# 66
6) Chloroethane	3.106	64	2190	0.773	ug/l	# 53
10) Methyl Iodide	4.583	142	912	0.262	ug/l	# 39
11) Tert butyl alcohol	5.506	59	2653	4.353	ug/l	# 88
13) Acrolein	4.171	56	758	1.386	ug/l	# 15
16) Acetone	4.430	43	8035	7.109	ug/l	91
17) Carbon Disulfide	4.724	76	6804	0.733	ug/l	99
20) Methylene Chloride	5.283	84	1095	0.296	ug/l	# 42
25) 2-Butanone	7.483	43	2195	1.132	ug/l	96
28) Bromochloromethane	7.971	49	1465	0.570	ug/l	# 26
30) Chloroform	7.965	83	16190	2.396	ug/l	98
31) Cyclohexane	8.218	56	8165	1.435	ug/l	# 1
36) 1,1-Dichloropropene	8.224	75	23363	4.445	ug/l	# 51
38) Carbon Tetrachloride	8.224	117	30874	5.362	ug/l	# 19
39) Methylcyclohexane	9.600	83	3082	0.525	ug/l	# 82
40) Benzene	8.606	78	12315	0.801	ug/l	98
47) Bromodichloromethane	9.900	83	1489	0.269	ug/l	# 49
49) 1,4-Dioxane	9.683	88	55	0.665	ug/l	# 18
52) Toluene	10.630	92	20608	2.110	ug/l	100
55) 1,1,2-Trichloroethane	11.012	97	1188	0.302	ug/l	# 13
56) Ethyl methacrylate	10.853	69	87	0.587	ug/l	# 1
59) 2-Hexanone	11.194	43	894	0.266	ug/l	# 36
67) Ethyl Benzene	11.965	91	19692	1.065	ug/l	99
68) m/p-Xylenes	12.076	106	7157	1.033	ug/l	89
69) o-Xylene	12.400	106	2838	0.417	ug/l	72
70) Styrene	12.412	104	2945	0.268	ug/l	# 89
76) 1,2,3-Trichloropropane	12.853	75	105303	23.882	ug/l	# 1
80) 1,3,5-Trimethylbenzene	13.176	105	2611	0.201	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	105303	64.538	ug/l	# 14
84) 1,2,4-Trimethylbenzene	13.476	105	6619	0.507	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	1294	0.326	ug/l	64
94) Hexachlorobutadiene	15.488	225	377	0.217	ug/l	# 17
95) Naphthalene	15.641	128	4254	0.331	ug/l	# 93
96) 1,2,3-Trichlorobenzene	15.829	180	1486	0.372	ug/l	83

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Instrument :
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Quant Time: Apr 13 06:54:19 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

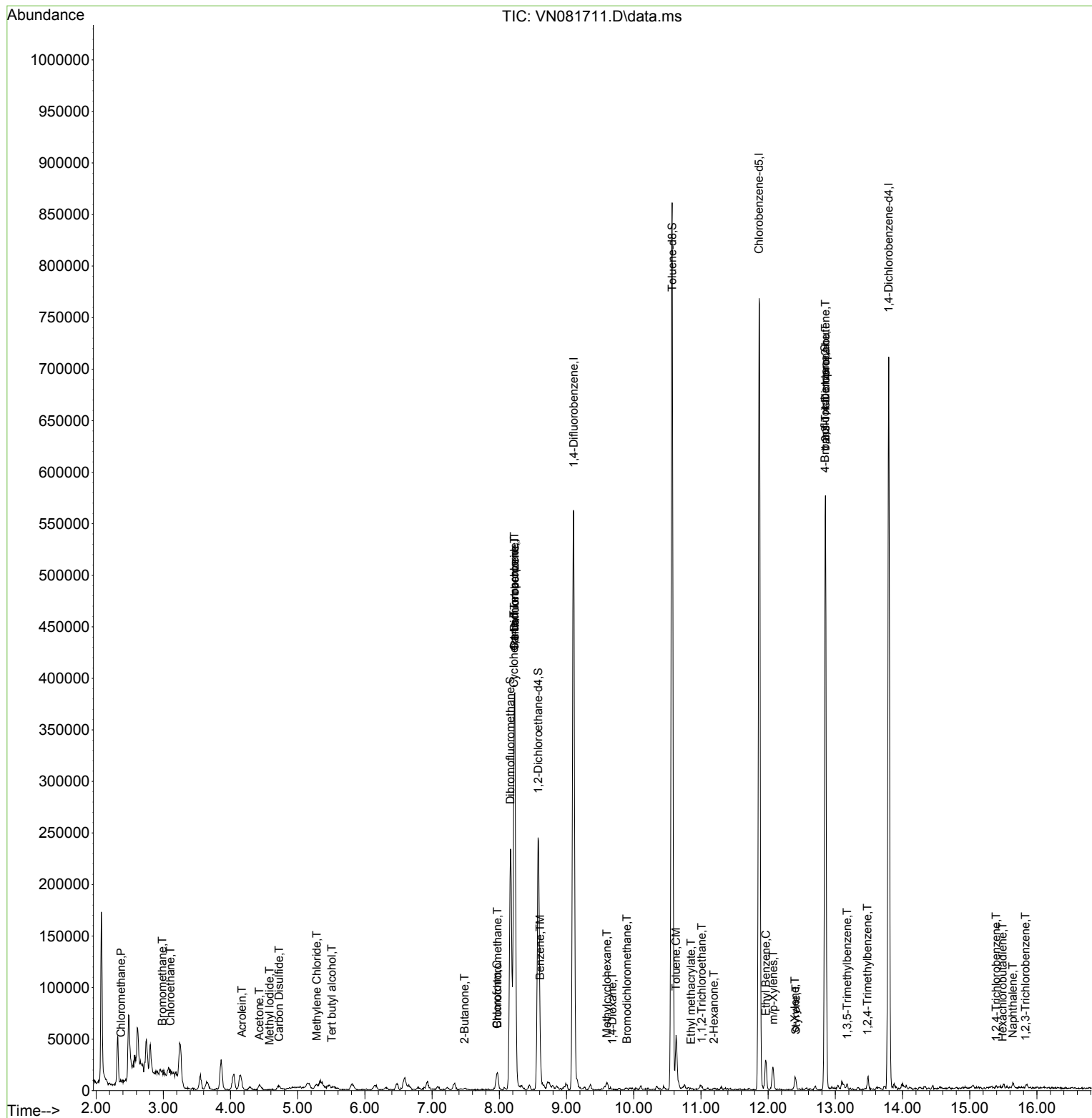
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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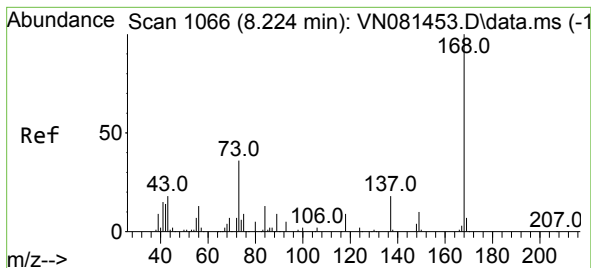
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

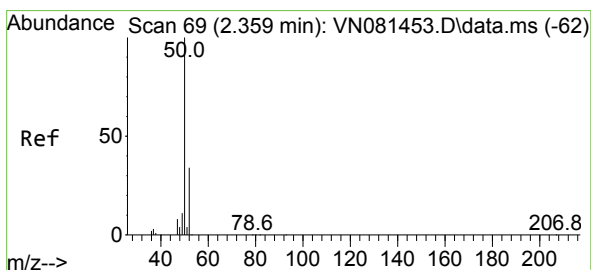
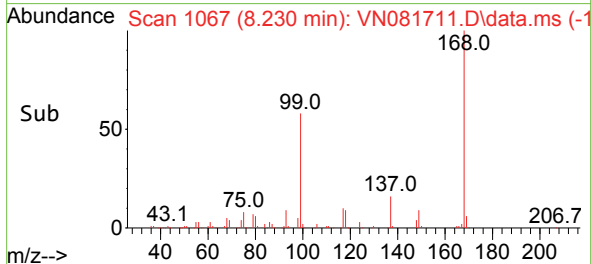
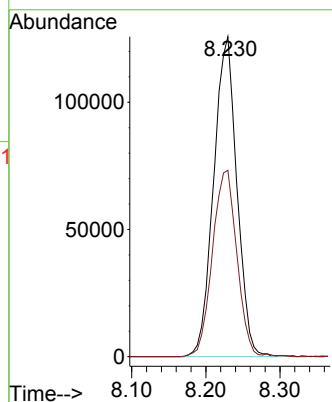
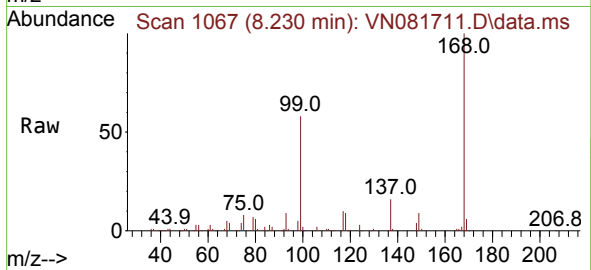
ClientSampleId :

Tgt Ion:168 Resp: 274230

Ion Ratio Lower Upper

168 100

99 58.3 59.9 89.9#



#3

Chloromethane

Concen: 0.367 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.012 min

Lab File: VN081711.D

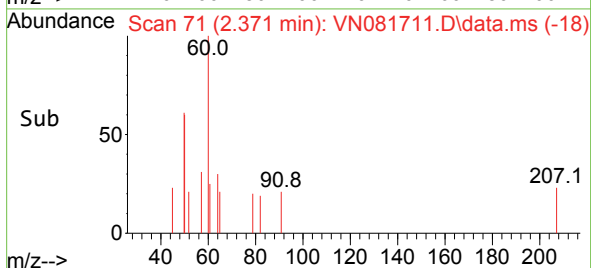
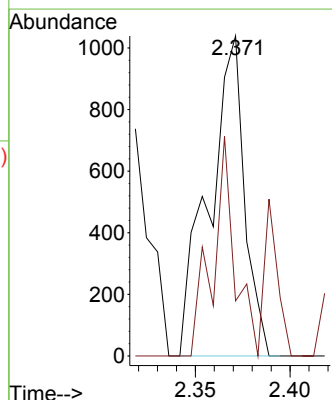
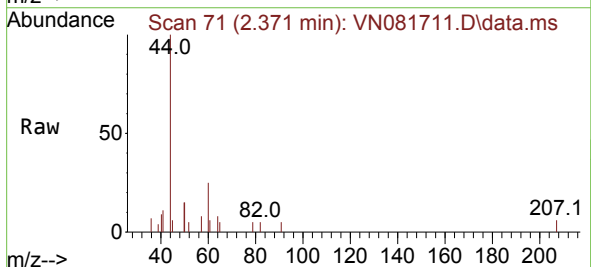
Acq: 12 Apr 2024 12:32

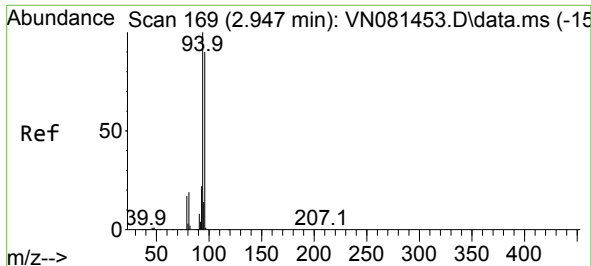
Tgt Ion: 50 Resp: 1351

Ion Ratio Lower Upper

50 100

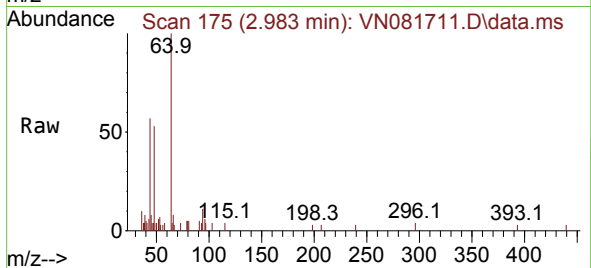
52 17.2 25.0 37.4#



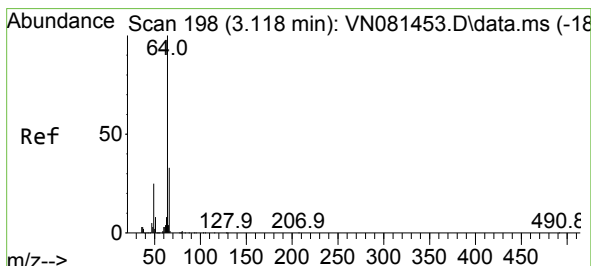
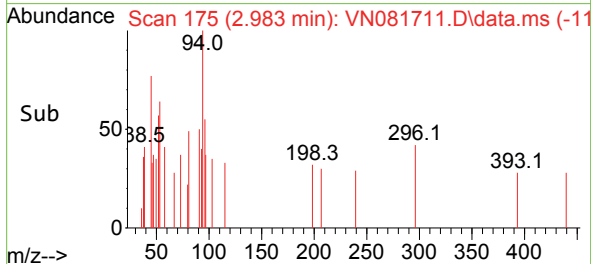
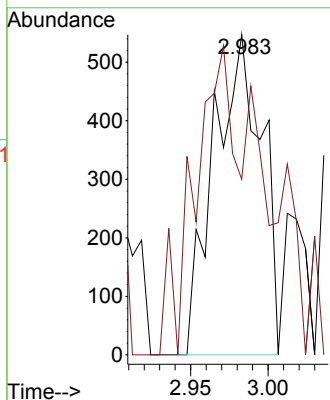


#5
Bromomethane
Concen: 0.402 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.035 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

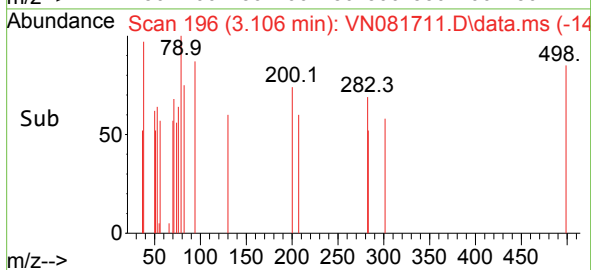
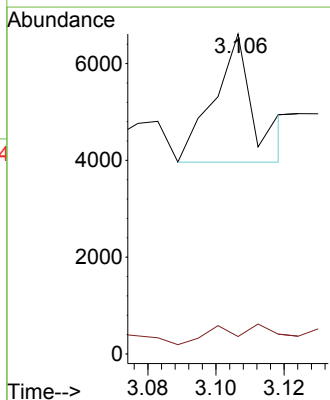
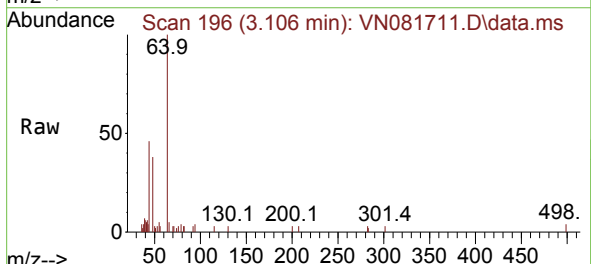


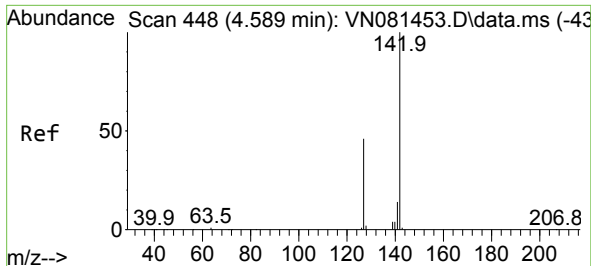
Tgt Ion: 94 Resp: 1172
Ion Ratio Lower Upper
94 100
96 54.8 69.2 103.8#



#6
Chloroethane
Concen: 0.773 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

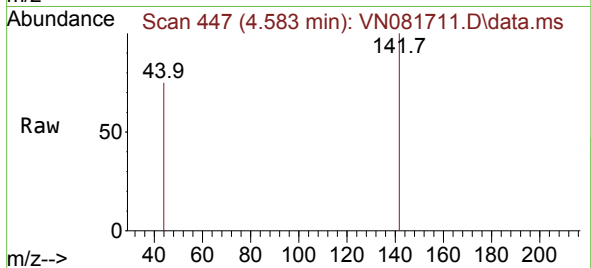
Tgt Ion: 64 Resp: 2190
Ion Ratio Lower Upper
64 100
66 6.3 26.4 39.6#



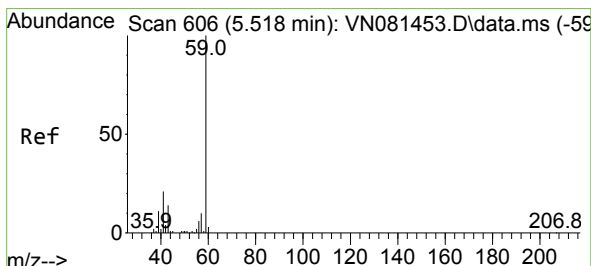
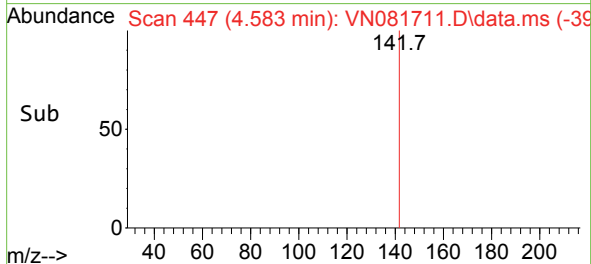
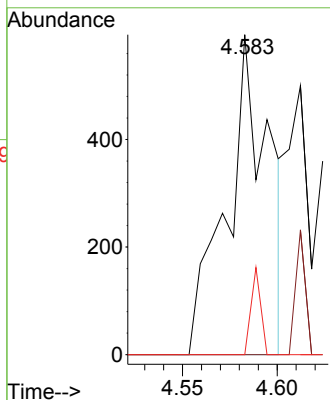


#10
Methyl Iodide
Concen: 0.262 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

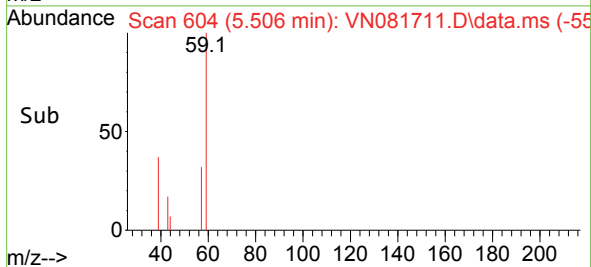
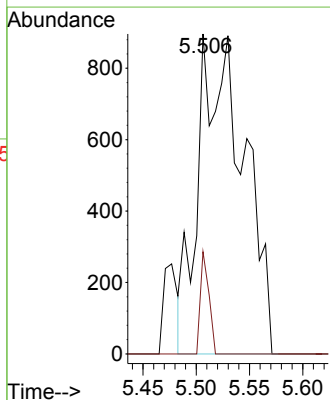
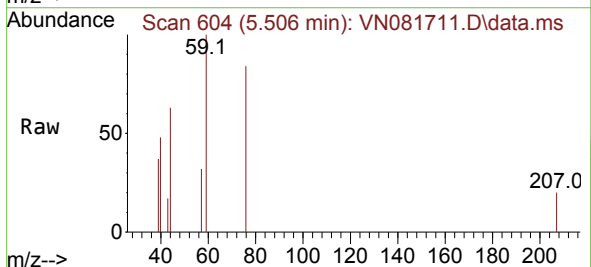


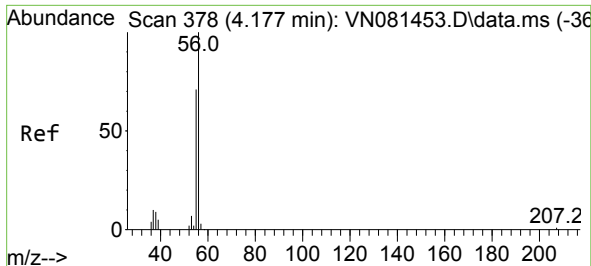
Tgt Ion:142 Resp: 912
Ion Ratio Lower Upper
142 100
127 0.0 37.0 55.4#
141 0.0 12.5 18.7#



#11
Tert butyl alcohol
Concen: 4.353 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.012 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 59 Resp: 2653
Ion Ratio Lower Upper
59 100
57 6.0 8.6 12.8#

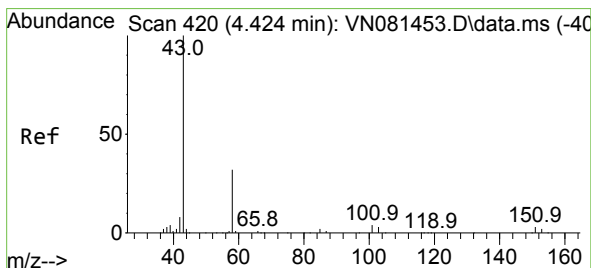
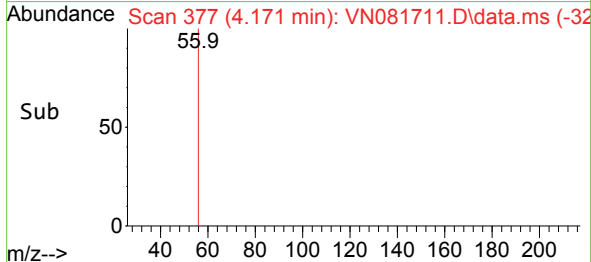
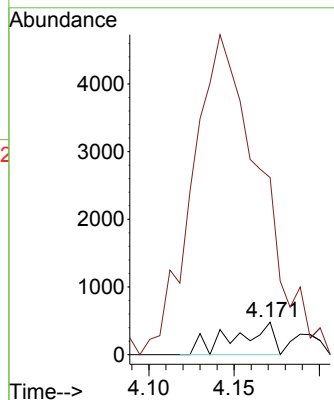
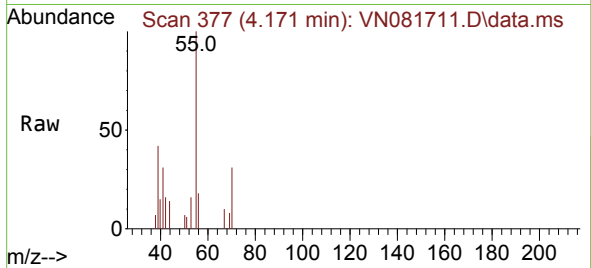




#13
Acrolein
Concen: 1.386 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

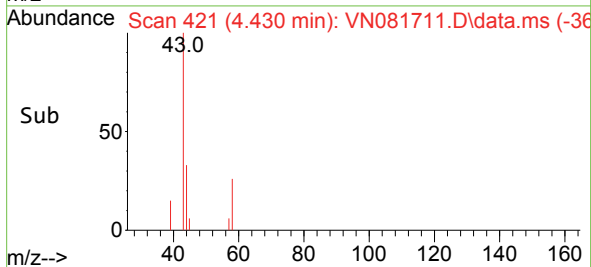
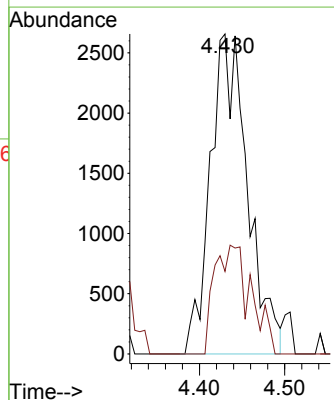
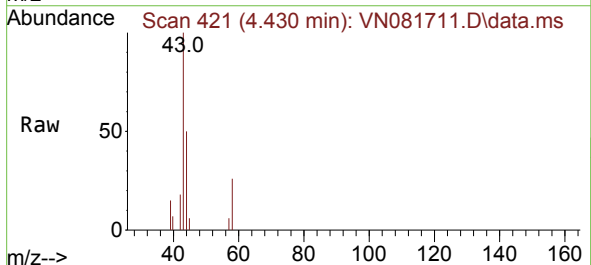
Instrument :
MSVOA_N
ClientSampleId :

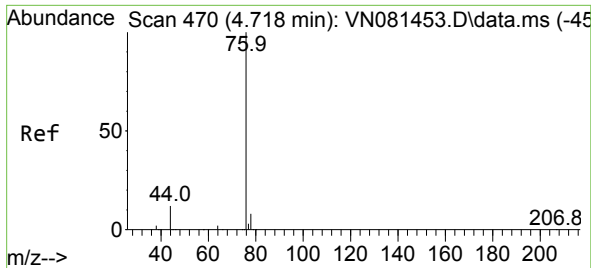
Tgt Ion: 56 Resp: 758
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



#16
Acetone
Concen: 7.109 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 43 Resp: 8035
Ion Ratio Lower Upper
43 100
58 25.8 24.8 37.2





#17

Carbon Disulfide

Concen: 0.733 ug/l

RT: 4.724 min Scan# 4

Delta R.T. 0.006 min

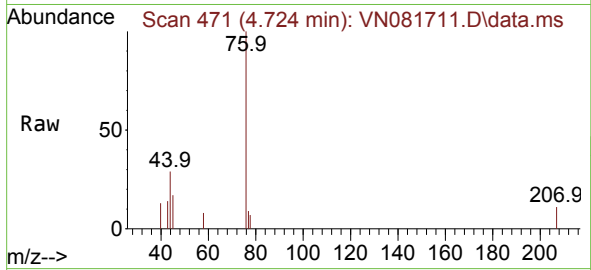
Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

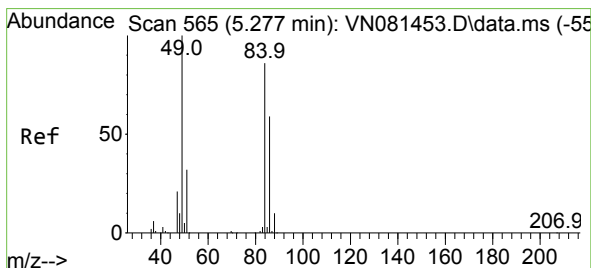
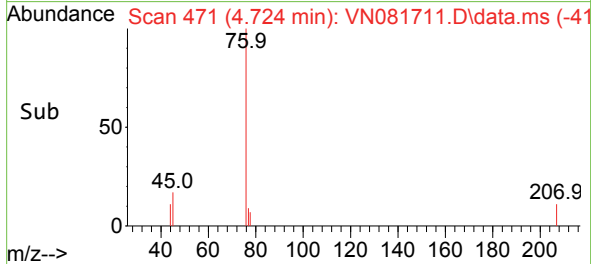
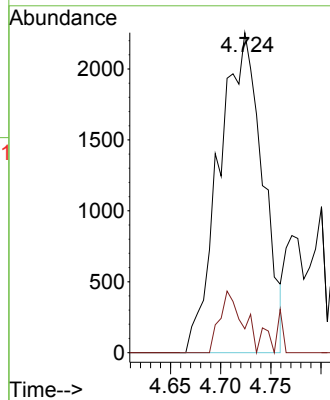


Tgt Ion: 76 Resp: 6804

Ion Ratio Lower Upper

76 100

78 7.4 6.3 9.5



#20

Methylene Chloride

Concen: 0.296 ug/l

RT: 5.283 min Scan# 566

Delta R.T. 0.006 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Tgt Ion: 84 Resp: 1095

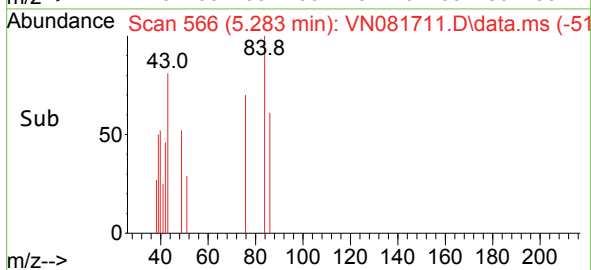
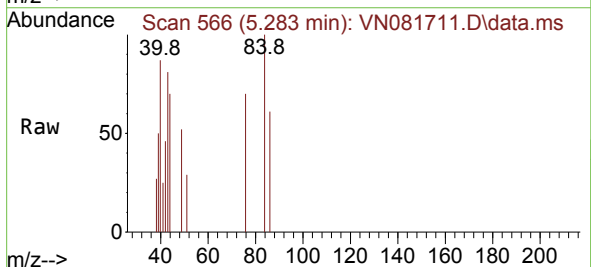
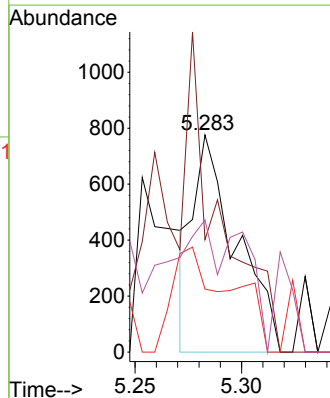
Ion Ratio Lower Upper

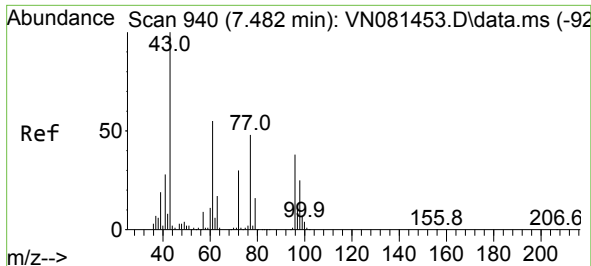
84 100

49 51.8 108.1 162.1#

51 29.0 32.9 49.3#

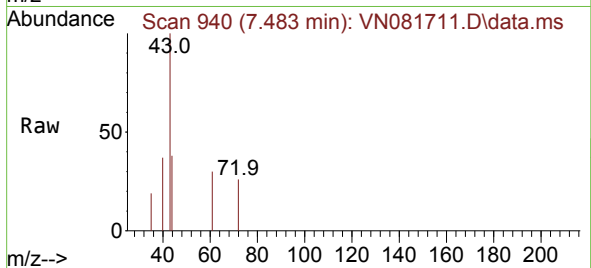
86 17.3 48.6 73.0#



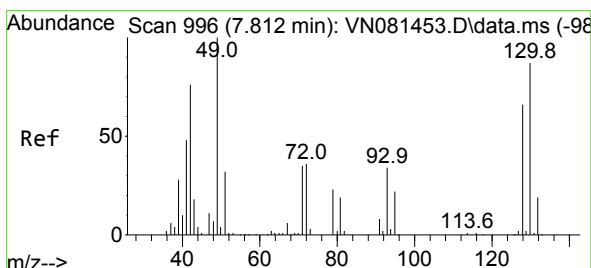
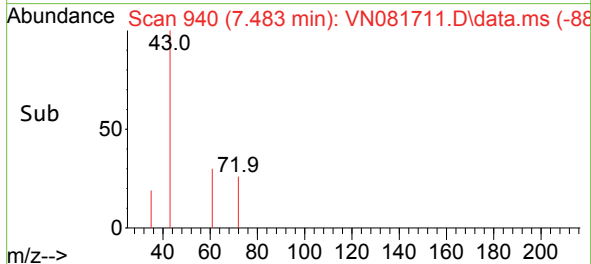
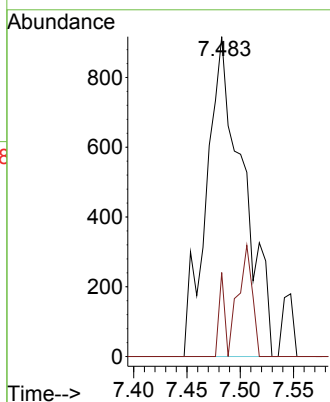


#25
2-Butanone
Concen: 1.132 ug/l
RT: 7.483 min Scan# 94
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

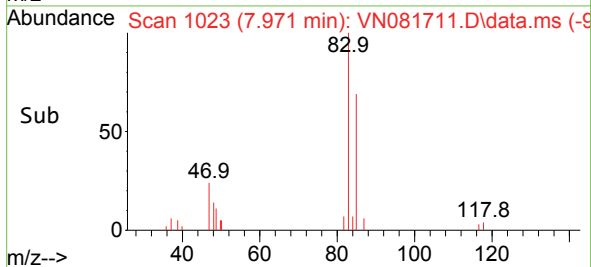
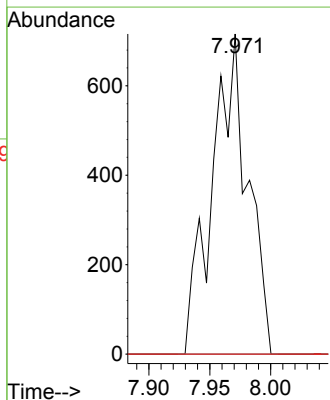
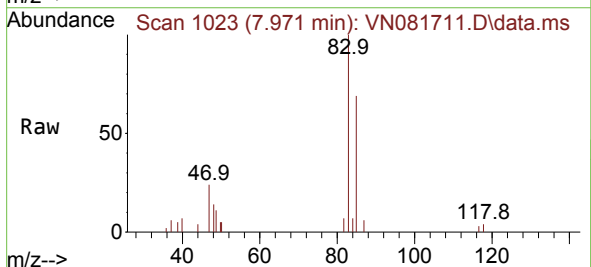


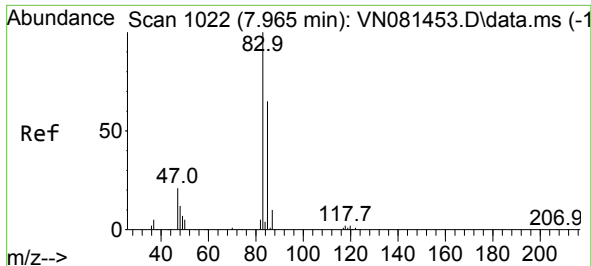
Tgt Ion: 43 Resp: 2195
Ion Ratio Lower Upper
43 100
72 26.3 19.5 29.3



#28
Bromochloromethane
Concen: 0.570 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.159 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 49 Resp: 1465
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.6
130 0.0 42.3 63.5#

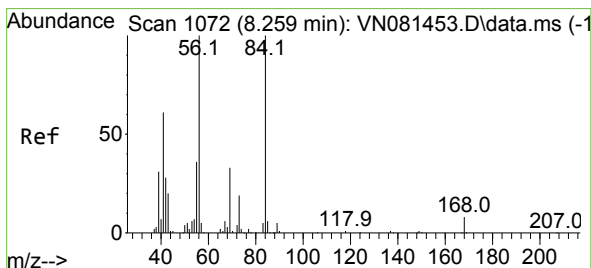
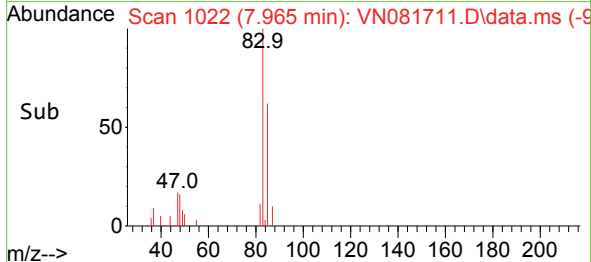
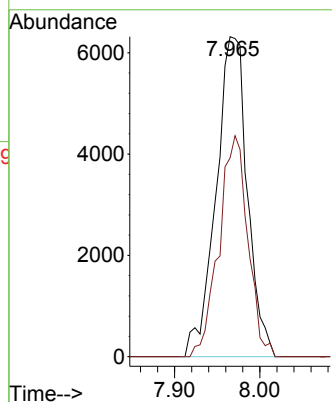
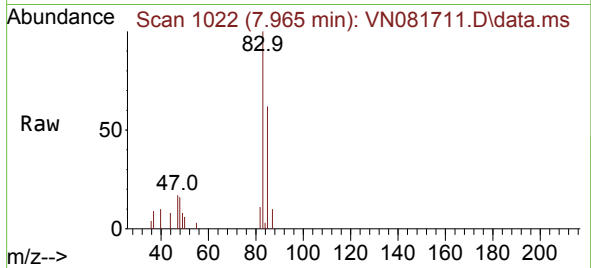




#30
Chloroform
Concen: 2.396 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

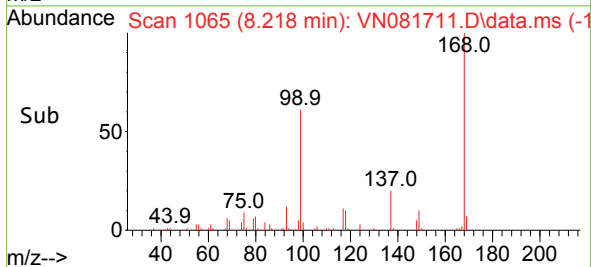
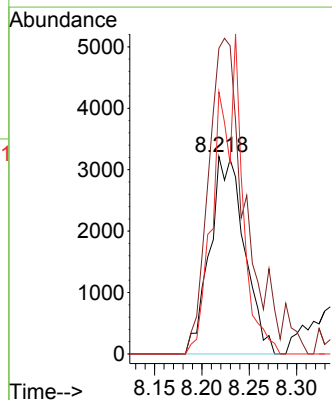
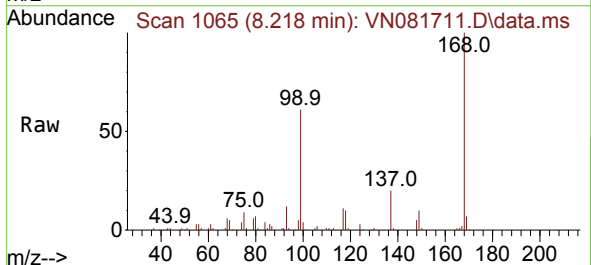
Instrument :
MSVOA_N
ClientSampleId :

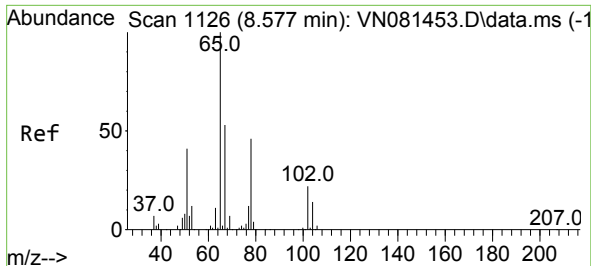
Tgt Ion: 83 Resp: 16190
Ion Ratio Lower Upper
83 100
85 62.2 51.0 76.6



#31
Cyclohexane
Concen: 1.435 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 56 Resp: 8165
Ion Ratio Lower Upper
56 100
69 154.8 20.1 30.1#
84 132.8 56.9 85.3#

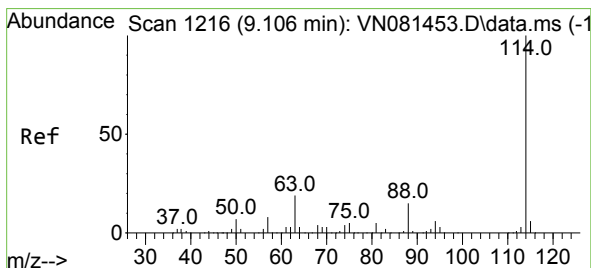
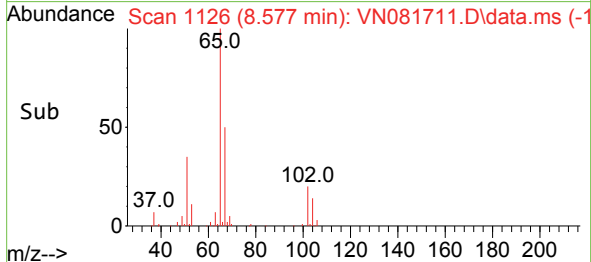
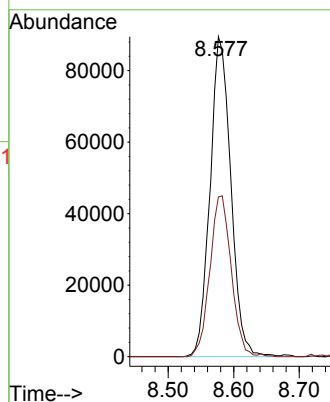
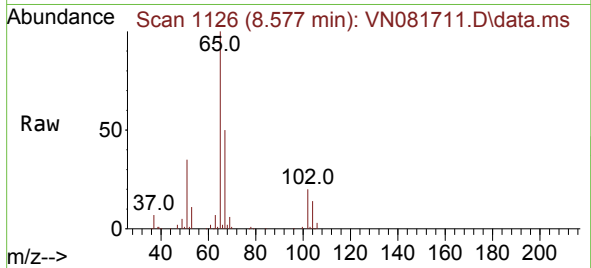




#33
 1,2-Dichloroethane-d4
 Concen: 56.354 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

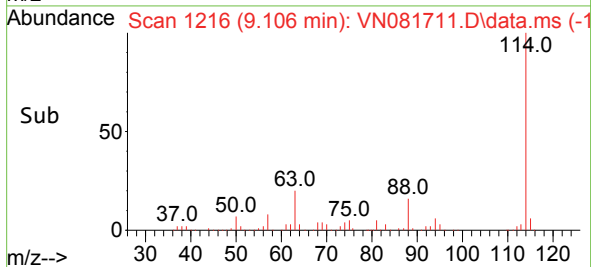
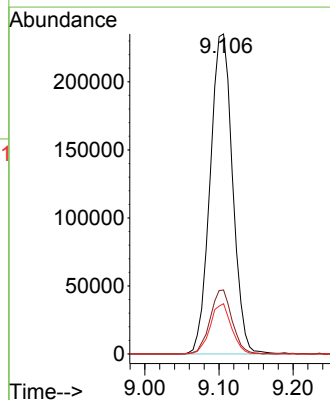
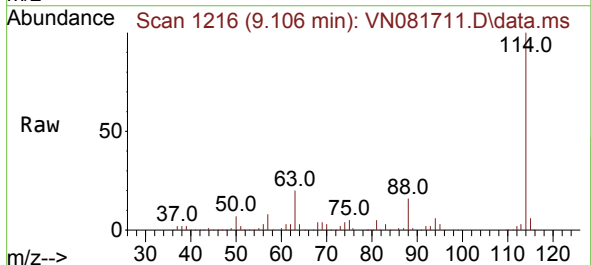
Instrument :
 MSVOA_N
 ClientSampleId :

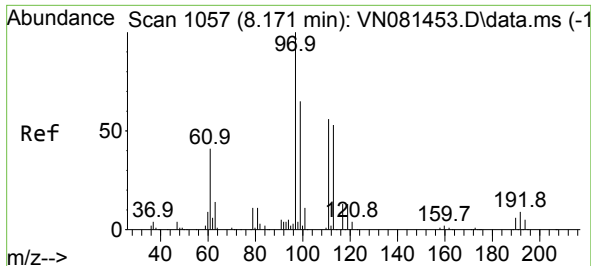
Tgt Ion: 65 Resp: 197079
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

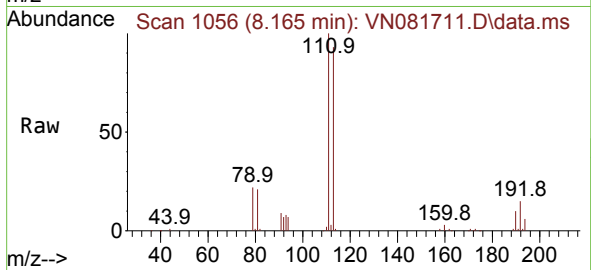
Tgt Ion: 114 Resp: 494870
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 48.0
 88 15.7 0.0 34.8



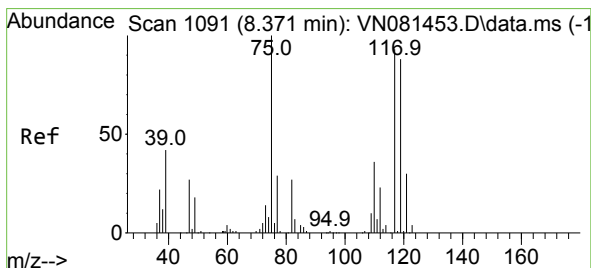
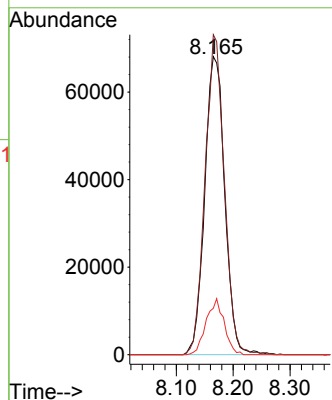
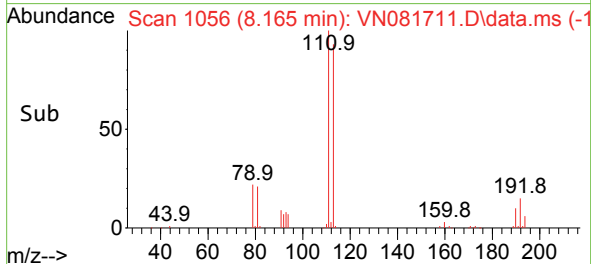


#35
 Dibromofluoromethane
 Concen: 53.444 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.006 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

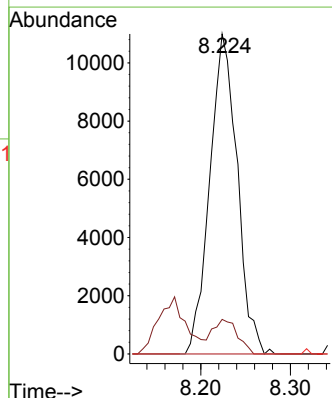
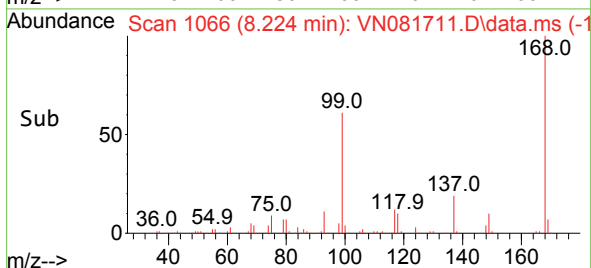
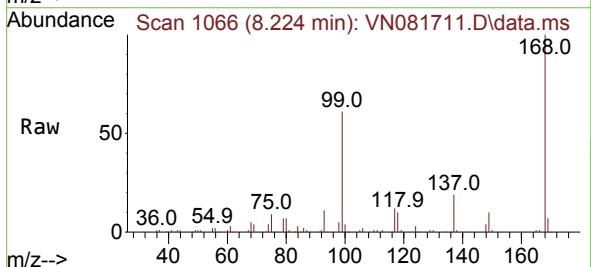


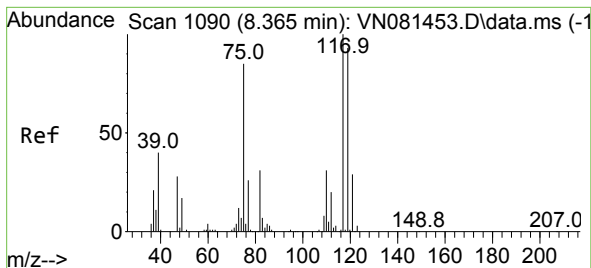
Tgt Ion:113 Resp: 166914
 Ion Ratio Lower Upper
 113 100
 111 103.2 82.2 123.4
 192 16.9 12.5 18.7



#36
 1,1-Dichloropropene
 Concen: 4.445 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.147 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

Tgt Ion: 75 Resp: 23363
 Ion Ratio Lower Upper
 75 100
 110 9.5 16.0 48.0#
 77 0.0 25.8 38.6#





#38

Carbon Tetrachloride

Concen: 5.362 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

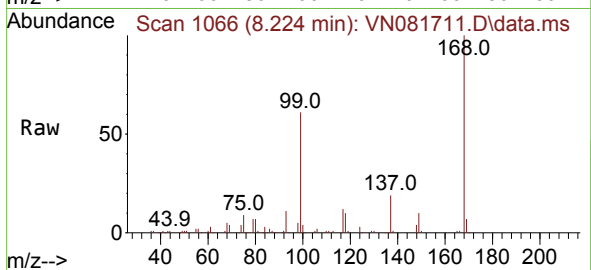
Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :



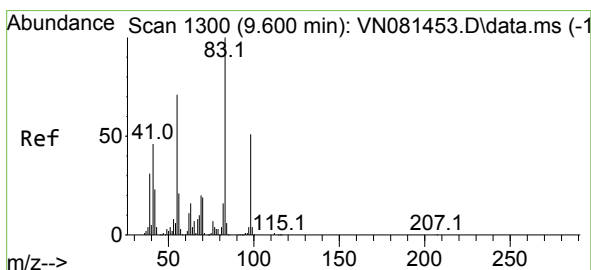
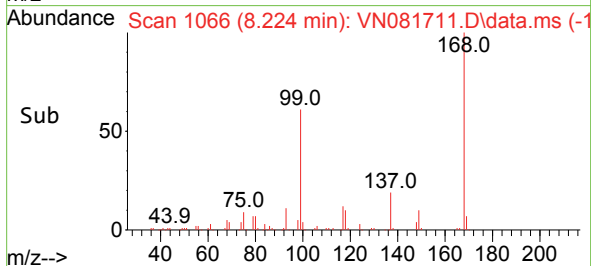
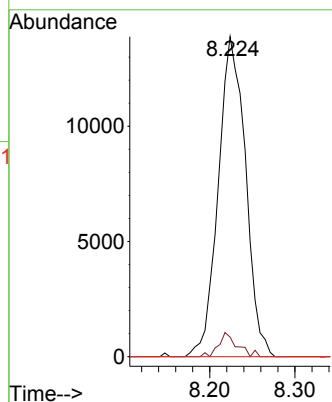
Tgt Ion:117 Resp: 30874

Ion Ratio Lower Upper

117 100

119 6.1 73.4 110.2#

121 0.0 24.4 36.6#



#39

Methylcyclohexane

Concen: 0.525 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

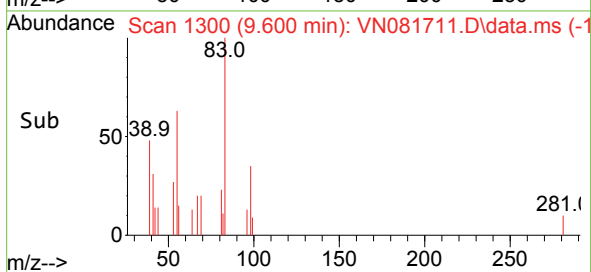
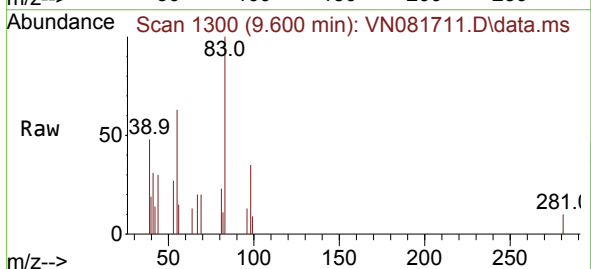
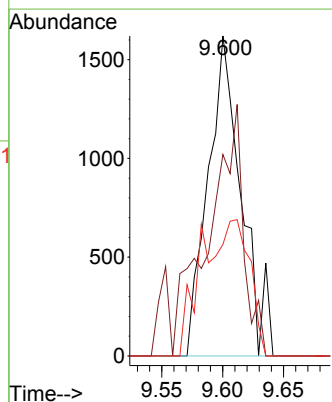
Tgt Ion: 83 Resp: 3082

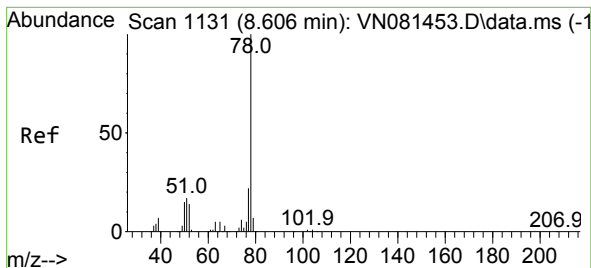
Ion Ratio Lower Upper

83 100

55 63.0 65.7 98.5#

98 34.8 33.8 50.6





#40

Benzene

Concen: 0.801 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

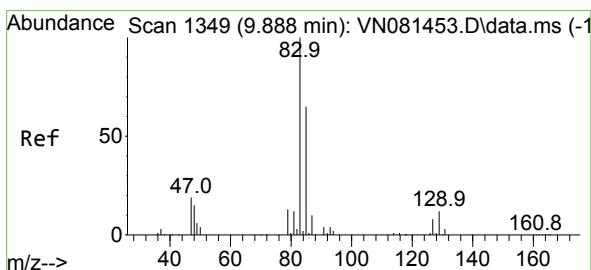
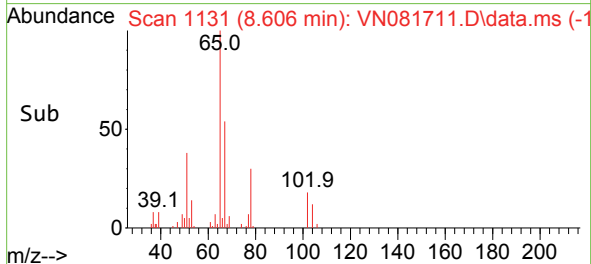
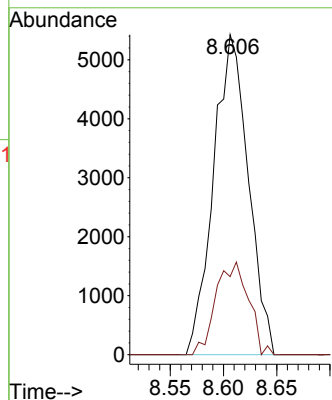
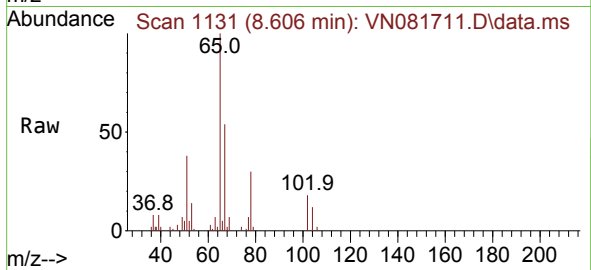
ClientSampleId :

Tgt Ion: 78 Resp: 12315

Ion Ratio Lower Upper

78 100

77 24.4 20.4 30.6



#47

Bromodichloromethane

Concen: 0.269 ug/l

RT: 9.900 min Scan# 1351

Delta R.T. 0.012 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

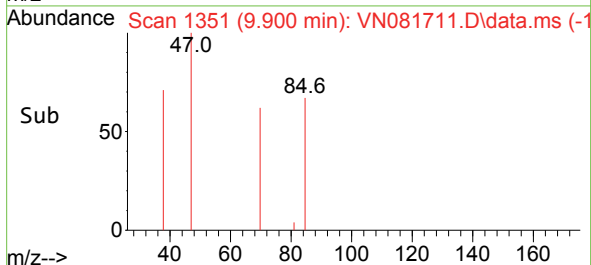
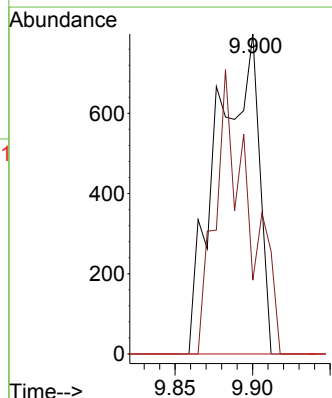
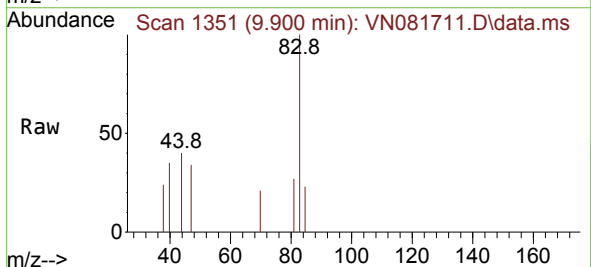
Tgt Ion: 83 Resp: 1489

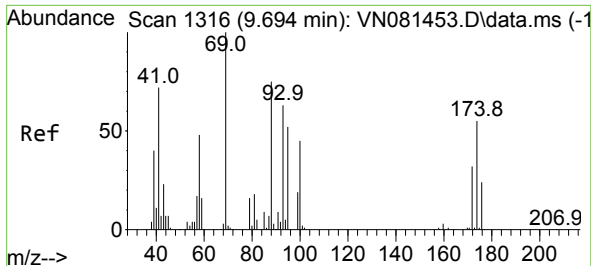
Ion Ratio Lower Upper

83 100

85 23.1 52.3 78.5#

127 0.0 4.6 7.0#





#49

1,4-Dioxane

Concen: 0.665 ug/l

RT: 9.683 min Scan# 11

Delta R.T. -0.012 min

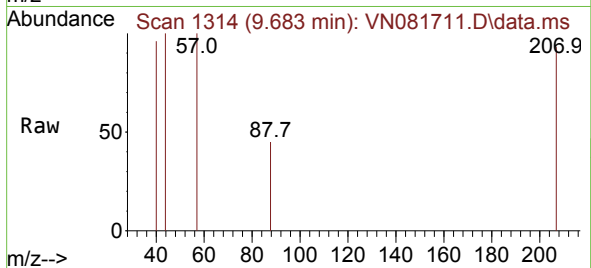
Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :



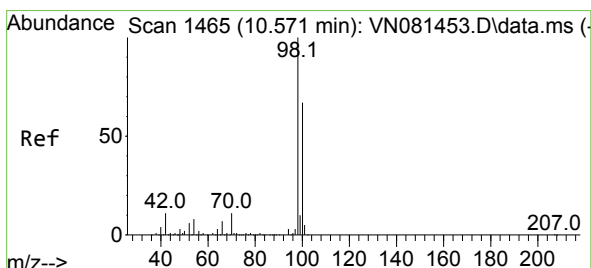
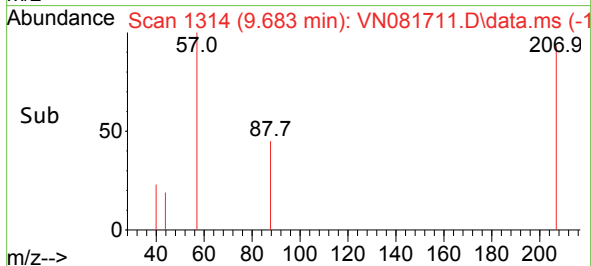
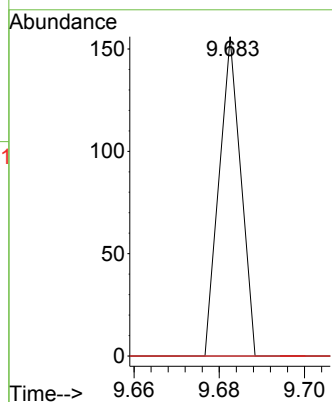
Tgt Ion: 88 Resp: 55

Ion Ratio Lower Upper

88 100

43 0.0 30.1 45.1#

58 0.0 63.9 95.9#



#50

Toluene-d8

Concen: 52.586 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN081711.D

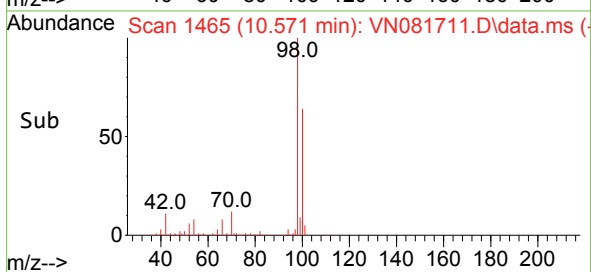
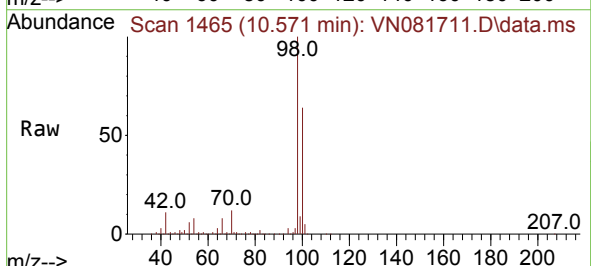
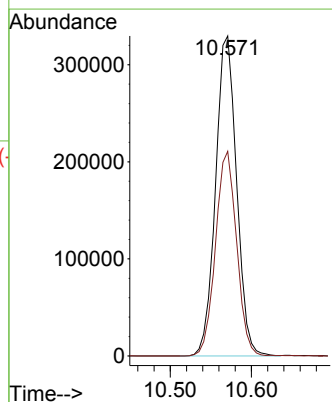
Acq: 12 Apr 2024 12:32

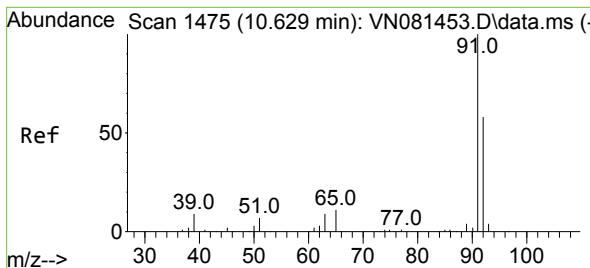
Tgt Ion: 98 Resp: 593681

Ion Ratio Lower Upper

98 100

100 64.3 51.4 77.0





#52

Toluene

Concen: 2.110 ug/l

RT: 10.630 min Scan# 14

Delta R.T. 0.000 min

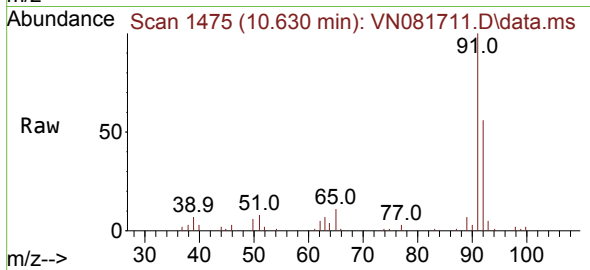
Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

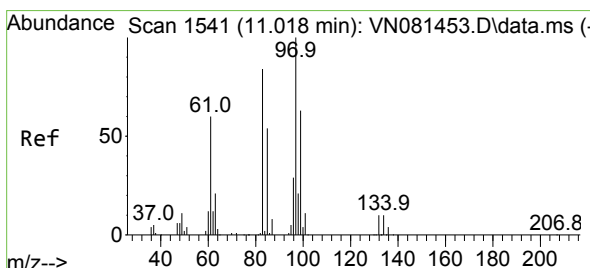
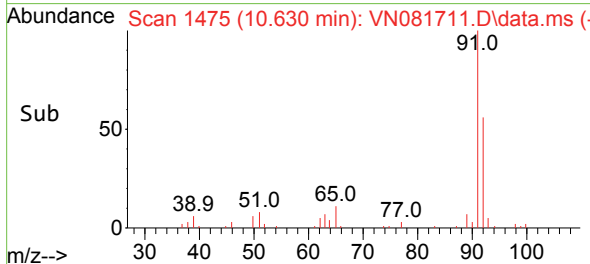
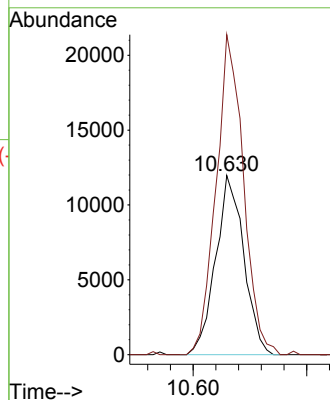


Tgt Ion: 92 Resp: 20608

Ion Ratio Lower Upper

92 100

91 174.0 139.4 209.0



#55

1,1,2-Trichloroethane

Concen: 0.302 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Tgt Ion: 97 Resp: 1188

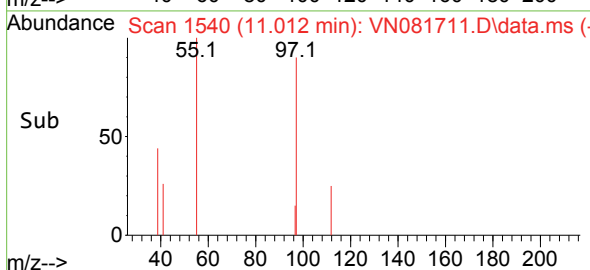
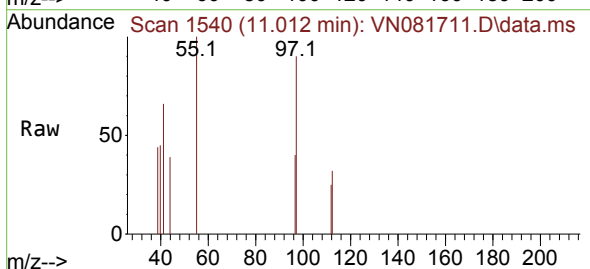
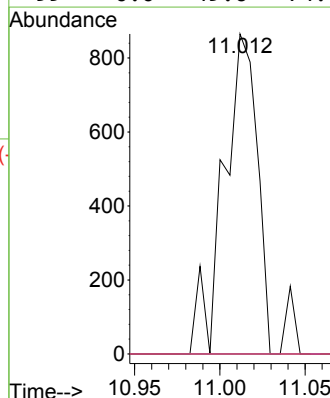
Ion Ratio Lower Upper

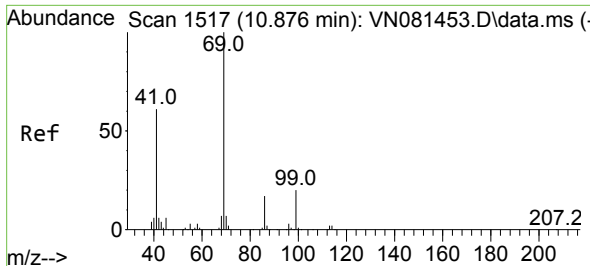
97 100

83 0.0 72.9 109.3#

85 0.0 50.2 75.2#

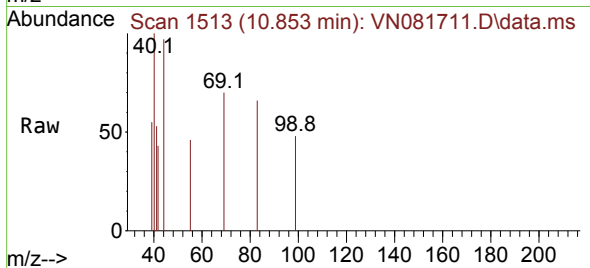
99 0.0 49.6 74.4#



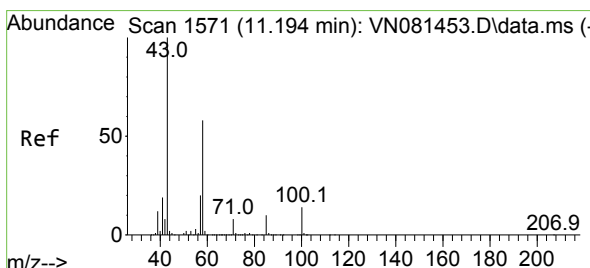
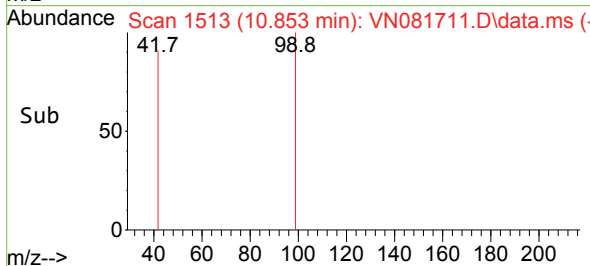
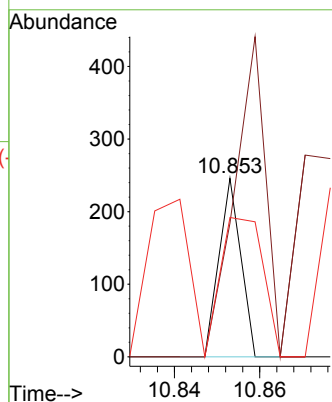


#56
Ethyl methacrylate
Concen: 0.587 ug/l
RT: 10.853 min Scan# 1513
Delta R.T. -0.023 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

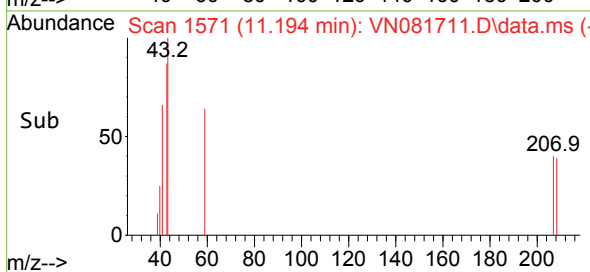
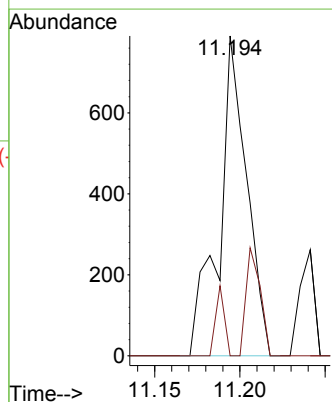
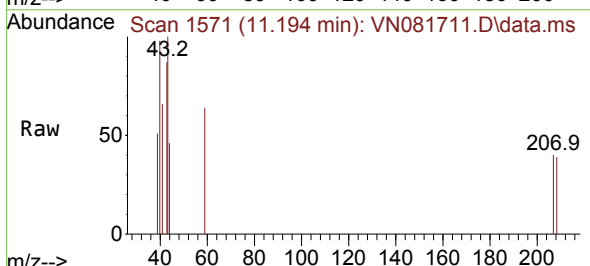


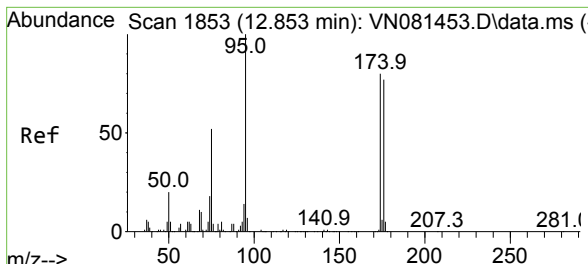
Tgt Ion: 69 Resp: 87
Ion Ratio Lower Upper
69 100
41 252.9 61.0 91.6#
39 152.9 31.8 47.6#



#59
2-Hexanone
Concen: 0.266 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 43 Resp: 894
Ion Ratio Lower Upper
43 100
58 6.8 25.9 77.8#

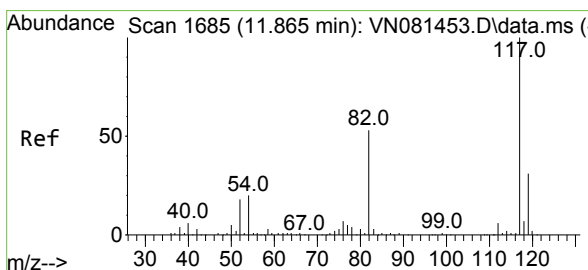
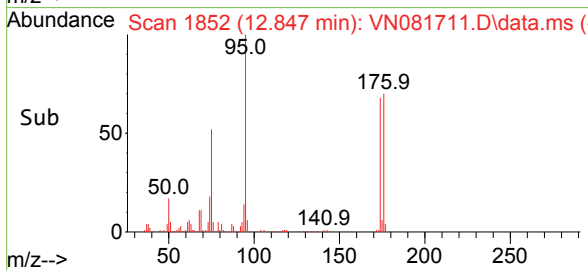
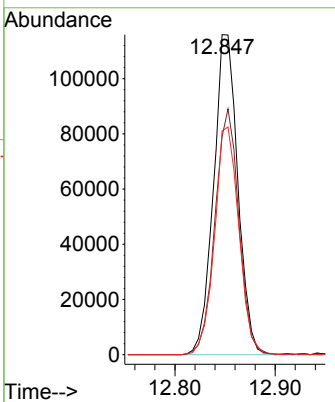
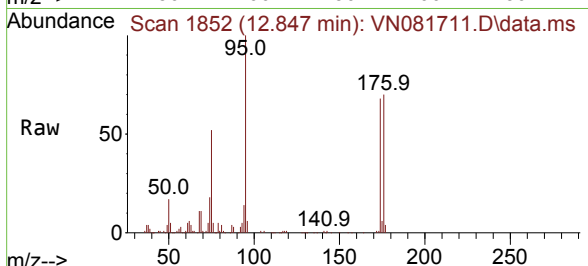




#62
 4-Bromofluorobenzene
 Concen: 48.939 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

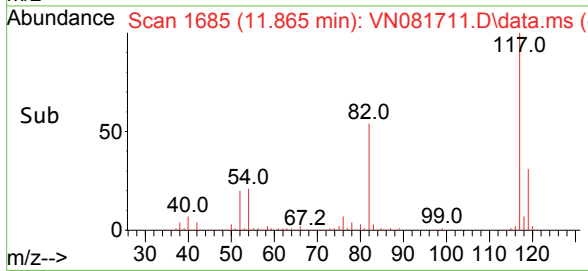
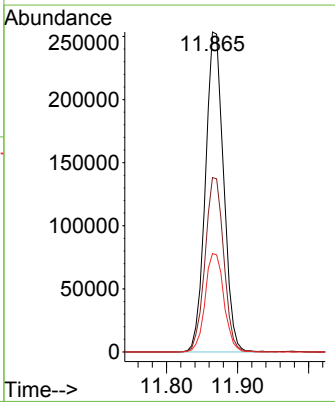
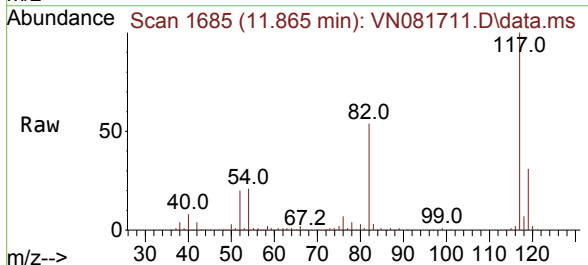
Instrument :
 MSVOA_N
 ClientSampleId :

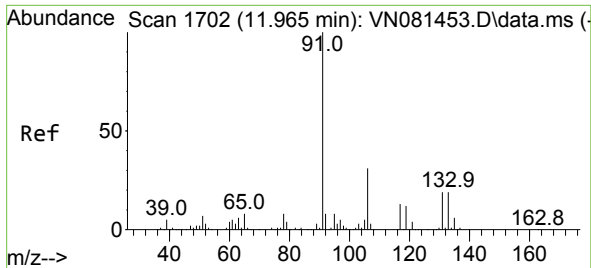
Tgt Ion:	95	Resp:	194681
Ion	Ratio	Lower	Upper
95	100		
174	75.5	0.0	120.4
176	71.3	0.0	121.0



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.865 min Scan# 1685
 Delta R.T. 0.000 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

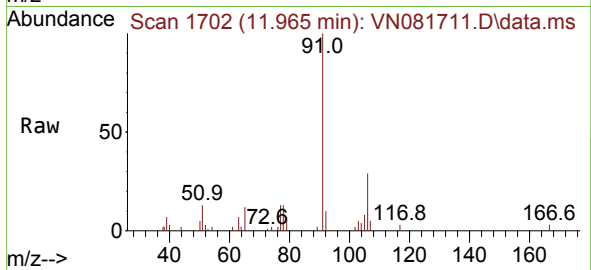
Tgt Ion:	117	Resp:	450200
Ion	Ratio	Lower	Upper
117	100		
82	54.5	52.7	79.1
119	30.8	25.3	37.9



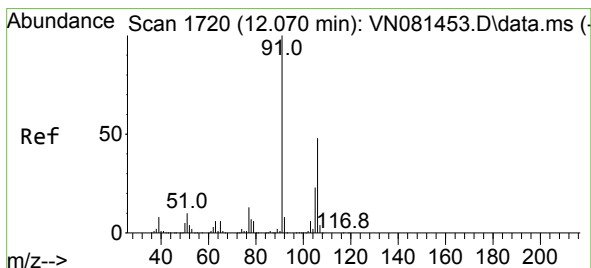
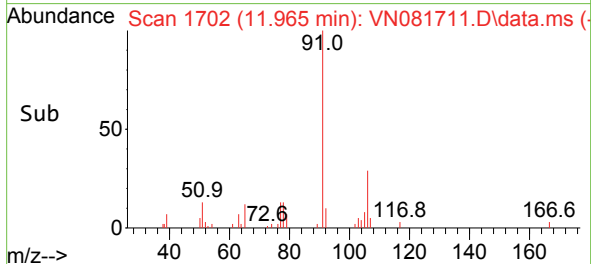
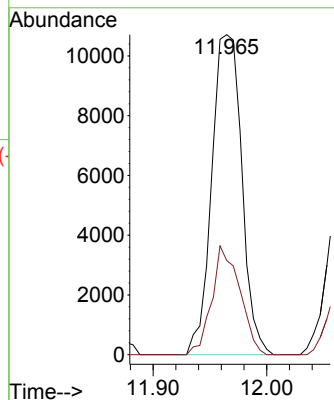


#67
Ethyl Benzene
Concen: 1.065 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

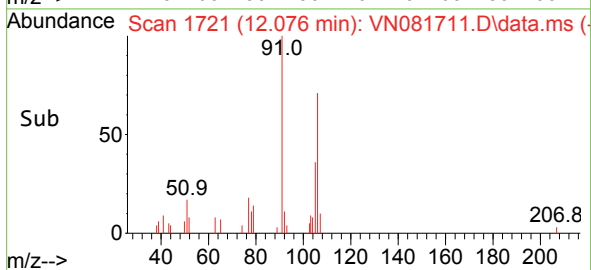
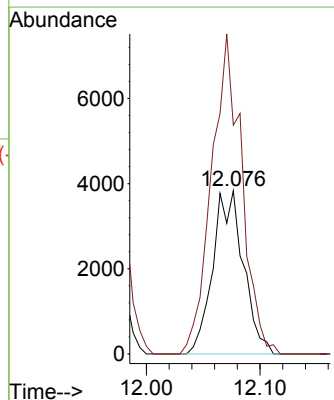
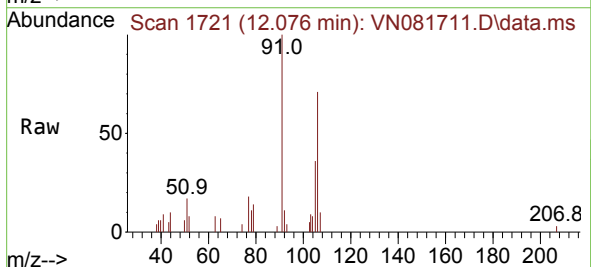


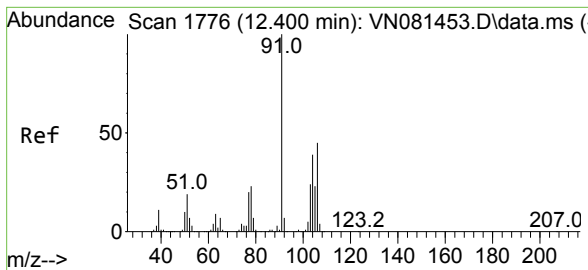
Tgt Ion: 91 Resp: 19692
Ion Ratio Lower Upper
91 100
106 29.4 23.8 35.6



#68
m/p-Xylenes
Concen: 1.033 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.006 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion: 106 Resp: 7157
Ion Ratio Lower Upper
106 100
91 193.9 169.0 253.6

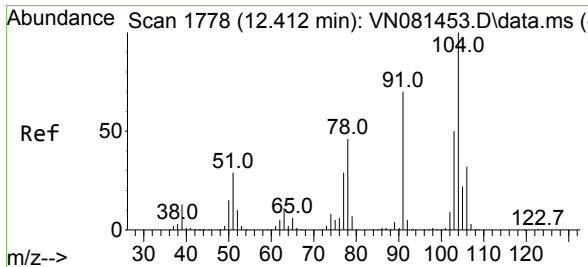
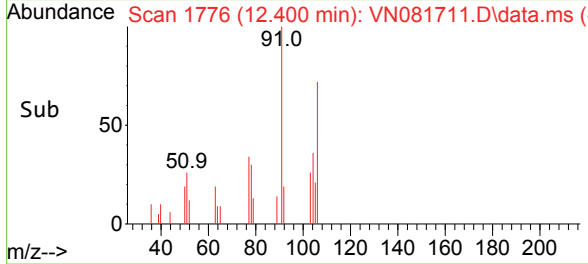
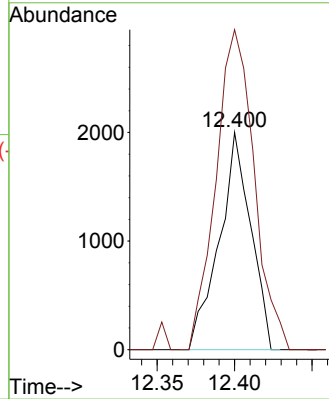
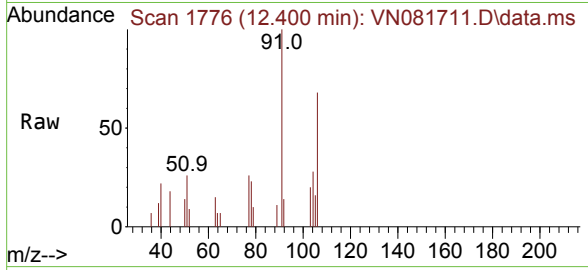




#69
o-Xylene
Concen: 0.417 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

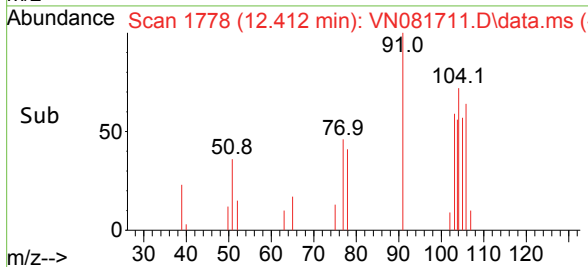
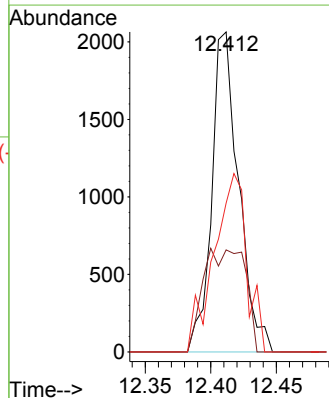
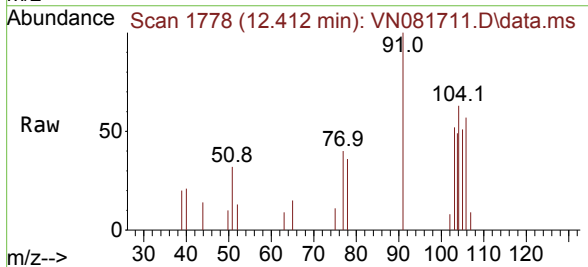
Instrument :
MSVOA_N
ClientSampleId :

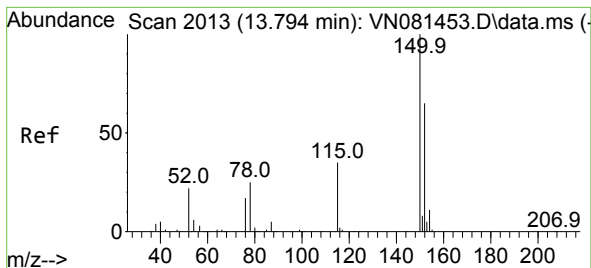
Tgt Ion:106 Resp: 2838
Ion Ratio Lower Upper
106 100
91 178.5 112.1 336.3



#70
Styrene
Concen: 0.268 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion:104 Resp: 2945
Ion Ratio Lower Upper
104 100
78 50.9 43.8 65.8
103 67.9 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

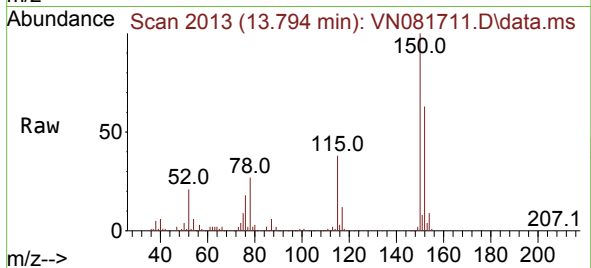
Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :



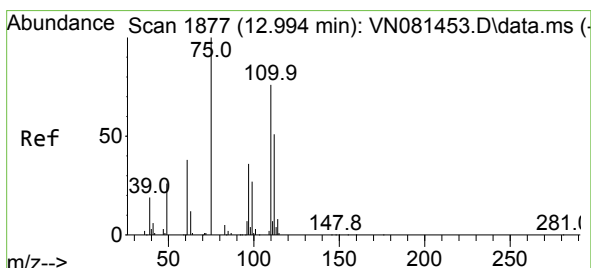
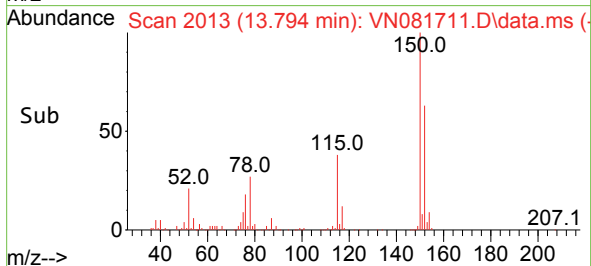
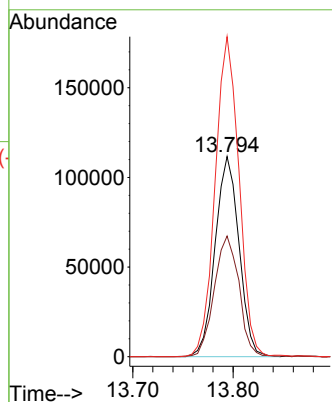
Tgt Ion:152 Resp: 184329

Ion Ratio Lower Upper

152 100

115 62.8 32.3 96.8

150 159.9 0.0 339.8



#76

1,2,3-Trichloropropane

Concen: 23.882 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.141 min

Lab File: VN081711.D

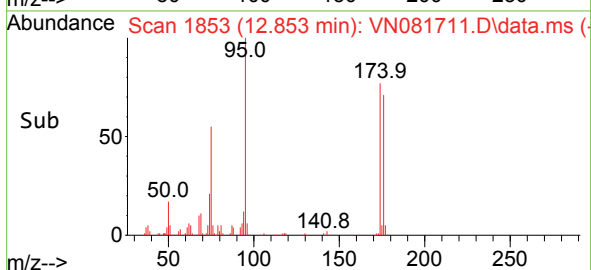
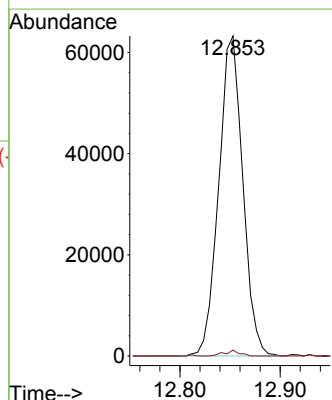
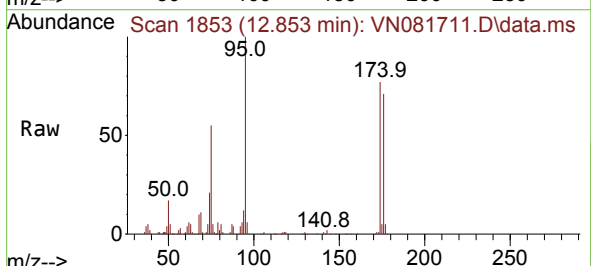
Acq: 12 Apr 2024 12:32

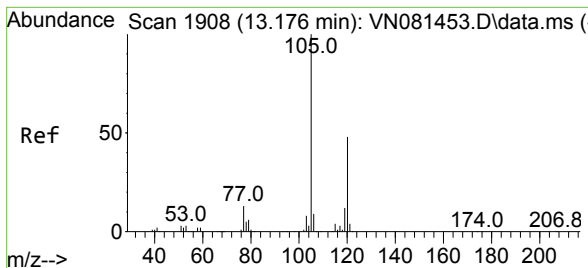
Tgt Ion: 75 Resp: 105303

Ion Ratio Lower Upper

75 100

77 1.1 91.0 272.8#





#80

1,3,5-Trimethylbenzene

Concen: 0.201 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

Instrument :

MSVOA_N

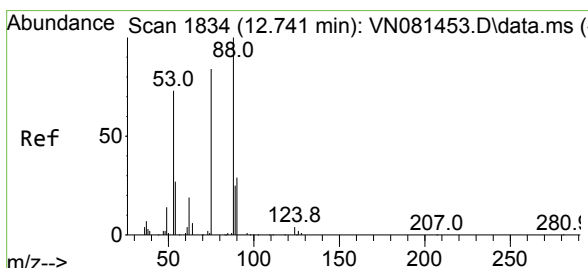
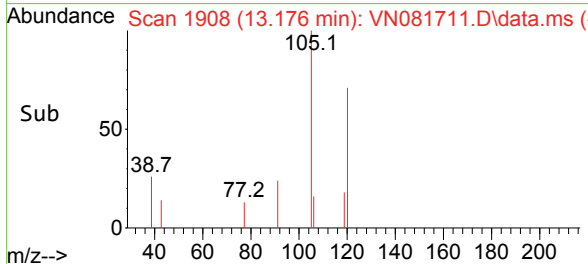
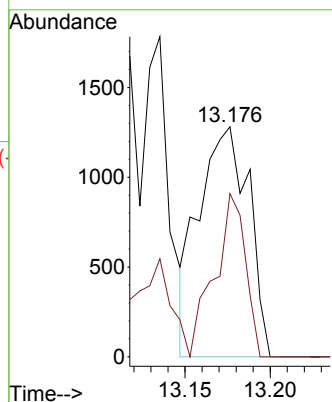
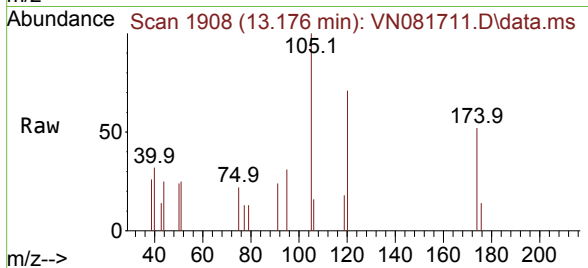
ClientSampleId :

Tgt Ion:105 Resp: 2611

Ion Ratio Lower Upper

105 100

120 43.7 23.0 69.0



#81

trans-1,4-Dichloro-2-butene

Concen: 64.538 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.112 min

Lab File: VN081711.D

Acq: 12 Apr 2024 12:32

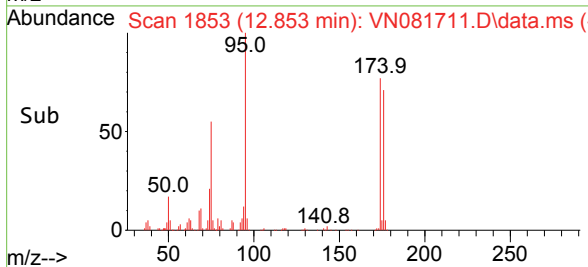
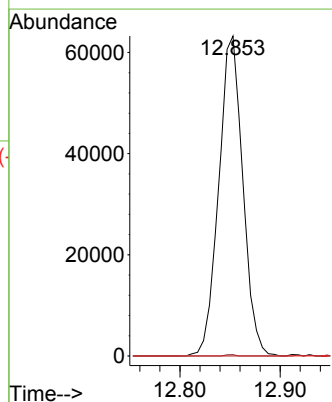
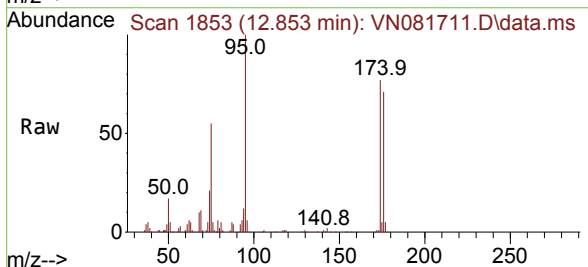
Tgt Ion: 75 Resp: 105303

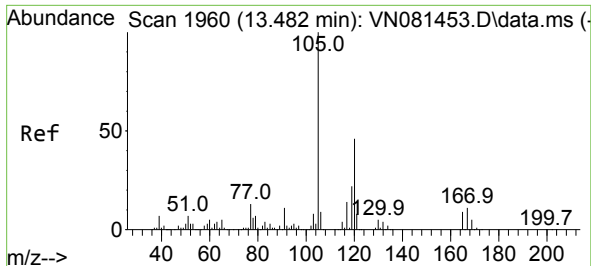
Ion Ratio Lower Upper

75 100

53 0.2 71.4 107.2#

89 0.0 33.4 50.0#

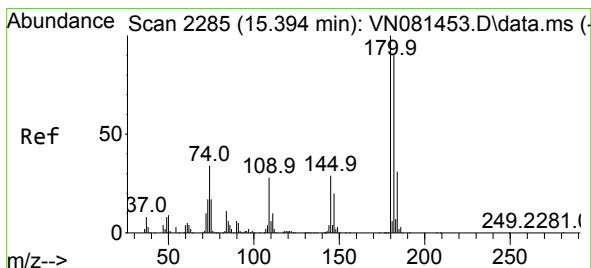
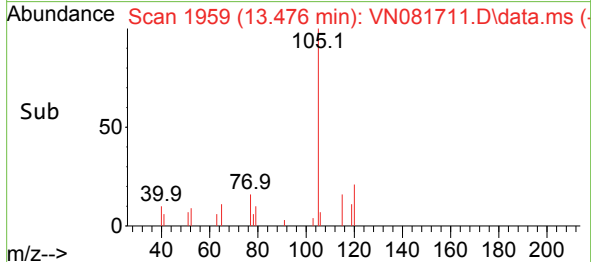
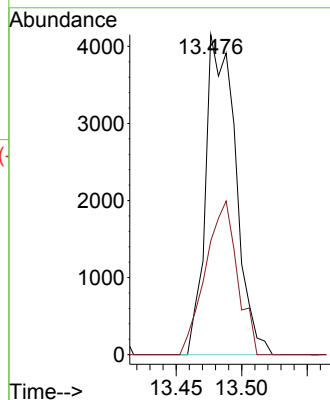
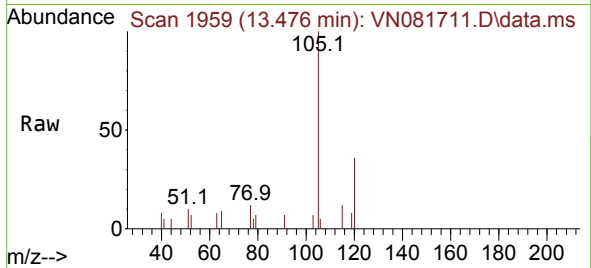




#84
 1,2,4-Trimethylbenzene
 Concen: 0.507 ug/l
 RT: 13.476 min Scan# 1960
 Delta R.T. -0.006 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

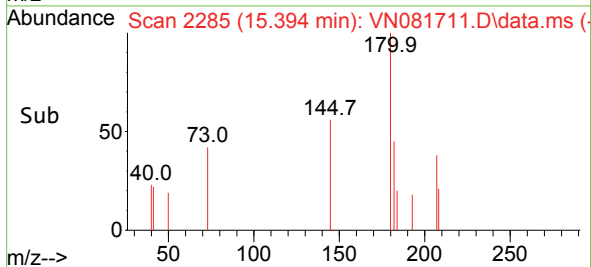
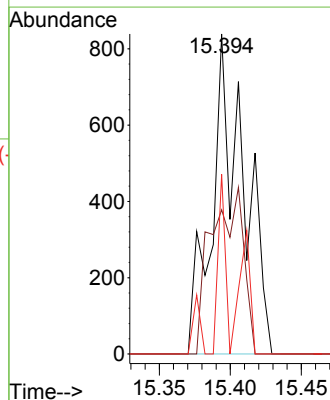
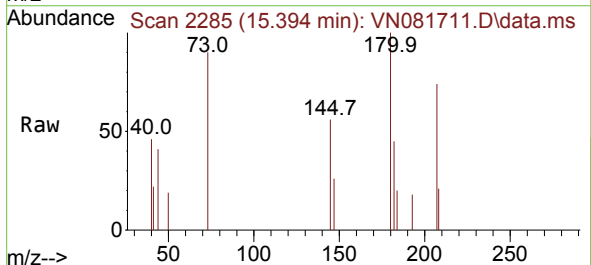
Instrument :
 MSVOA_N
 ClientSampleId :

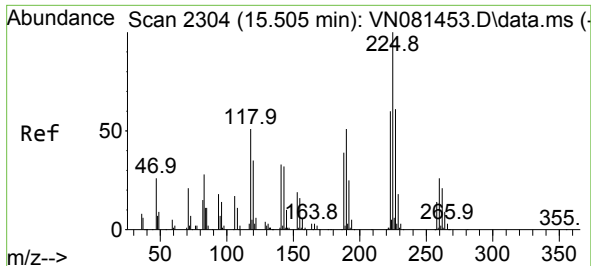
Tgt Ion:105 Resp: 6619
 Ion Ratio Lower Upper
 105 100
 120 50.9 20.9 62.7



#93
 1,2,4-Trichlorobenzene
 Concen: 0.326 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.000 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

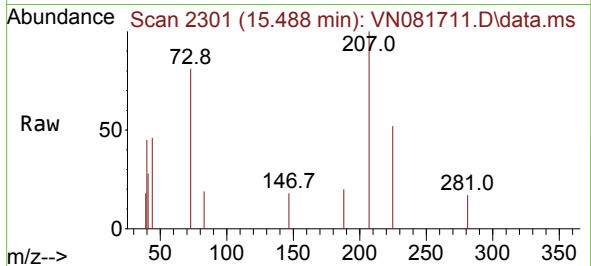
Tgt Ion:180 Resp: 1294
 Ion Ratio Lower Upper
 180 100
 182 53.2 46.6 139.7
 145 21.7 16.8 50.3



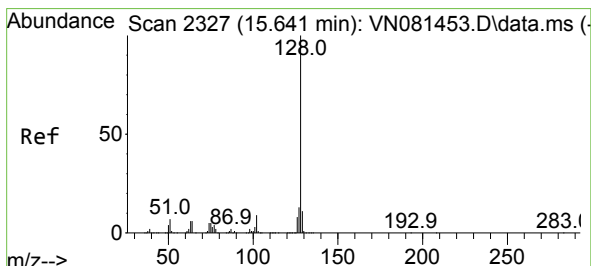
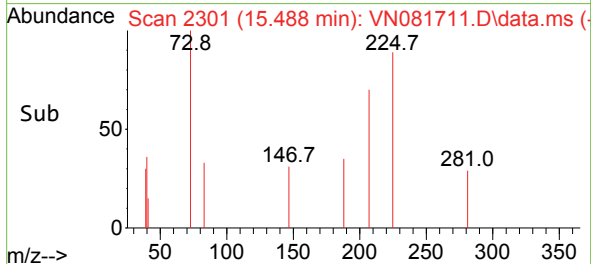
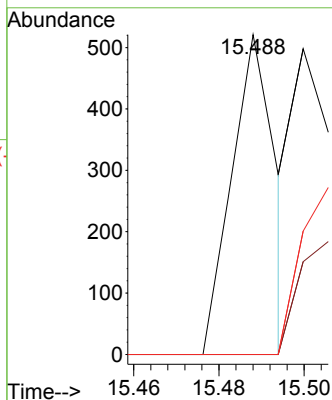


#94
Hexachlorobutadiene
Concen: 0.217 ug/l
RT: 15.488 min Scan# 21
Delta R.T. -0.017 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Instrument :
MSVOA_N
ClientSampleId :

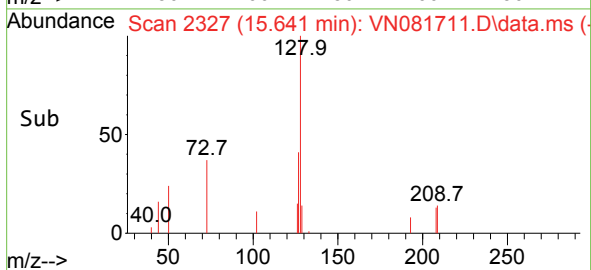
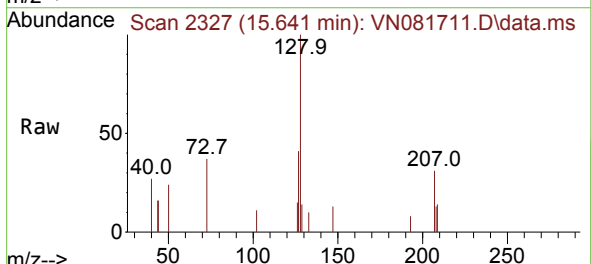
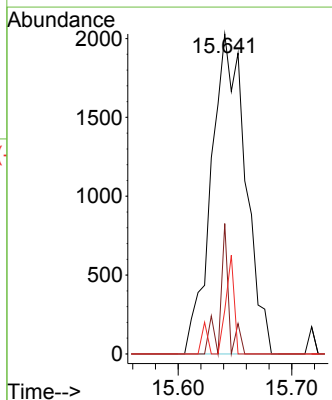


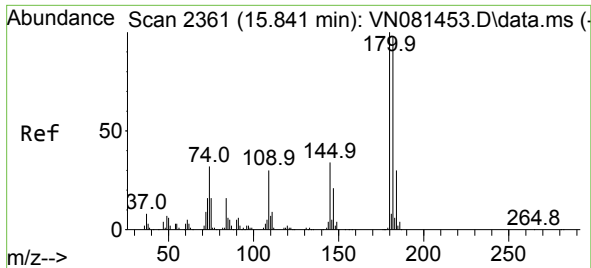
Tgt Ion:225 Resp: 377
Ion Ratio Lower Upper
225 100
223 0.0 33.3 99.8#
227 0.0 33.1 99.2#



#95
Naphthalene
Concen: 0.331 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN081711.D
Acq: 12 Apr 2024 12:32

Tgt Ion:128 Resp: 4254
Ion Ratio Lower Upper
128 100
127 10.5 10.0 15.0
129 7.5 8.7 13.1#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.372 ug/l
 RT: 15.829 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN081711.D
 Acq: 12 Apr 2024 12:32

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:	180	Resp:	1486
Ion	Ratio	Lower	Upper
180	100		
182	72.1	46.5	139.3
145	32.8	17.8	53.4

