

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082767.D
 Acq On : 01 Jul 2024 15:52
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 02 00:09:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

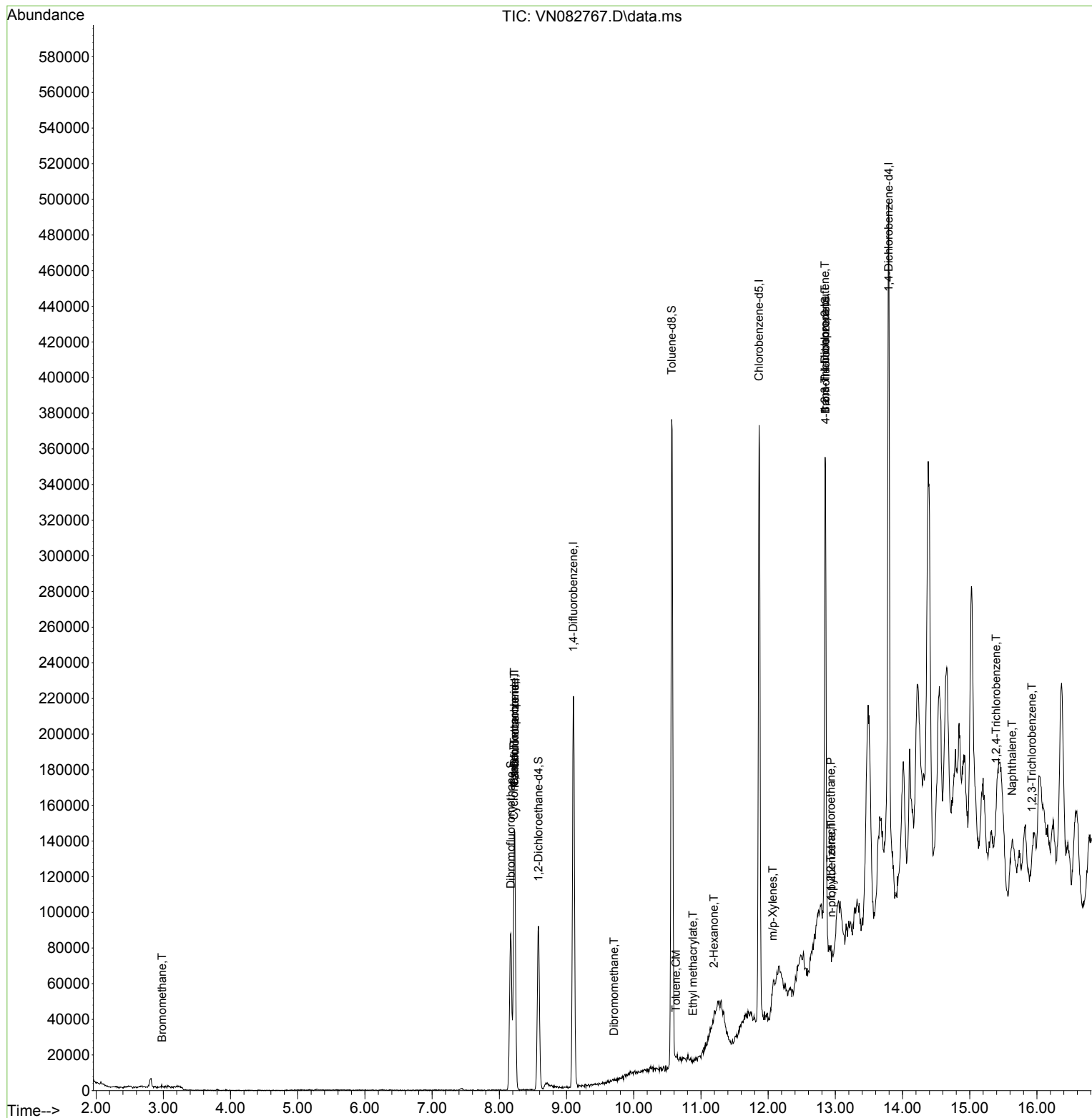
Internal Standards						
1) Pentafluorobenzene	8.230	168	102190	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	194600	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	94633	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	74863	47.504	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.000%		
35) Dibromofluoromethane	8.171	113	63343	49.439	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.880%		
50) Toluene-d8	10.565	98	253368	52.878	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.760%		
62) 4-Bromofluorobenzene	12.853	95	94741	57.576	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	115.160%		
Target Compounds					Qvalue	
5) Bromomethane	2.983	94	283	0.230	ug/l #	1
31) Cyclohexane	8.218	56	2817	1.269	ug/l #	33
36) 1,1-Dichloropropene	8.224	75	8882	4.823	ug/l #	51
38) Carbon Tetrachloride	8.224	117	10888	5.055	ug/l #	16
46) Dibromomethane	9.706	93	415	0.388	ug/l #	27
52) Toluene	10.630	92	2032	0.573	ug/l	98
56) Ethyl methacrylate	10.882	69	438	0.212	ug/l #	63
59) 2-Hexanone	11.194	43	324	0.215	ug/l #	28
68) m/p-Xylenes	12.071	106	2998	1.136	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	770	0.318	ug/l #	26
76) 1,2,3-Trichloropropane	12.847	75	52369	25.371	ug/l #	1
78) n-propylbenzene	12.941	91	1728	0.212	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.847	75	52369	66.164	ug/l #	6
93) 1,2,4-Trichlorobenzene	15.394	180	2527	1.660	ug/l #	61
95) Naphthalene	15.629	128	7077	1.399	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.923	180	522	0.321	ug/l	90

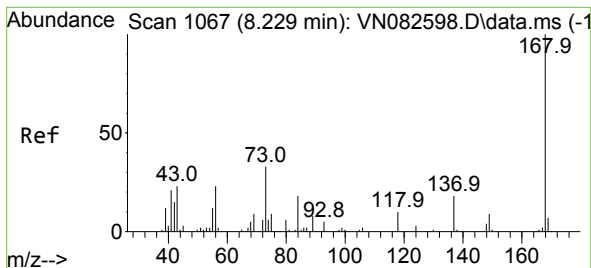
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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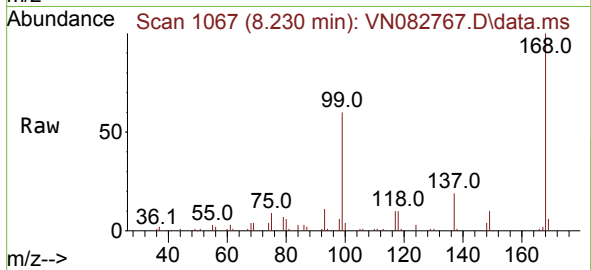
Quant Time: Jul 02 00:09:02 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 28 06:02:21 2024
Response via : Initial Calibration



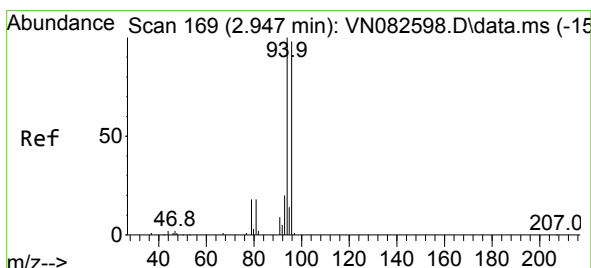
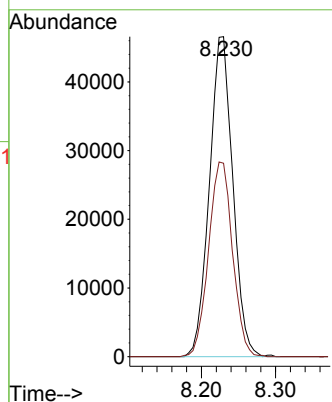
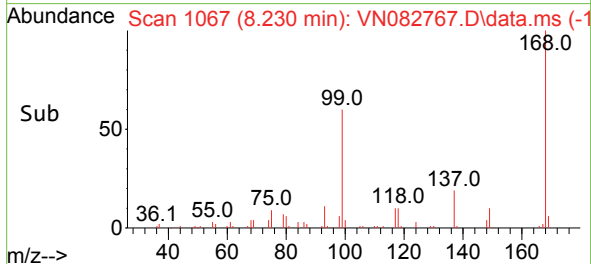


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

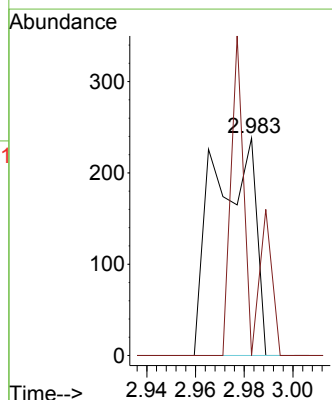
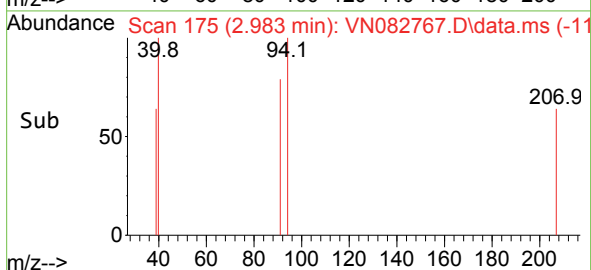
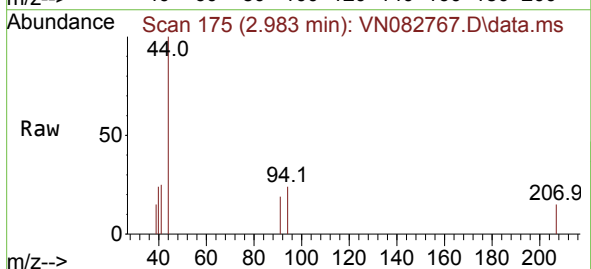


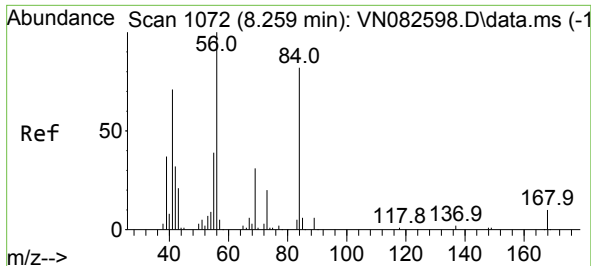
Tgt Ion:168 Resp: 102190
Ion Ratio Lower Upper
168 100
99 60.5 48.2 72.4



#5
Bromomethane
Concen: 0.230 ug/l
RT: 2.983 min Scan# 175
Delta R.T. 0.036 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

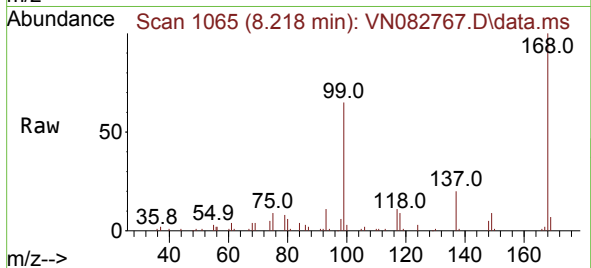
Tgt Ion: 94 Resp: 283
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



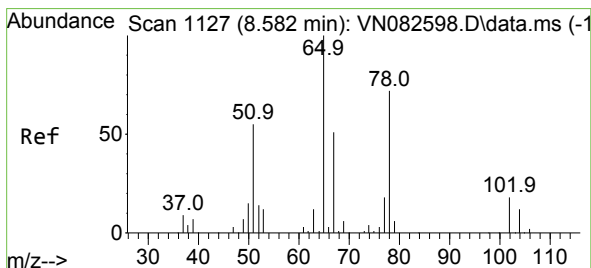
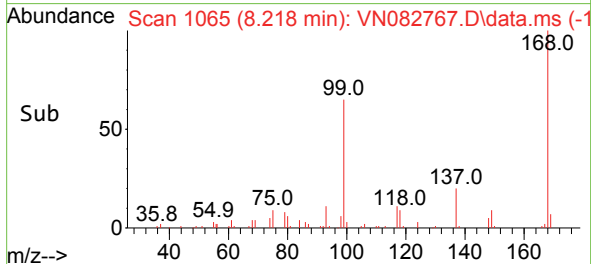
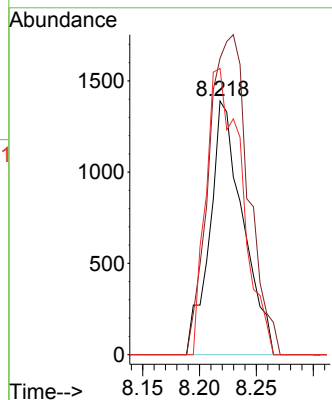


#31
Cyclohexane
Concen: 1.269 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.041 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

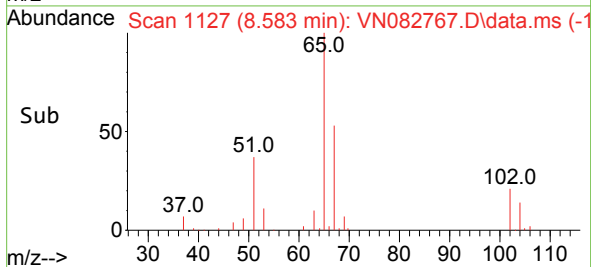
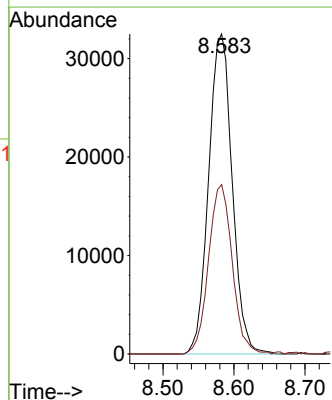
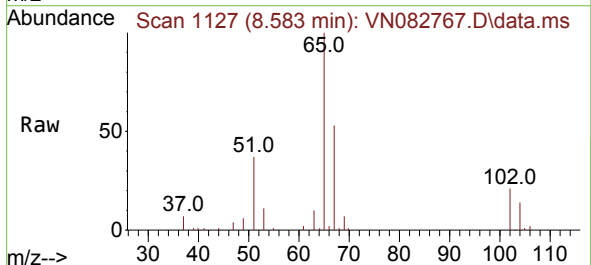


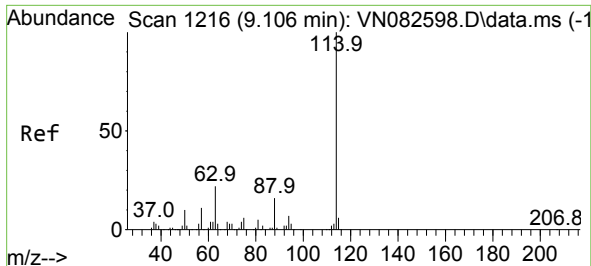
Tgt Ion: 56 Resp: 2817
Ion Ratio Lower Upper
56 100
69 116.9 24.5 36.7#
84 112.9 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 47.504 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.001 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

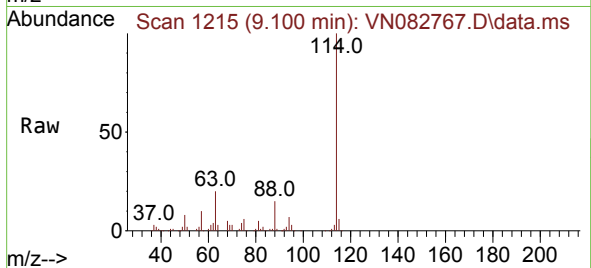
Tgt Ion: 65 Resp: 74863
Ion Ratio Lower Upper
65 100
67 53.2 0.0 104.4



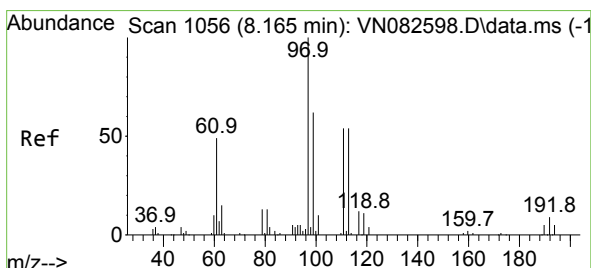
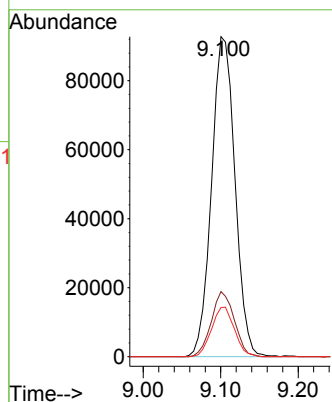
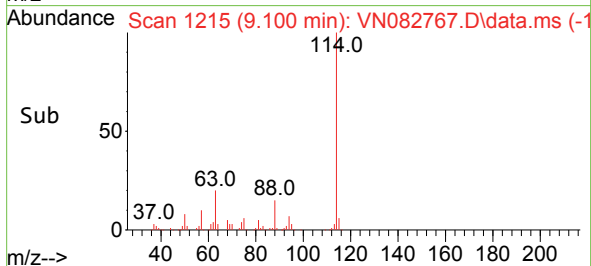


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

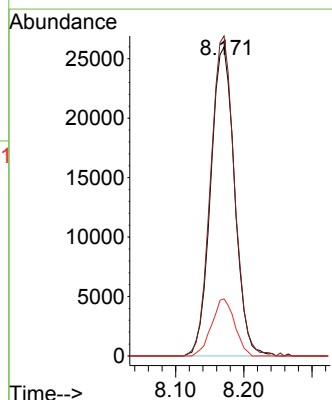
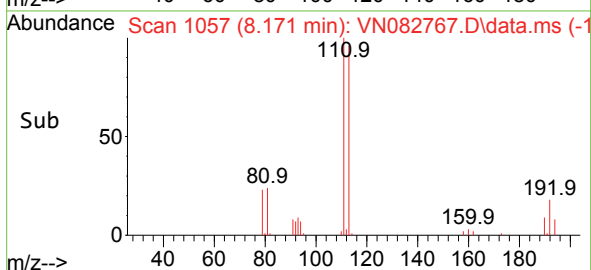
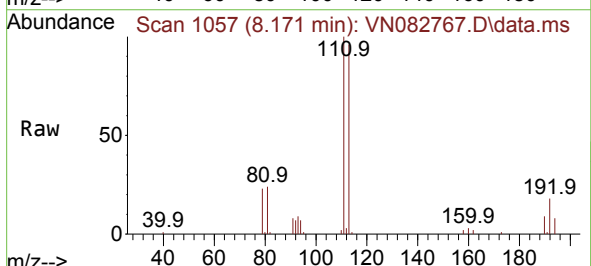


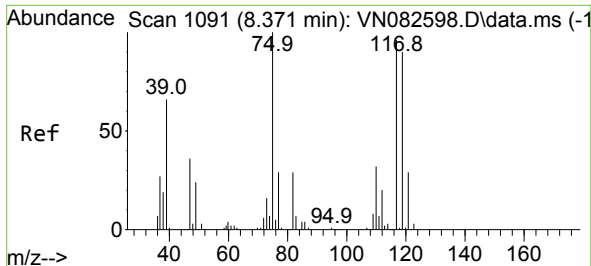
Tgt Ion:114 Resp: 194600
Ion Ratio Lower Upper
114 100
63 20.4 0.0 44.6
88 15.3 0.0 31.4



#35
Dibromofluoromethane
Concen: 49.439 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Tgt Ion:113 Resp: 63343
Ion Ratio Lower Upper
113 100
111 103.4 82.4 123.6
192 17.8 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.823 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

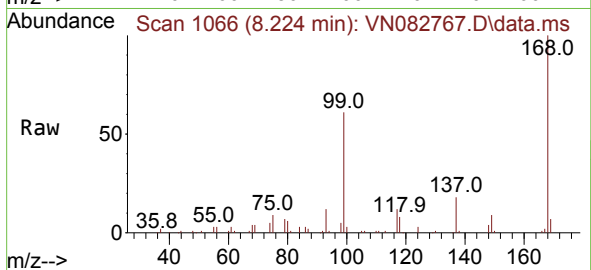
Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

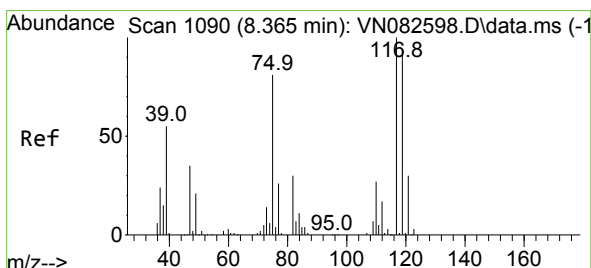
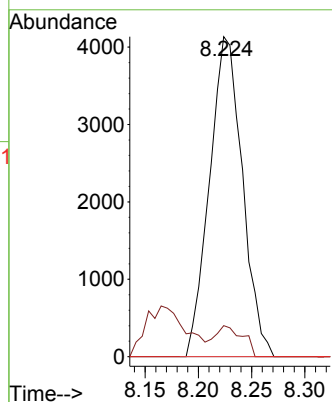
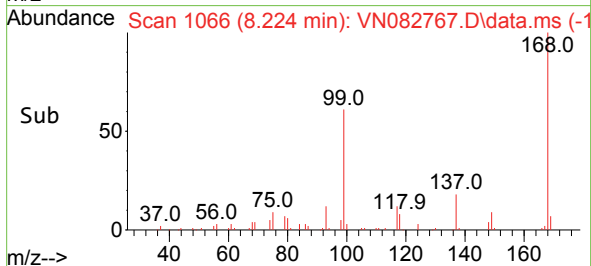
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	8882
Ion	Ratio	Lower	Upper
75	100		
110	8.4	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.055 ug/l

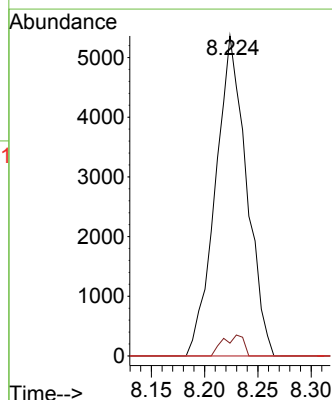
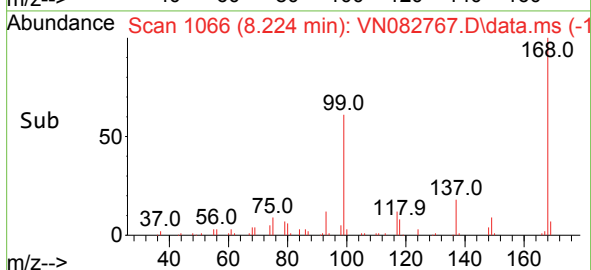
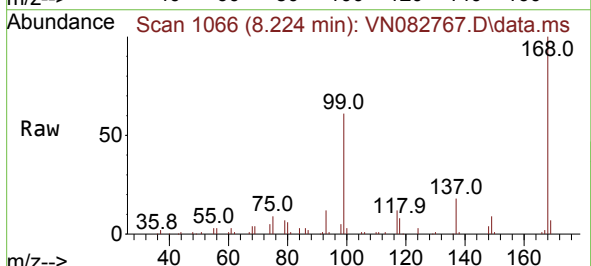
RT: 8.224 min Scan# 1066

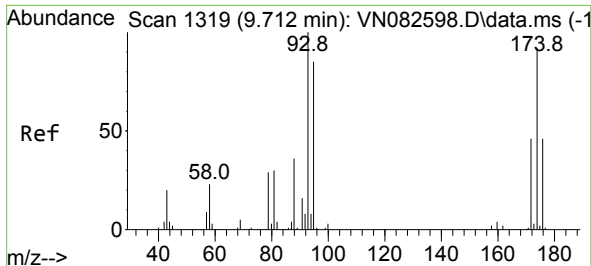
Delta R.T. -0.141 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

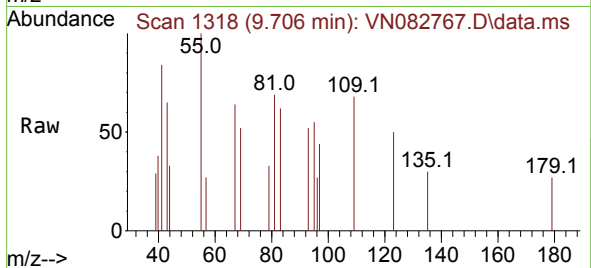
Tgt Ion:	117	Resp:	10888
Ion	Ratio	Lower	Upper
117	100		
119	4.0	74.9	112.3#
121	0.0	24.3	36.5#



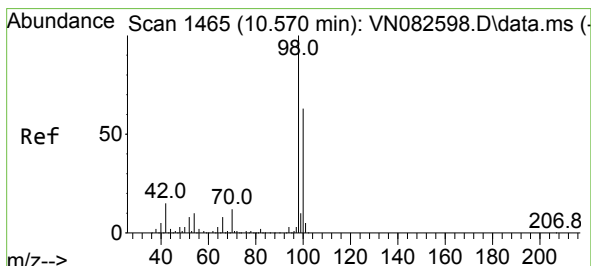
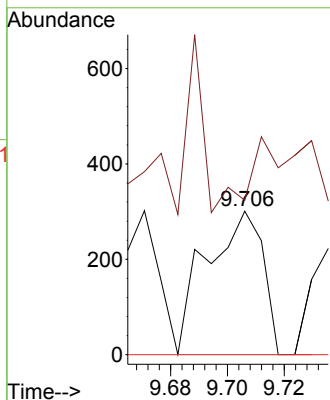
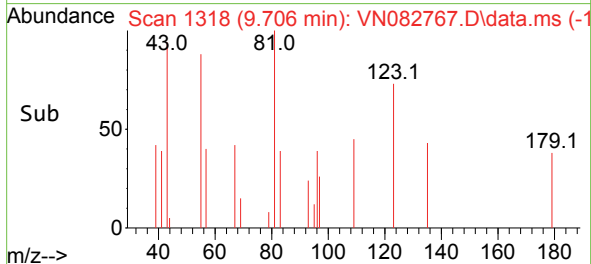


#46
Dibromomethane
Concen: 0.388 ug/l
RT: 9.706 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

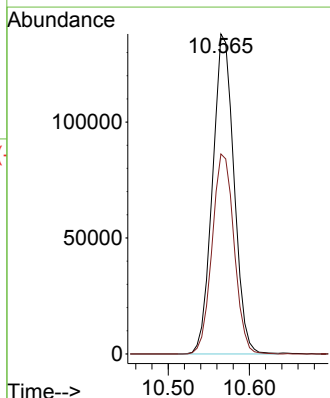
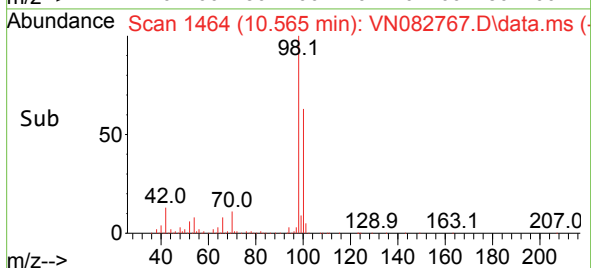
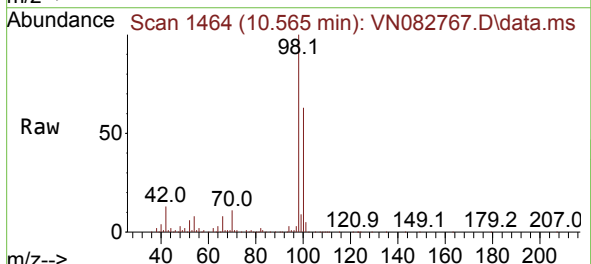


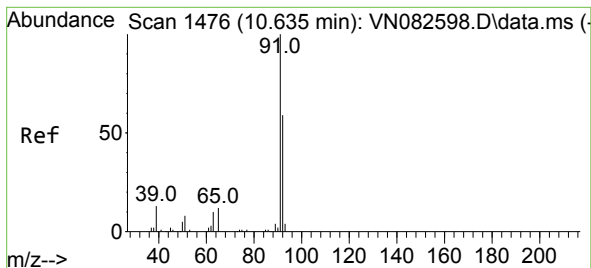
Tgt Ion: 93 Resp: 415
Ion Ratio Lower Upper
93 100
95 39.0 65.8 98.6#
174 0.0 71.7 107.5#



#50
Toluene-d8
Concen: 52.878 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.005 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Tgt Ion: 98 Resp: 253368
Ion Ratio Lower Upper
98 100
100 63.9 51.5 77.3





#52

Toluene

Concen: 0.573 ug/l

RT: 10.630 min Scan# 1476

Delta R.T. -0.005 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

Instrument :

MSVOA_N

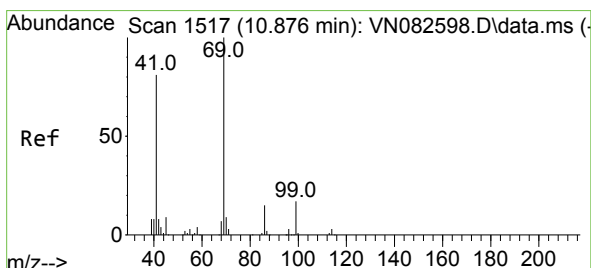
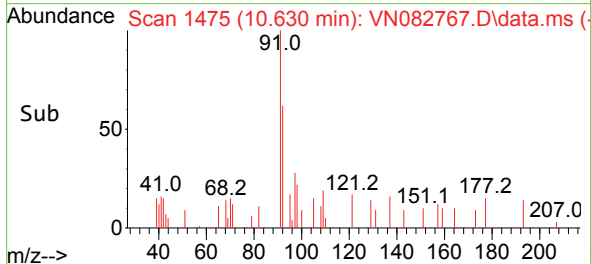
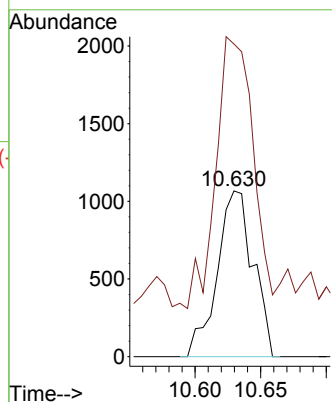
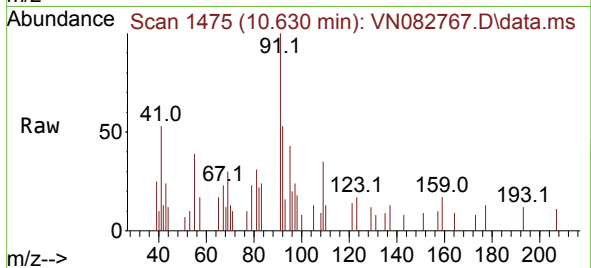
ClientSampleId :

Tgt Ion: 92 Resp: 2032

Ion Ratio Lower Upper

92 100

91 171.3 139.4 209.0



#56

Ethyl methacrylate

Concen: 0.212 ug/l

RT: 10.882 min Scan# 1518

Delta R.T. 0.006 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

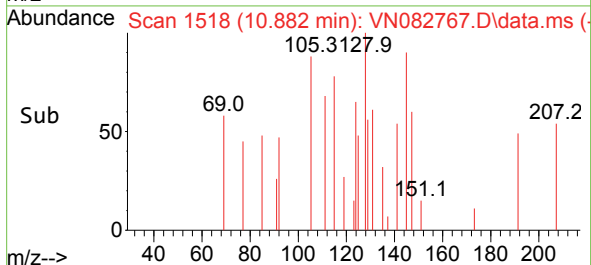
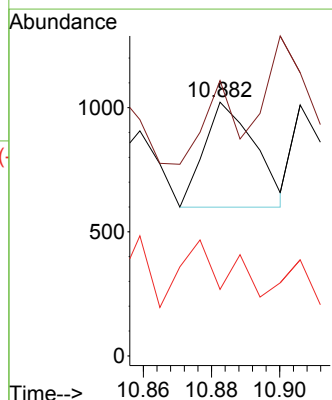
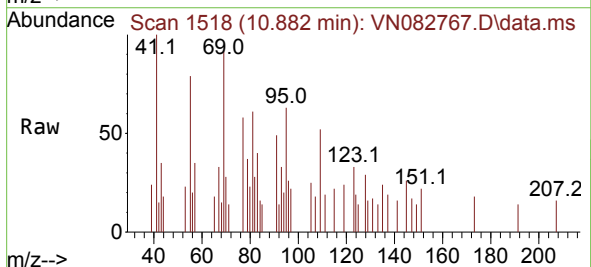
Tgt Ion: 69 Resp: 438

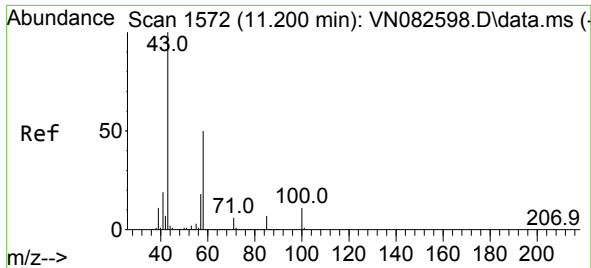
Ion Ratio Lower Upper

69 100

41 45.7 63.4 95.2#

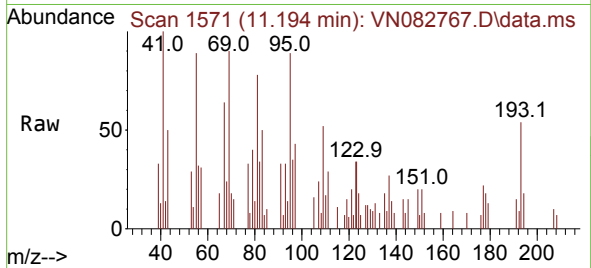
39 69.4 37.4 56.0#



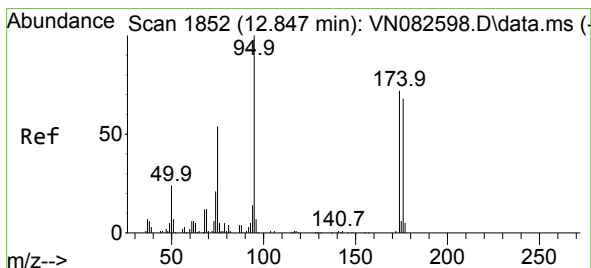
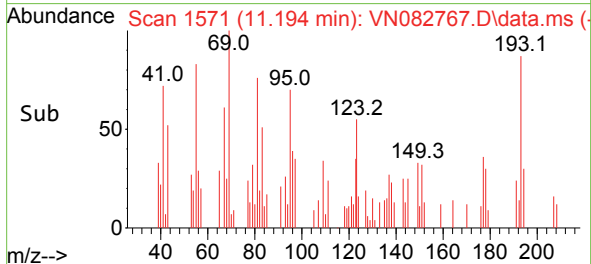
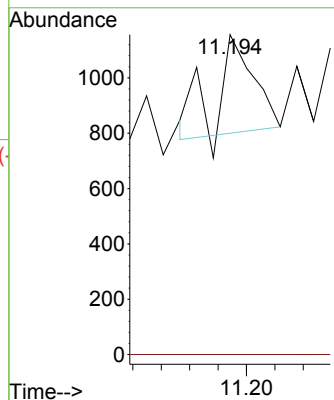


#59
2-Hexanone
Concen: 0.215 ug/l
RT: 11.194 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

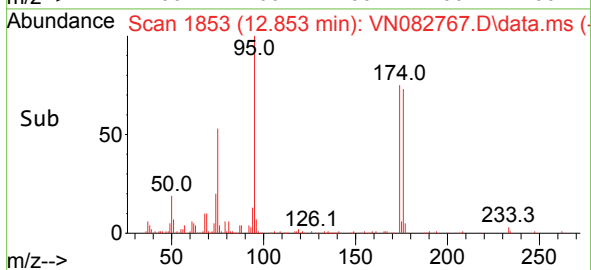
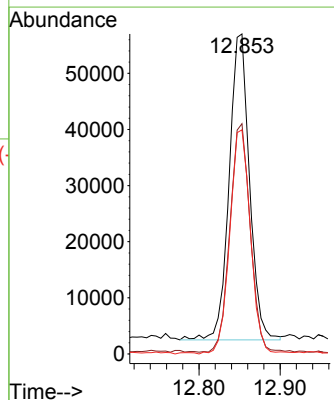
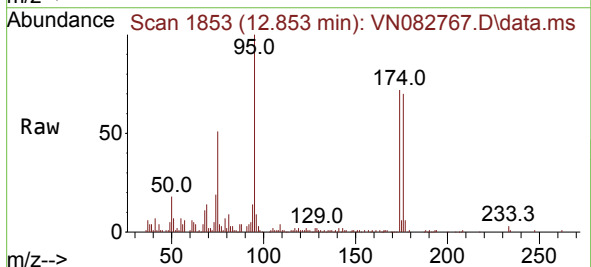


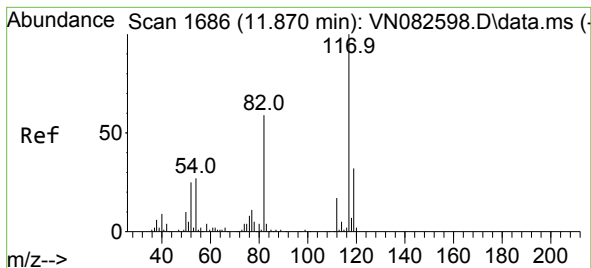
Tgt Ion: 43 Resp: 324
Ion Ratio Lower Upper
43 100
58 0.0 24.6 73.8#



#62
4-Bromofluorobenzene
Concen: 57.576 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

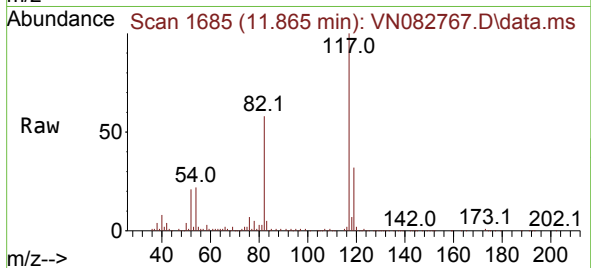
Tgt Ion: 95 Resp: 94741
Ion Ratio Lower Upper
95 100
174 74.7 0.0 159.2
176 74.5 0.0 147.6



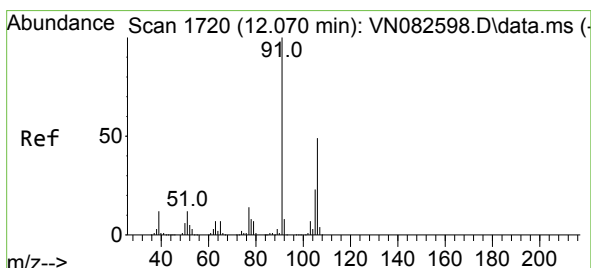
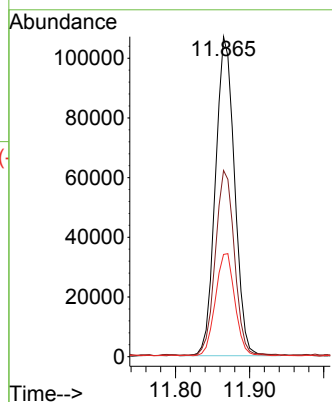
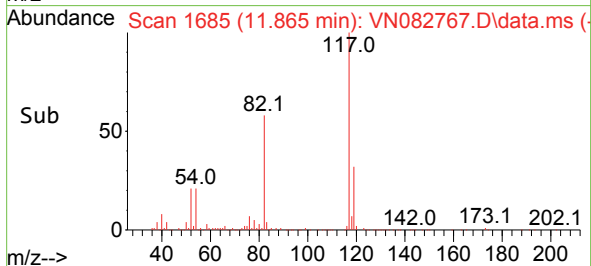


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.005 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

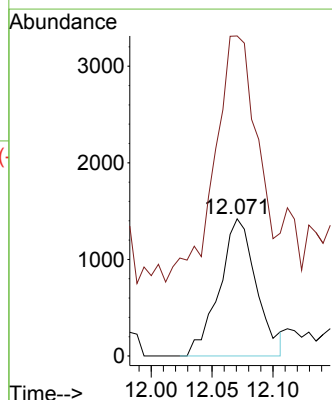
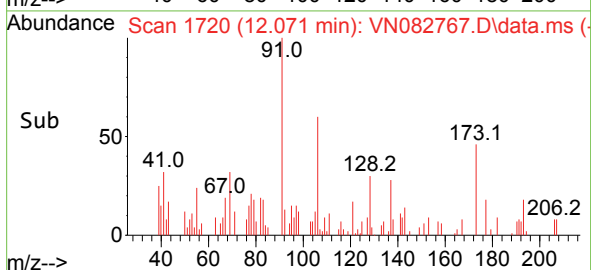
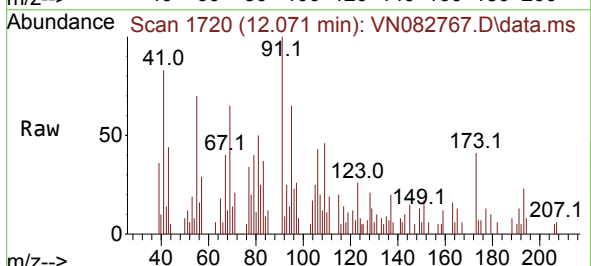


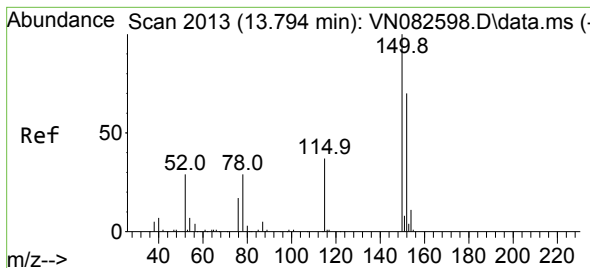
Tgt Ion:117 Resp: 191600
Ion Ratio Lower Upper
117 100
82 57.9 47.5 71.3
119 31.7 25.6 38.4



#68
m/p-Xylenes
Concen: 1.136 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Tgt Ion:106 Resp: 2998
Ion Ratio Lower Upper
106 100
91 211.6 166.1 249.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

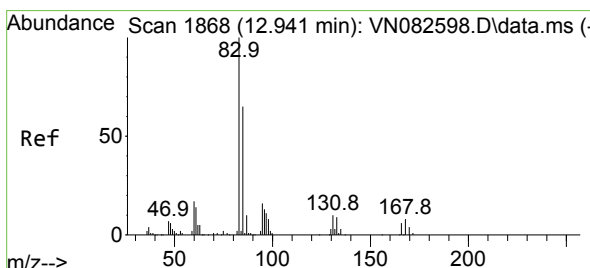
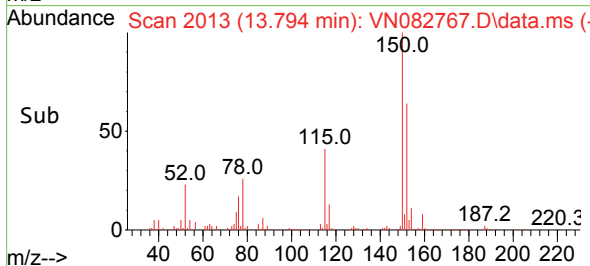
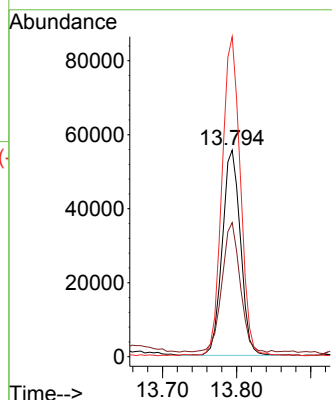
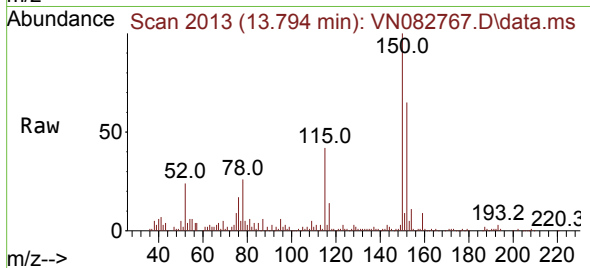
Tgt Ion:152 Resp: 94633

Ion Ratio Lower Upper

152 100

115 63.3 30.6 91.6

150 154.9 0.0 348.6



#75

1,1,2,2-Tetrachloroethane

Concen: 0.318 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.006 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

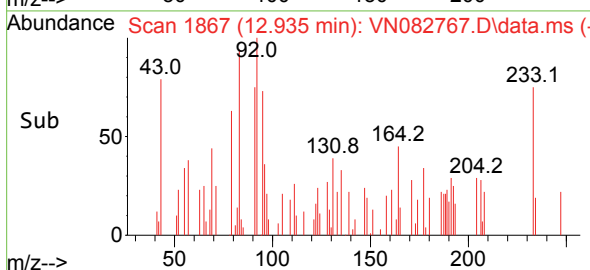
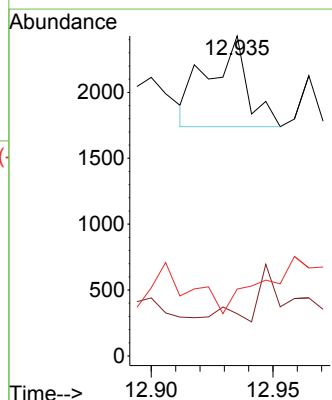
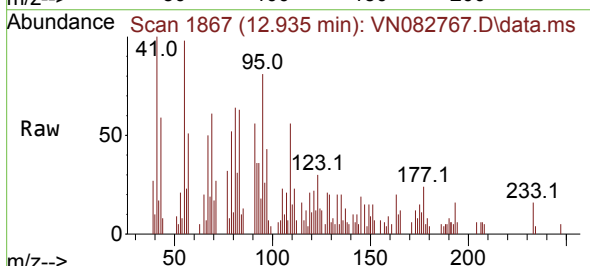
Tgt Ion: 83 Resp: 770

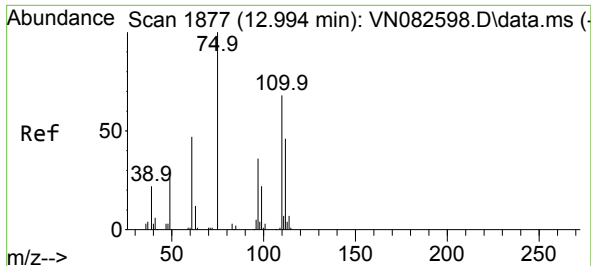
Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

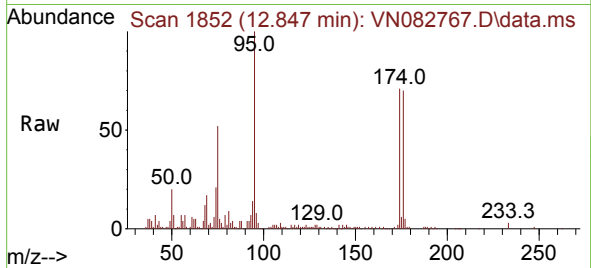
85 0.0 31.9 95.7#



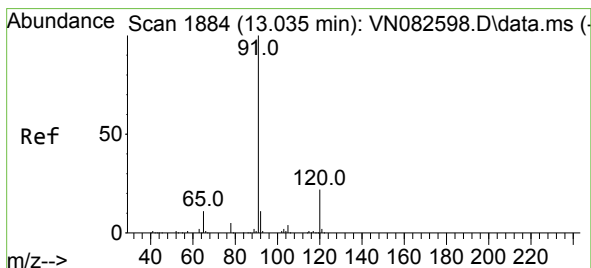
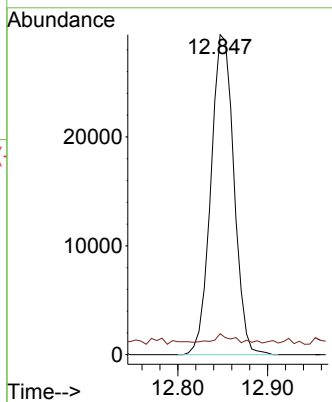
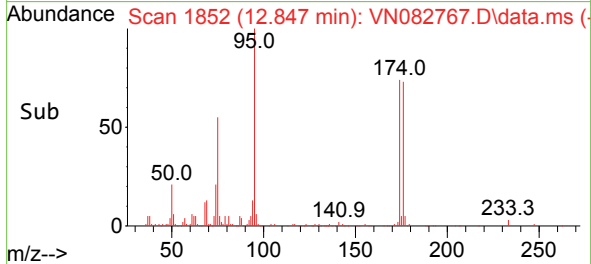


#76
1,2,3-Trichloropropane
Concen: 25.371 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Instrument :
MSVOA_N
ClientSampleId :

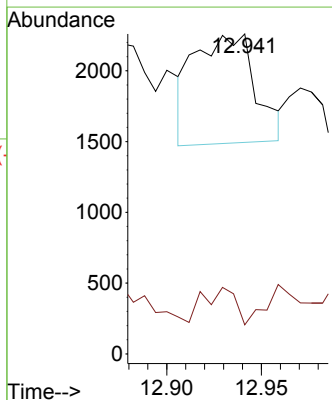
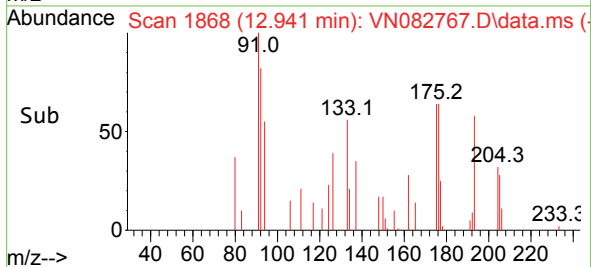
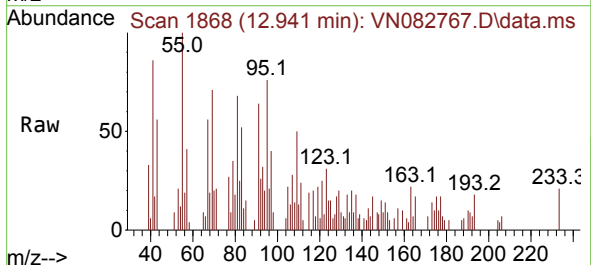


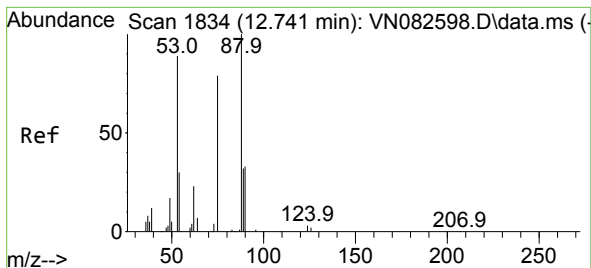
Tgt Ion: 75 Resp: 52369
Ion Ratio Lower Upper
75 100
77 2.3 110.9 332.6#



#78
n-propylbenzene
Concen: 0.212 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. -0.094 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Tgt Ion: 91 Resp: 1728
Ion Ratio Lower Upper
91 100
120 17.7 10.9 32.9

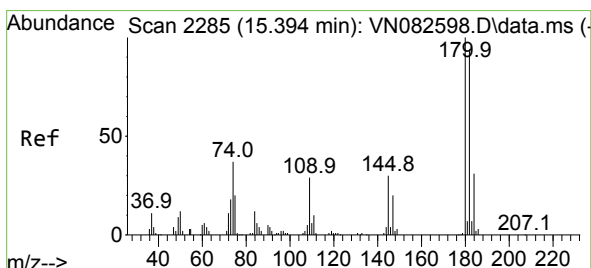
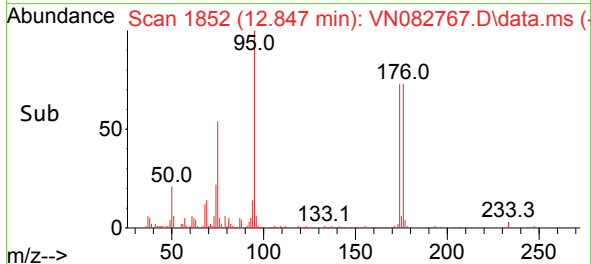
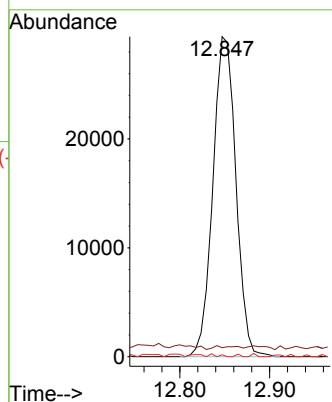
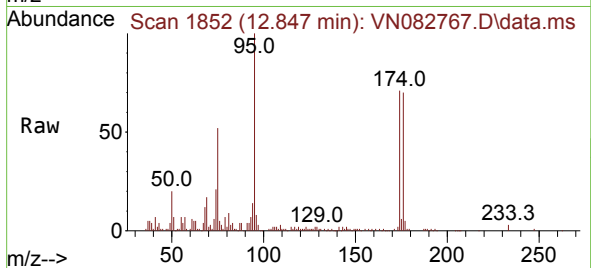




#81
trans-1,4-Dichloro-2-butene
Concen: 66.164 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

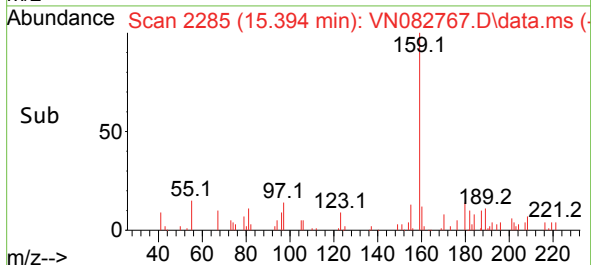
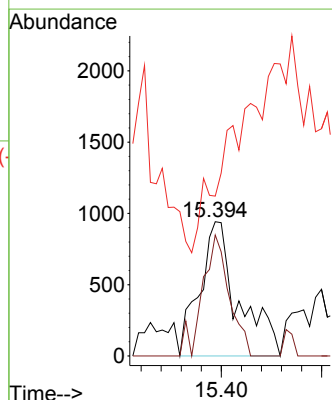
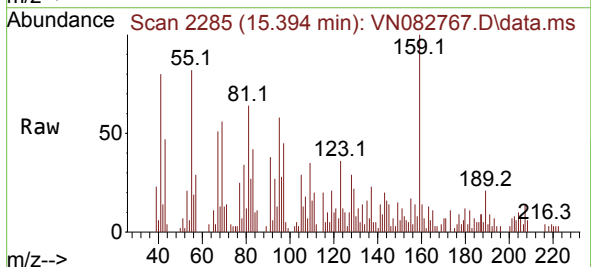
Instrument :
MSVOA_N
ClientSampleId :

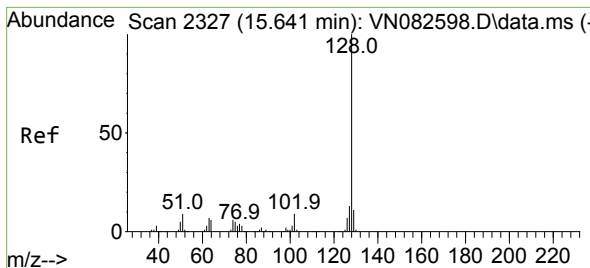
Tgt Ion: 75 Resp: 52369
Ion Ratio Lower Upper
75 100
53 0.4 88.4 132.6#
89 0.3 36.3 54.5#



#93
1,2,4-Trichlorobenzene
Concen: 1.660 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. -0.000 min
Lab File: VN082767.D
Acq: 01 Jul 2024 15:52

Tgt Ion:180 Resp: 2527
Ion Ratio Lower Upper
180 100
182 62.0 47.3 141.8
145 0.0 15.7 47.1#





#95

Naphthalene

Concen: 1.399 ug/l

RT: 15.629 min Scan# 21

Delta R.T. -0.012 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

Instrument :

MSVOA_N

ClientSampleId :

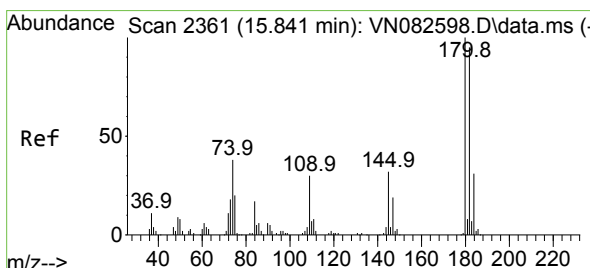
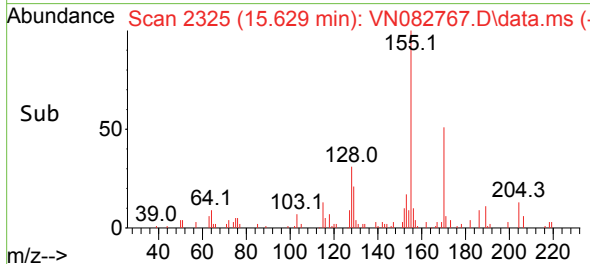
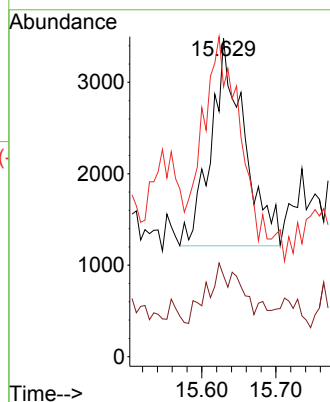
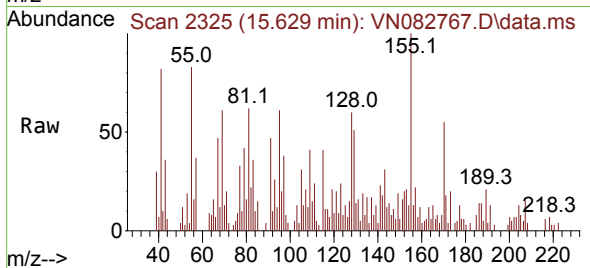
Tgt Ion:128 Resp: 7077

Ion Ratio Lower Upper

128 100

127 16.8 10.6 16.0#

129 101.5 8.6 12.8#



#96

1,2,3-Trichlorobenzene

Concen: 0.321 ug/l

RT: 15.923 min Scan# 2375

Delta R.T. 0.082 min

Lab File: VN082767.D

Acq: 01 Jul 2024 15:52

Tgt Ion:180 Resp: 522

Ion Ratio Lower Upper

180 100

182 90.6 48.9 146.8

145 43.9 16.8 50.4

