

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062024\
 Data File : VN082668.D
 Acq On : 20 Jun 2024 15:12
 Operator : JC\MD
 Sample : P2993-03 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 21 02:07:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

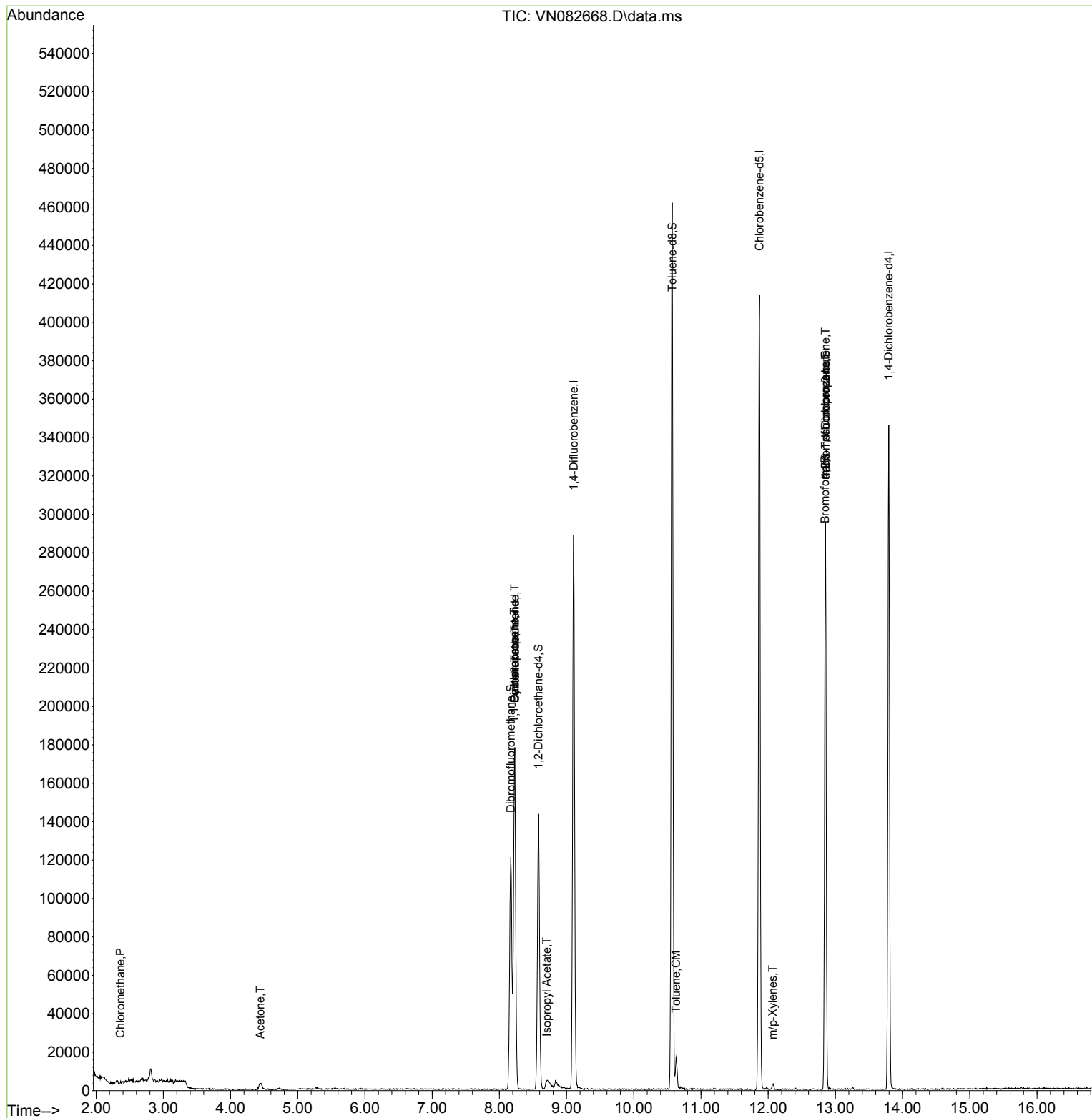
Internal Standards						
1) Pentafluorobenzene	8.230	168	122491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	226417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	221741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	86473	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	114490	58.285	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.580%			
35) Dibromofluoromethane	8.171	113	84704	55.146	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.300%			
50) Toluene-d8	10.571	98	299433	51.550	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.100%			
62) 4-Bromofluorobenzene	12.853	95	92170	46.025	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 92.060%			
Target Compounds						Qvalue
3) Chloromethane	2.359	50	483	0.236	ug/l	98
16) Acetone	4.442	43	7780	8.709	ug/l	94
31) Cyclohexane	8.230	56	3671	1.295	ug/l #	35
36) 1,1-Dichloropropene	8.224	75	11727	5.107	ug/l #	44
38) Carbon Tetrachloride	8.230	117	13084	5.056	ug/l #	20
43) Isopropyl Acetate	8.706	43	4122	0.754	ug/l #	60
52) Toluene	10.629	92	6657	1.548	ug/l	99
68) m/p-Xylenes	12.070	106	1217	0.378	ug/l	96
71) Bromoform	12.847	173	748	0.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	53428	25.262	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.853	75	53428	60.436	ug/l #	6

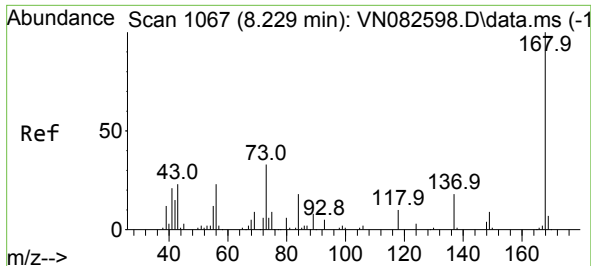
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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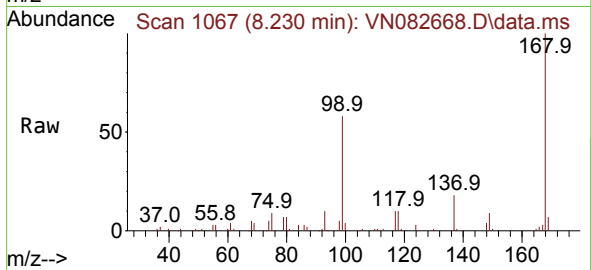
Quant Time: Jun 21 02:07:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 18 04:52:44 2024
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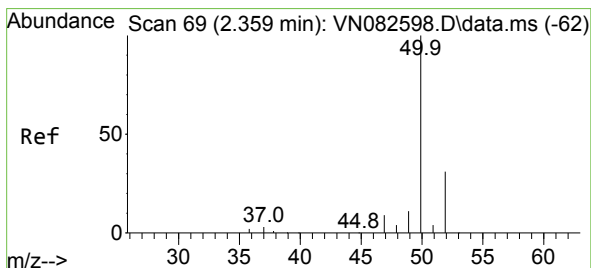
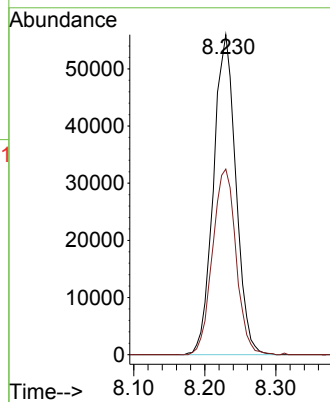
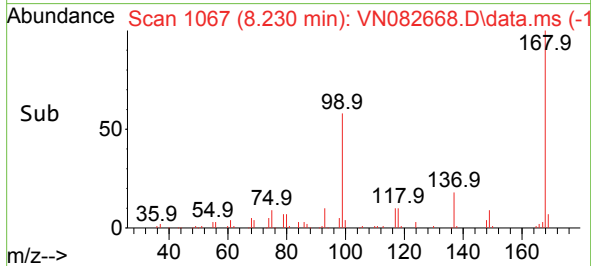


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Instrument :
MSVOA_N
ClientSampleId :

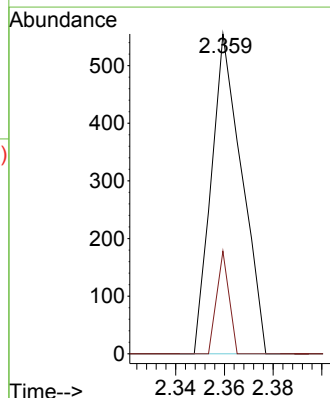
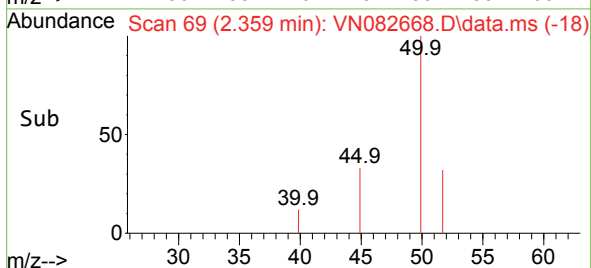
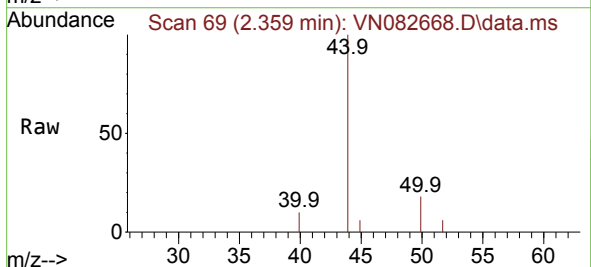


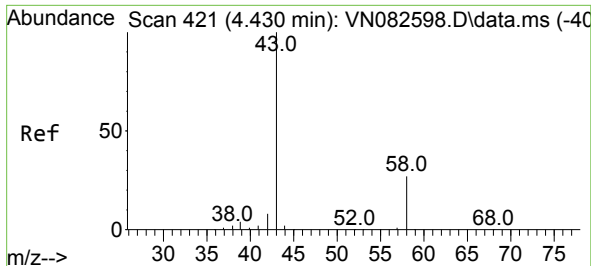
Tgt Ion:168 Resp: 122491
Ion Ratio Lower Upper
168 100
99 58.0 48.2 72.4



#3
Chloromethane
Concen: 0.236 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 50 Resp: 483
Ion Ratio Lower Upper
50 100
52 32.1 25.0 37.4

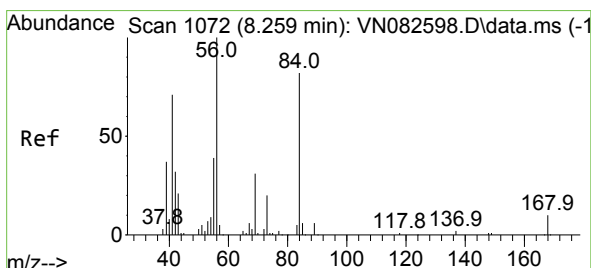
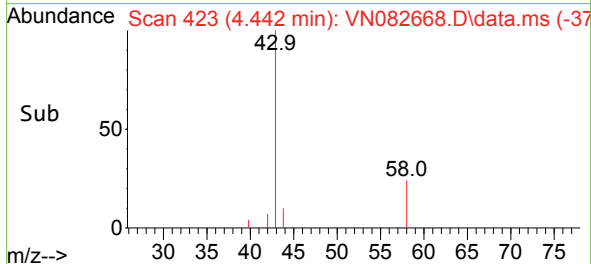
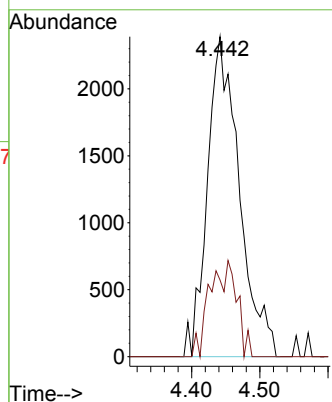
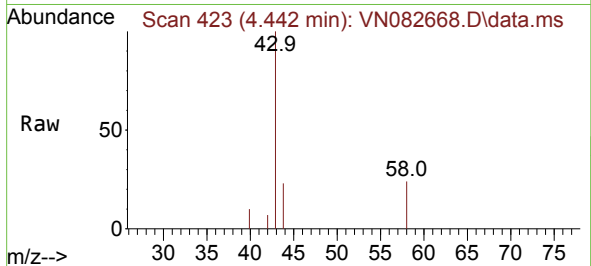




#16
Acetone
Concen: 8.709 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

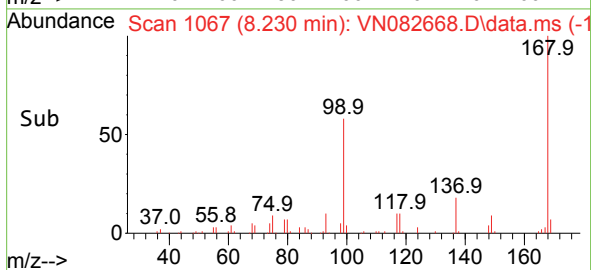
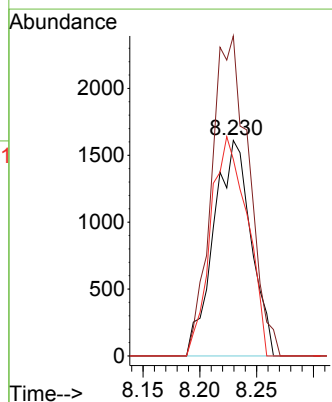
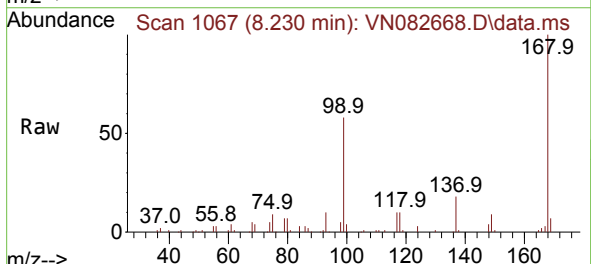
Instrument :
MSVOA_N
ClientSampleId :

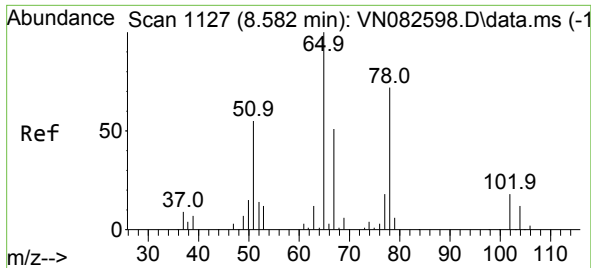
Tgt Ion: 43 Resp: 7780
Ion Ratio Lower Upper
43 100
58 23.9 21.8 32.6



#31
Cyclohexane
Concen: 1.295 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.029 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 56 Resp: 3671
Ion Ratio Lower Upper
56 100
69 148.5 24.5 36.7#
84 91.2 66.0 99.0





#33

1,2-Dichloroethane-d4

Concen: 58.285 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

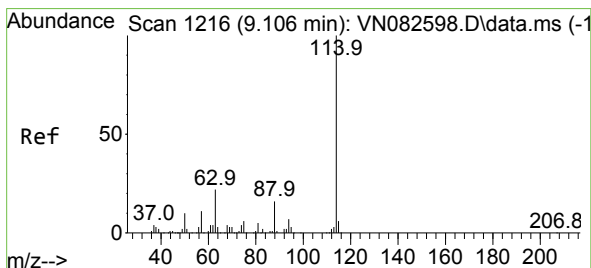
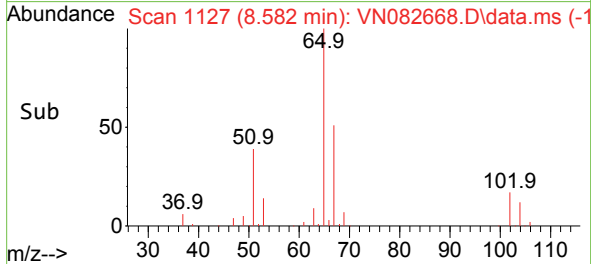
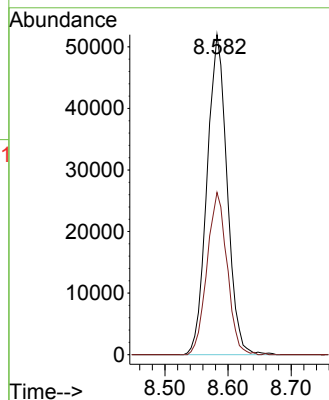
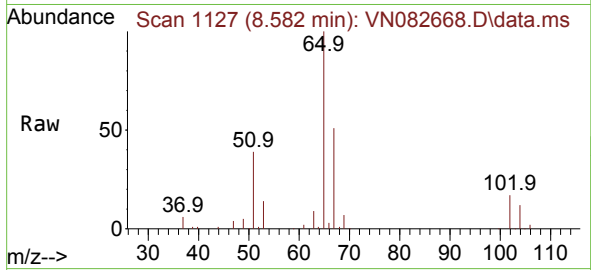
ClientSampleId :

Tgt Ion: 65 Resp: 114490

Ion Ratio Lower Upper

65 100

67 50.7 0.0 104.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

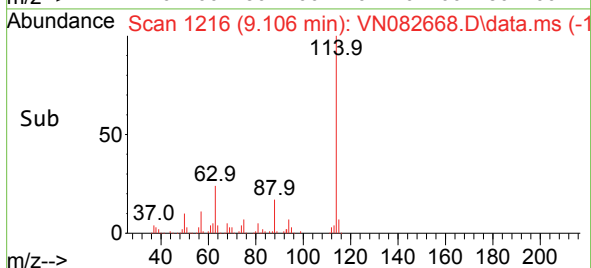
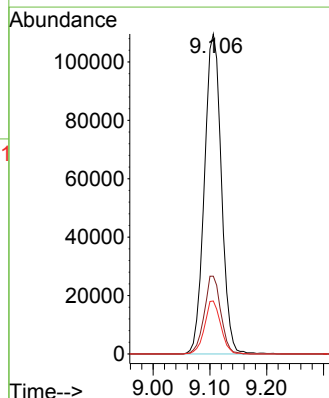
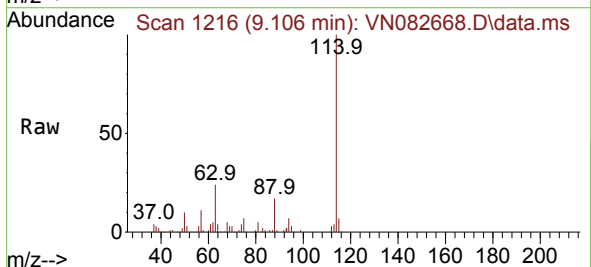
Tgt Ion: 114 Resp: 226417

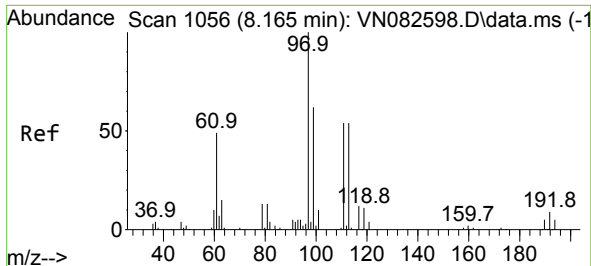
Ion Ratio Lower Upper

114 100

63 24.3 0.0 44.6

88 16.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 55.146 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

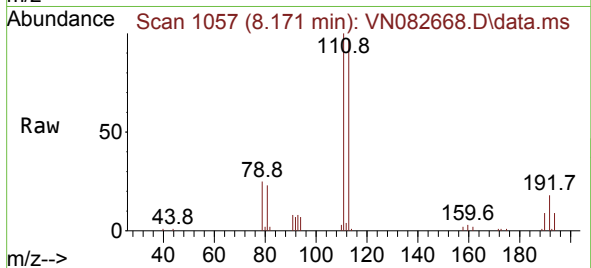
Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :



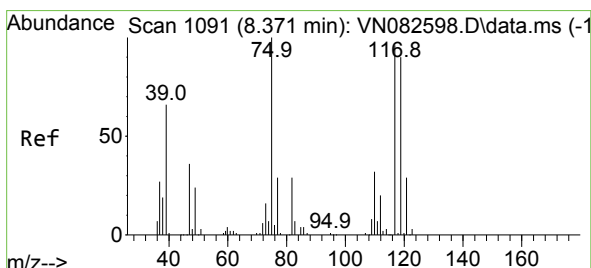
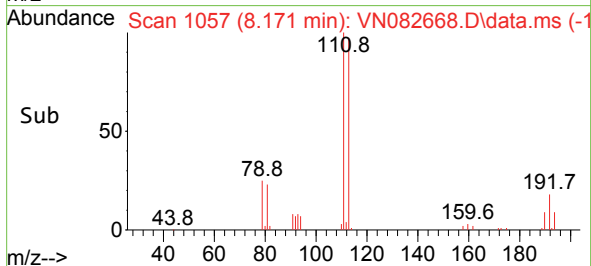
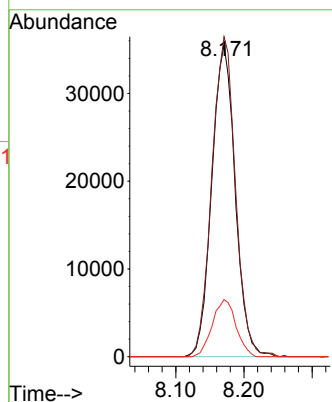
Tgt Ion:113 Resp: 84704

Ion Ratio Lower Upper

113 100

111 104.0 82.4 123.6

192 18.6 14.9 22.3



#36

1,1-Dichloropropene

Concen: 5.107 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

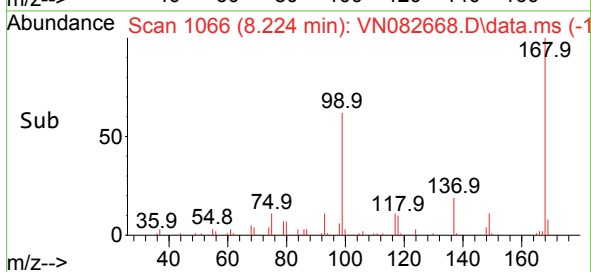
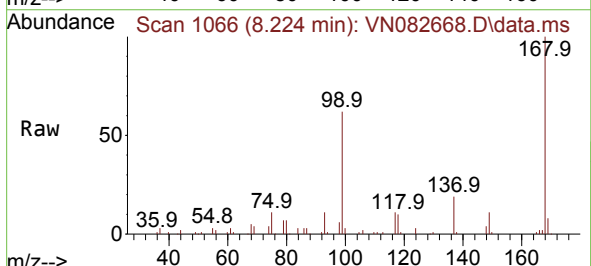
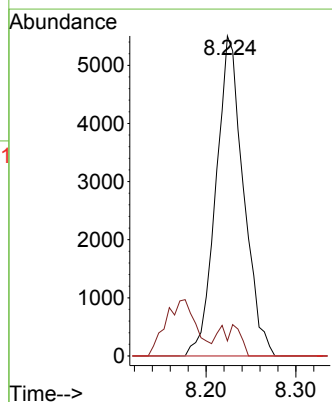
Tgt Ion: 75 Resp: 11727

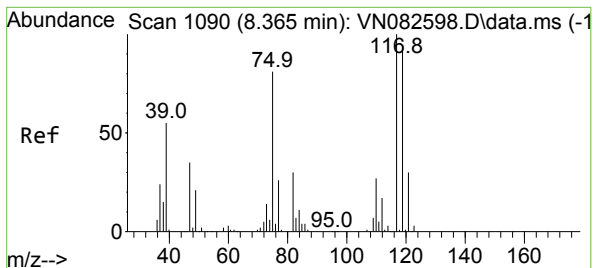
Ion Ratio Lower Upper

75 100

110 1.6 16.3 48.9#

77 0.0 24.6 37.0#





#38

Carbon Tetrachloride

Concen: 5.056 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.135 min

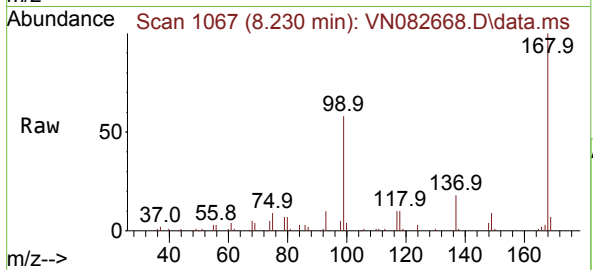
Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

Instrument :

MSVOA_N

ClientSampleId :



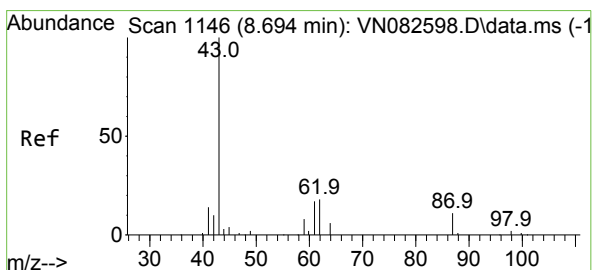
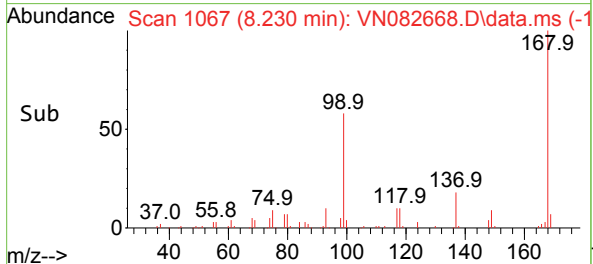
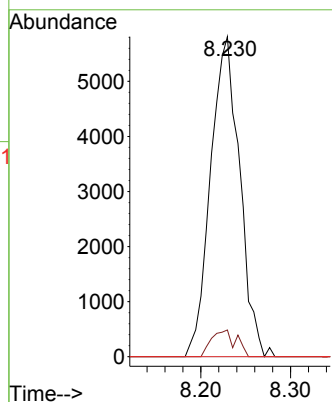
Tgt Ion:117 Resp: 13084

Ion Ratio Lower Upper

117 100

119 8.3 74.9 112.3#

121 0.0 24.3 36.5#



#43

Isopropyl Acetate

Concen: 0.754 ug/l

RT: 8.706 min Scan# 1148

Delta R.T. 0.012 min

Lab File: VN082668.D

Acq: 20 Jun 2024 15:12

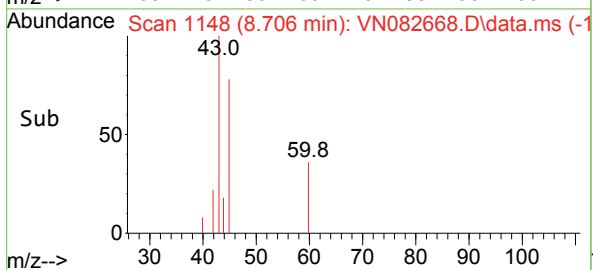
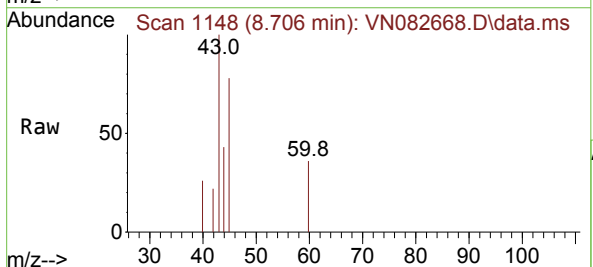
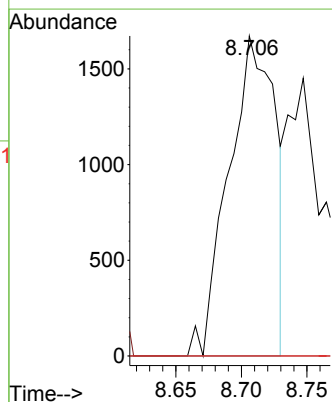
Tgt Ion: 43 Resp: 4122

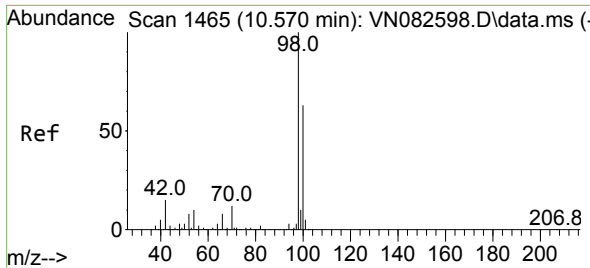
Ion Ratio Lower Upper

43 100

61 0.0 17.8 26.6#

87 0.0 8.2 12.2#

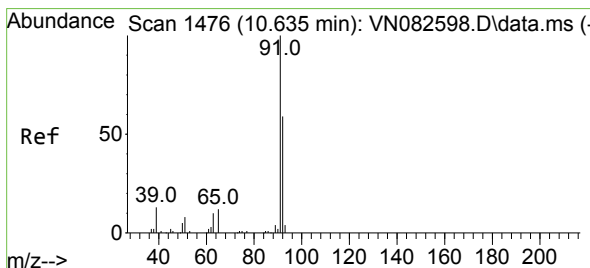
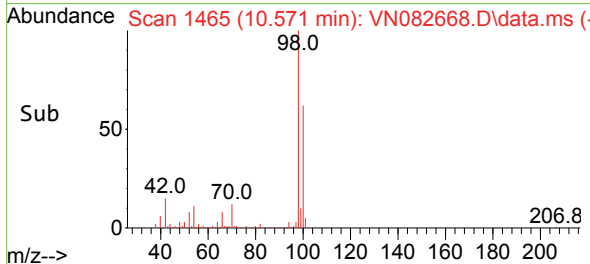
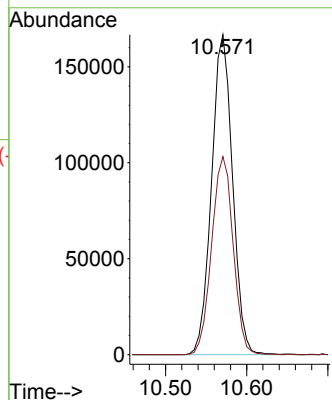
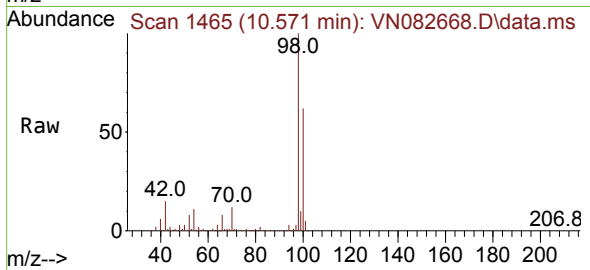




#50
Toluene-d8
Concen: 51.550 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

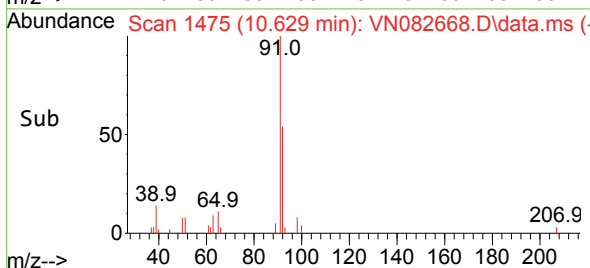
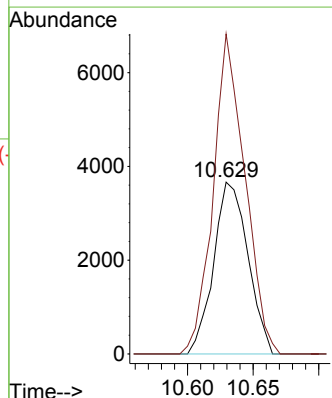
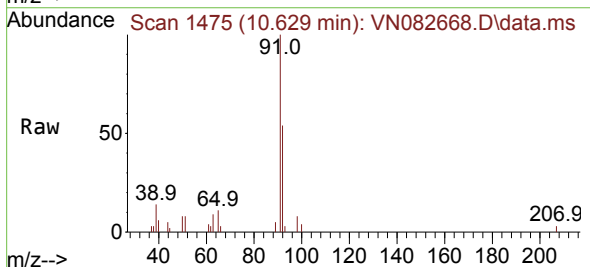
Instrument :
MSVOA_N
ClientSampleId :

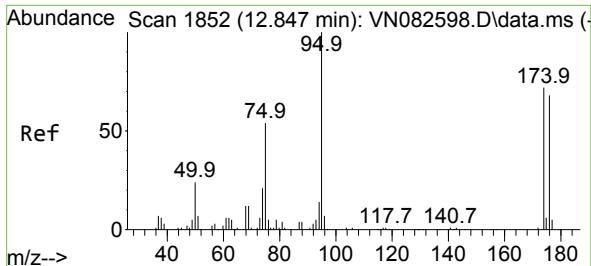
Tgt Ion: 98 Resp: 299433
Ion Ratio Lower Upper
98 100
100 63.4 51.5 77.3



#52
Toluene
Concen: 1.548 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 92 Resp: 6657
Ion Ratio Lower Upper
92 100
91 172.7 139.4 209.0

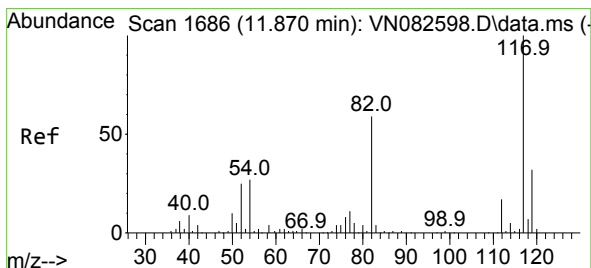
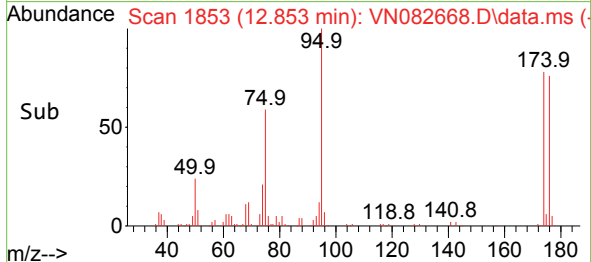
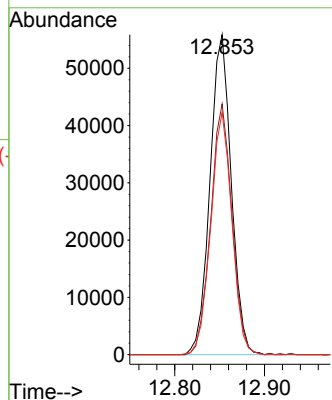
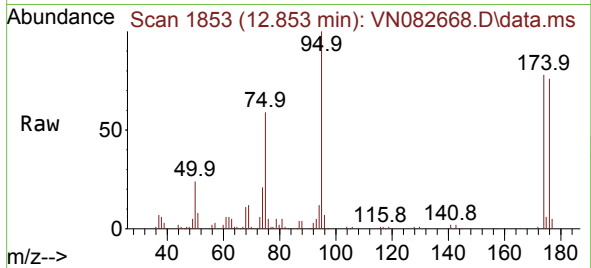




#62
4-Bromofluorobenzene
Concen: 46.025 ug/l
RT: 12.853 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

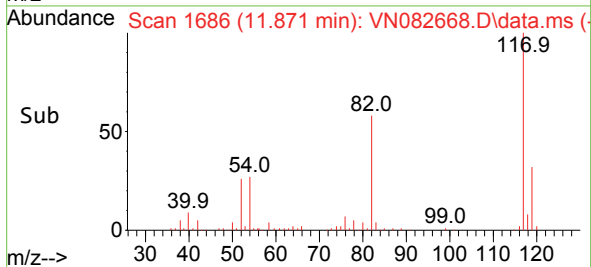
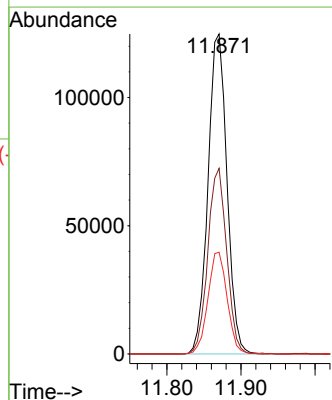
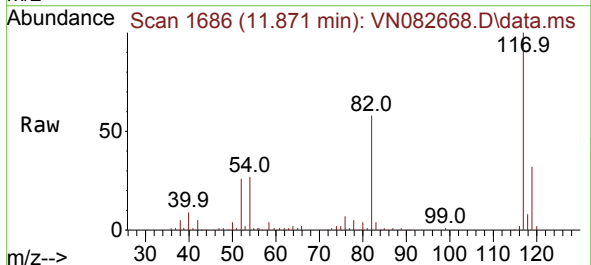
Instrument :
MSVOA_N
ClientSampleId :

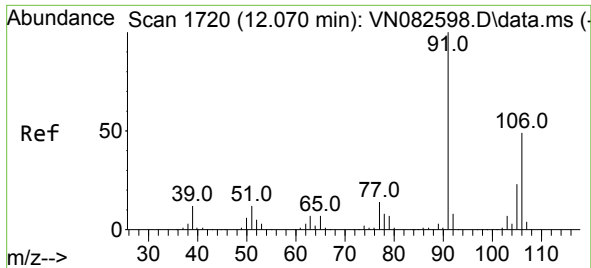
Tgt Ion: 95 Resp: 92170
Ion Ratio Lower Upper
95 100
174 78.3 0.0 159.2
176 75.0 0.0 147.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion: 117 Resp: 221741
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 31.8 25.6 38.4

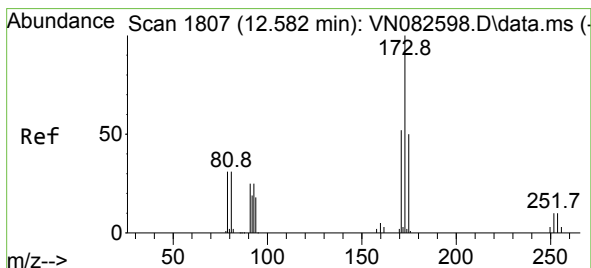
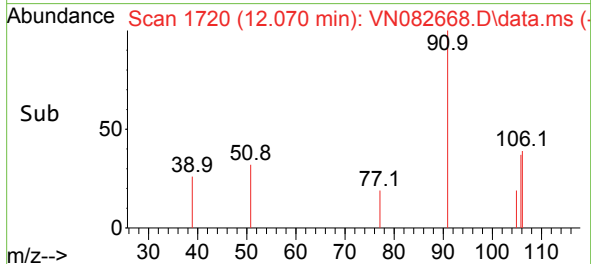
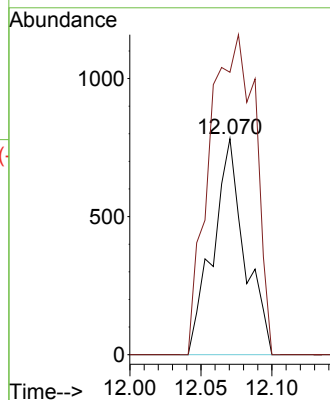
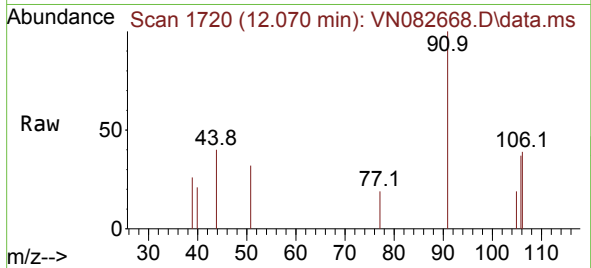




#68
m/p-Xylenes
Concen: 0.378 ug/l
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

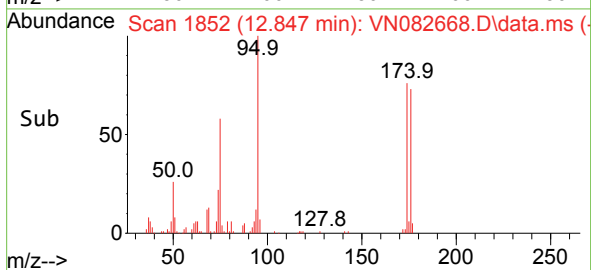
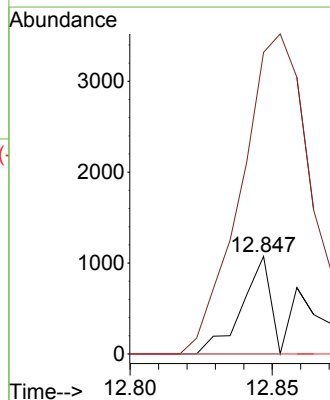
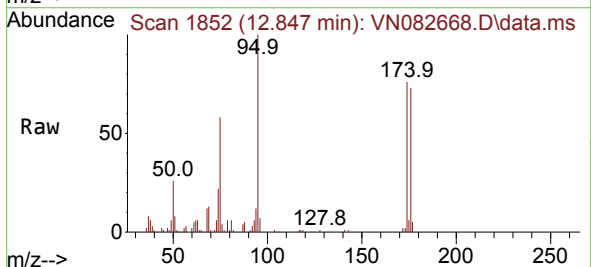
Instrument :
MSVOA_N
ClientSampleId :

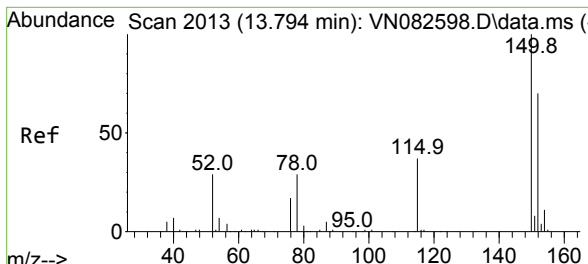
Tgt Ion:106 Resp: 1217
Ion Ratio Lower Upper
106 100
91 213.4 166.1 249.1



#71
Bromoform
Concen: 0.522 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.265 min
Lab File: VN082668.D
Acq: 20 Jun 2024 15:12

Tgt Ion:173 Resp: 748
Ion Ratio Lower Upper
173 100
175 667.2 24.0 72.0#
254 0.0 0.0 0.0

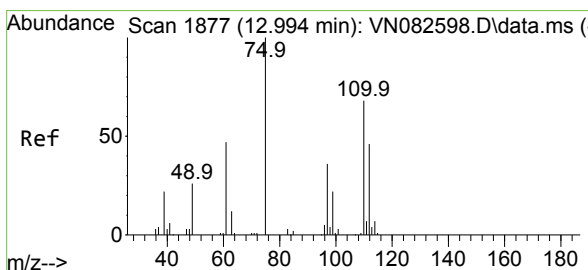
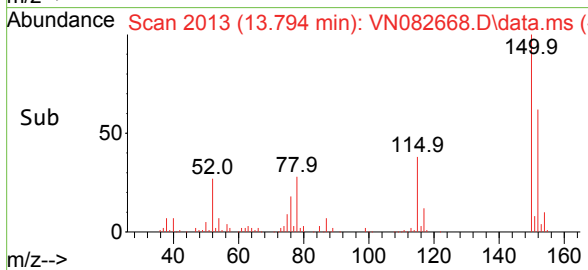
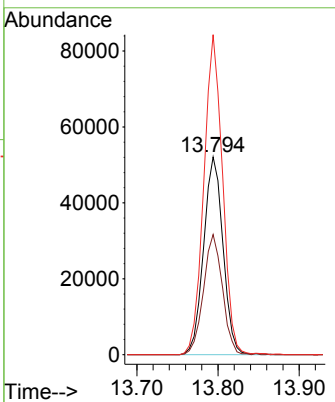
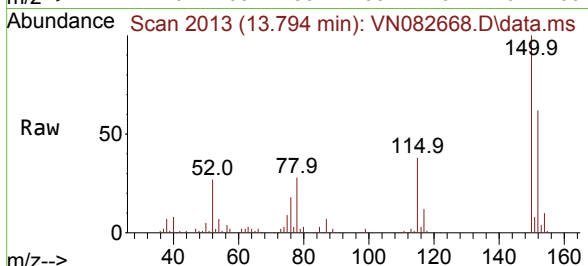




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 2013
 Delta R.T. 0.000 min
 Lab File: VN082668.D
 Acq: 20 Jun 2024 15:12

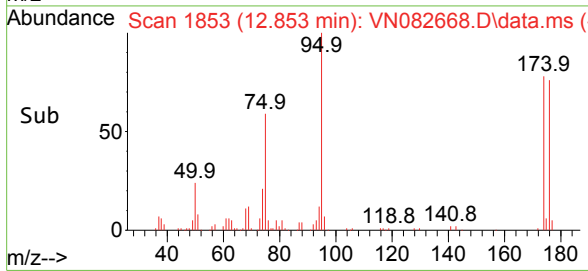
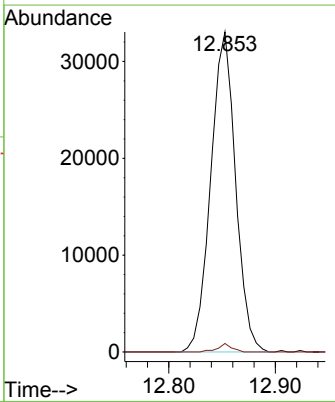
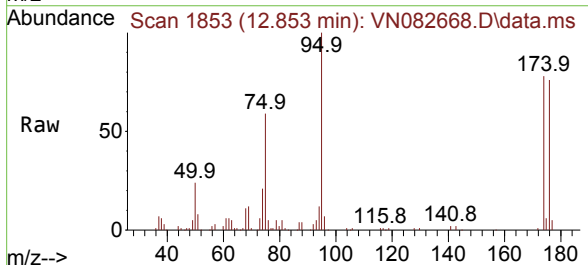
Instrument :
 MSVOA_N
 ClientSampleId :

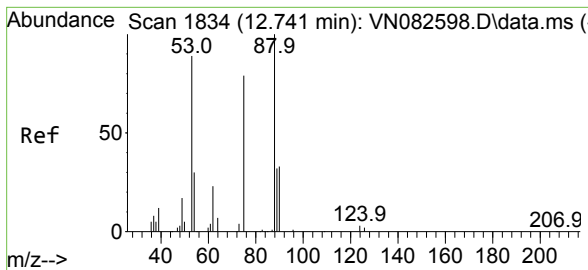
Tgt Ion:	152	Resp:	86473
Ion Ratio	Lower	Upper	
152	100		
115	59.4	30.6	91.6
150	156.0	0.0	348.6



#76
 1,2,3-Trichloropropane
 Concen: 25.262 ug/l
 RT: 12.853 min Scan# 1853
 Delta R.T. -0.141 min
 Lab File: VN082668.D
 Acq: 20 Jun 2024 15:12

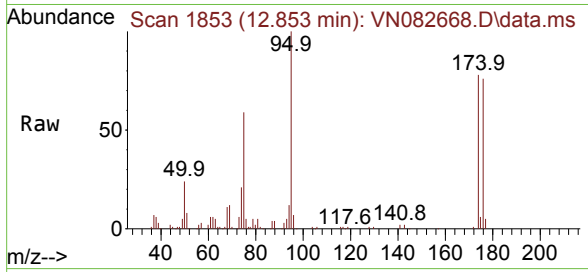
Tgt Ion:	75	Resp:	53428
Ion Ratio	Lower	Upper	
75	100		
77	1.5	110.9	332.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 60.436 ug/l
 RT: 12.853 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN082668.D
 Acq: 20 Jun 2024 15:12

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.4	132.6#
89	0.0	36.3	54.5#

