

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051524\
 Data File : VN082135.D
 Acq On : 15 May 2024 16:12
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 16 05:01:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 04:51:03 2024
 Response via : Initial Calibration

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

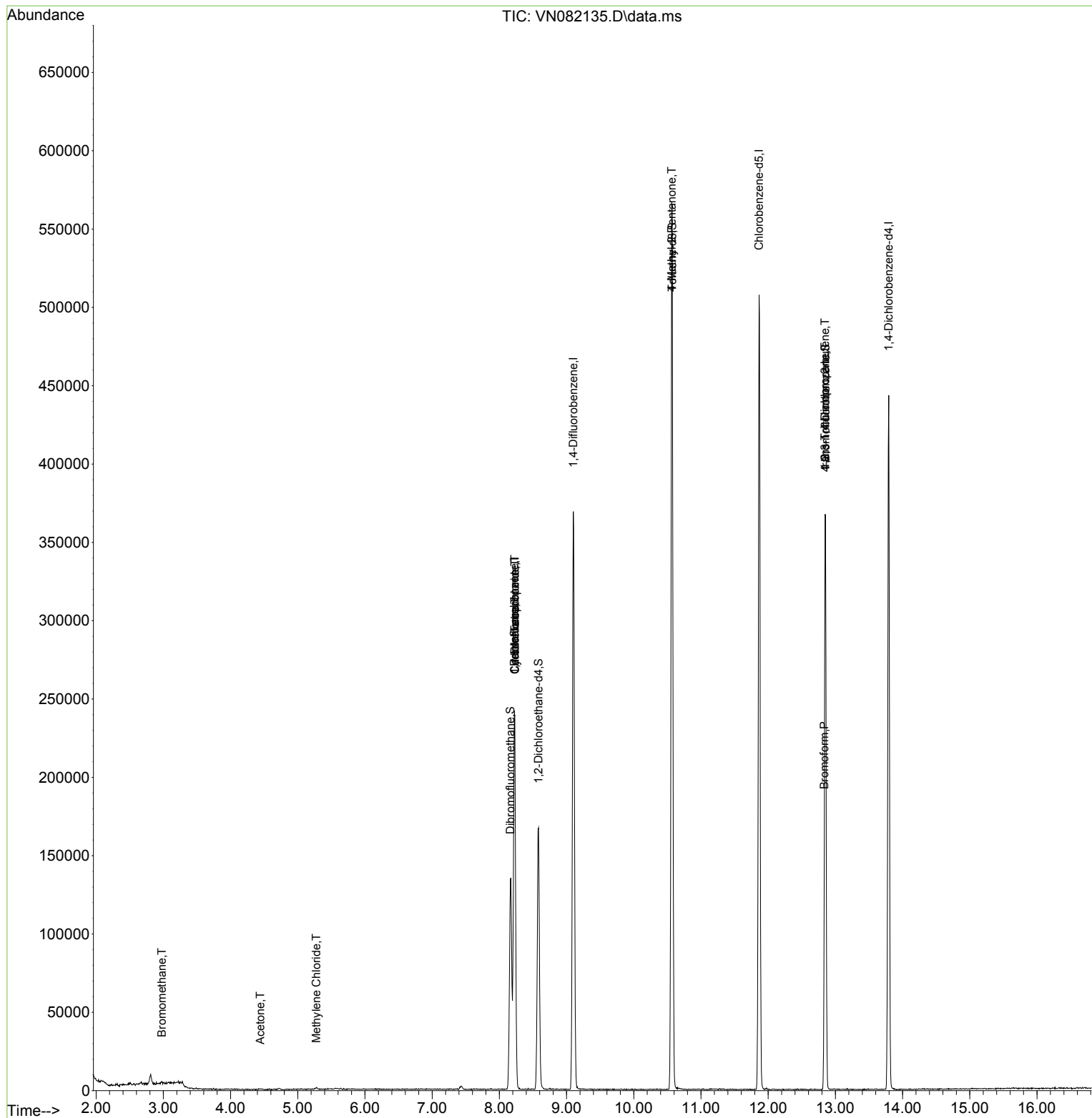
Internal Standards						
1) Pentafluorobenzene	8.224	168	168504	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292388	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	136537	51.316	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.640%			
35) Dibromofluoromethane	8.165	113	95213	52.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.880%			
50) Toluene-d8	10.571	98	368719	53.470	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.940%			
62) 4-Bromofluorobenzene	12.853	95	120724	49.049	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 98.100%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.977	94	379	0.255	ug/l	97
16) Acetone	4.442	43	556	0.509	ug/l #	43
20) Methylene Chloride	5.277	84	515	0.234	ug/l #	51
31) Cyclohexane	8.230	56	5016	1.180	ug/l #	44
36) 1,1-Dichloropropene	8.230	75	15815	5.243	ug/l #	50
38) Carbon Tetrachloride	8.230	117	17724	5.796	ug/l #	15
51) 4-Methyl-2-Pentanone	10.565	43	2149	0.632	ug/l #	1
71) Bromoform	12.835	173	154	0.800	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72117	31.435	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72117	77.188	ug/l #	12

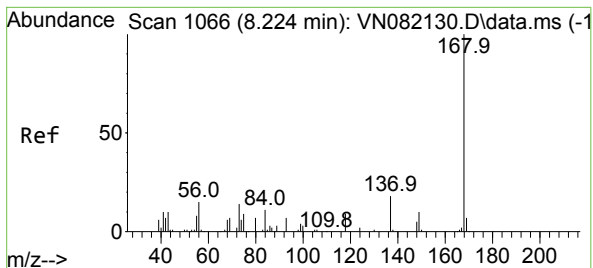
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 04:51:03 2024
Response via : Initial Calibration

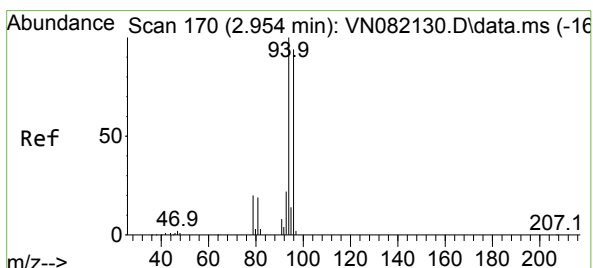
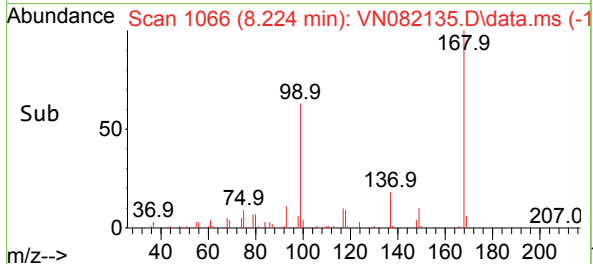
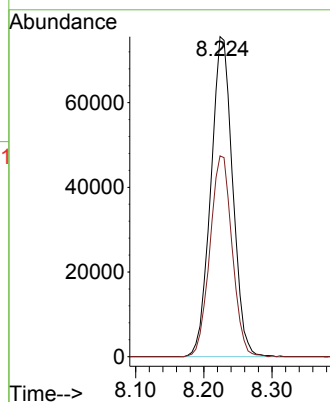
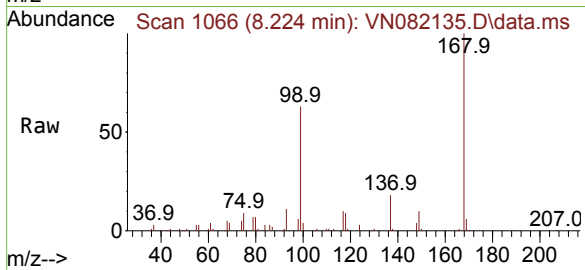




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

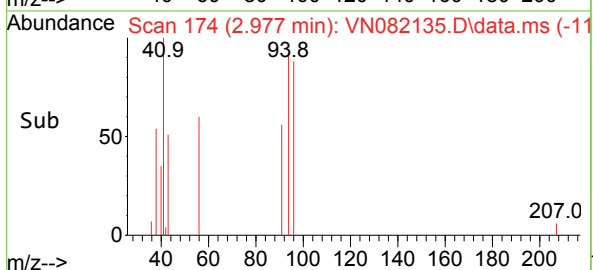
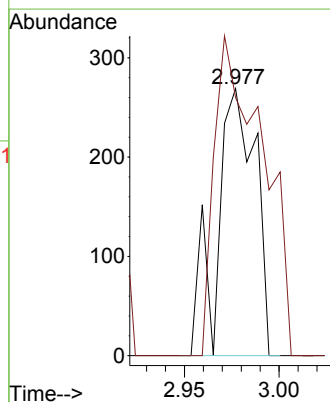
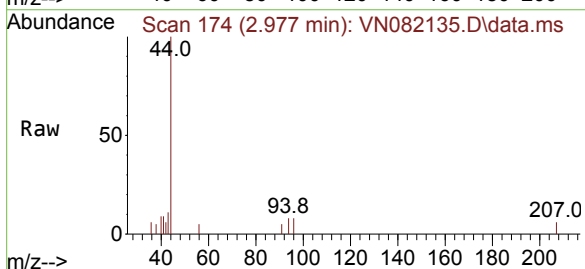
Instrument :
MSVOA_N
ClientSampleId :
IBLK

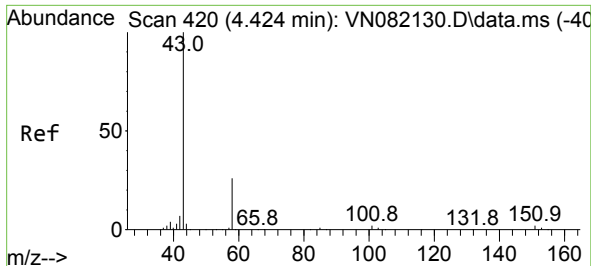
Tgt Ion:168 Resp: 168504
Ion Ratio Lower Upper
168 100
99 62.8 48.2 72.4



#5
Bromomethane
Concen: 0.255 ug/l
RT: 2.977 min Scan# 174
Delta R.T. 0.024 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 94 Resp: 379
Ion Ratio Lower Upper
94 100
96 96.7 74.8 112.2

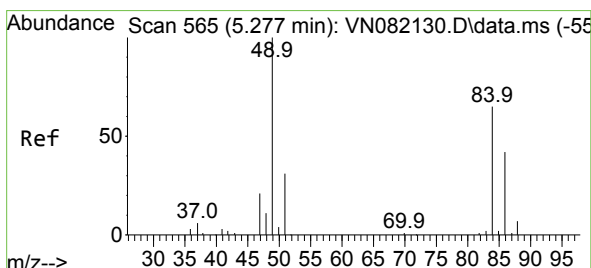
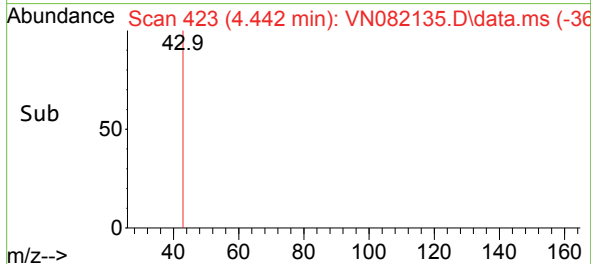
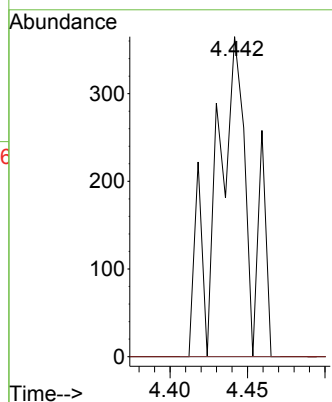
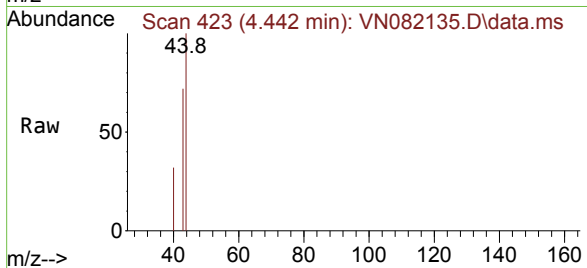




#16
Acetone
Concen: 0.509 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

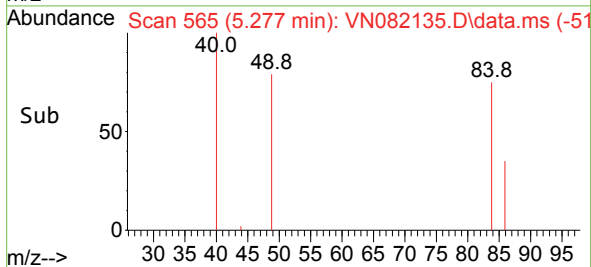
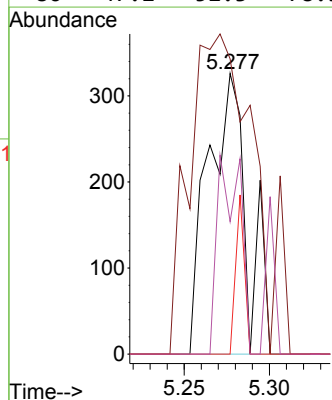
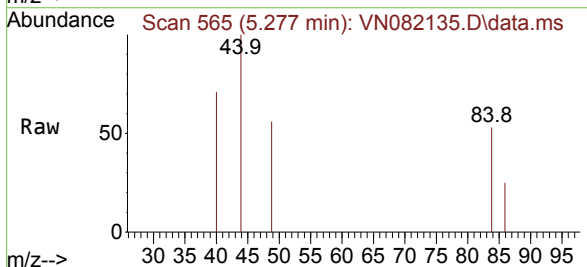
Instrument :
MSVOA_N
ClientSampleId :
IBLK

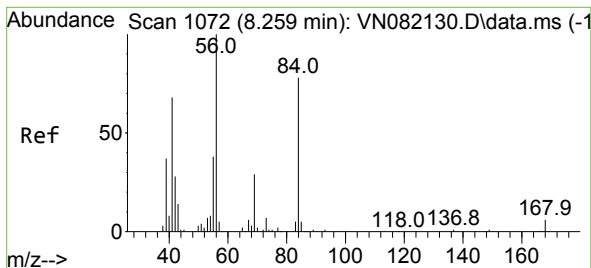
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 0.0 25.2 37.8#



#20
Methylene Chloride
Concen: 0.234 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 84 Resp: 515
Ion Ratio Lower Upper
84 100
49 41.7 84.9 127.3#
51 0.0 27.0 40.6#
86 47.2 52.3 78.5#





#31

Cyclohexane

Concen: 1.180 ug/l

RT: 8.230 min Scan# 1072

Delta R.T. -0.029 min

Lab File: VN082135.D

Acq: 15 May 2024 16:12

Instrument :

MSVOA_N

ClientSampleId :

IBLK

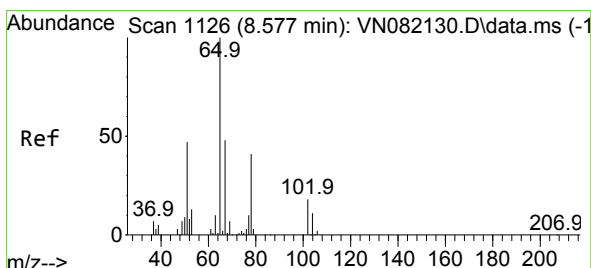
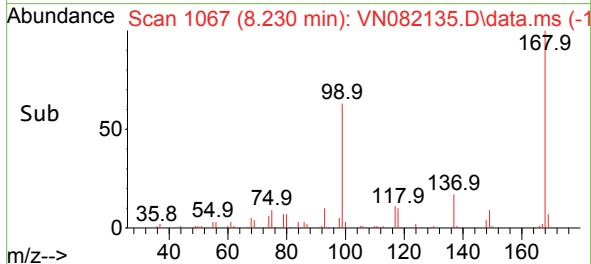
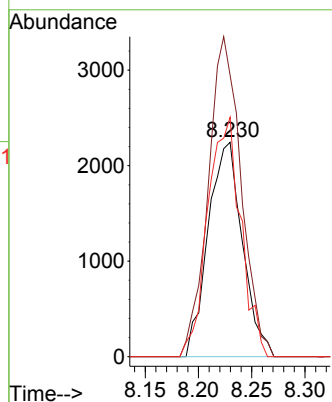
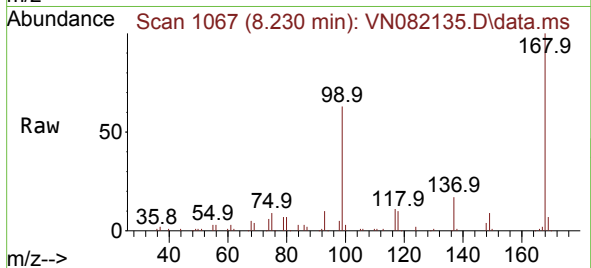
Tgt Ion: 56 Resp: 5016

Ion Ratio Lower Upper

56 100

69 131.2 24.4 36.6#

84 111.7 77.0 115.4



#33

1,2-Dichloroethane-d4

Concen: 51.316 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN082135.D

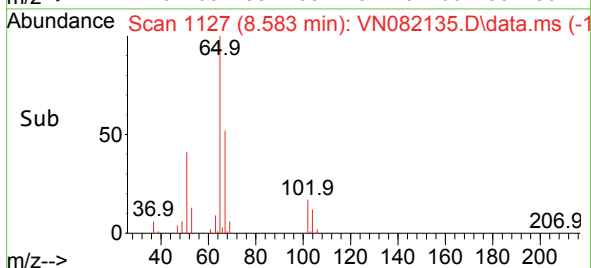
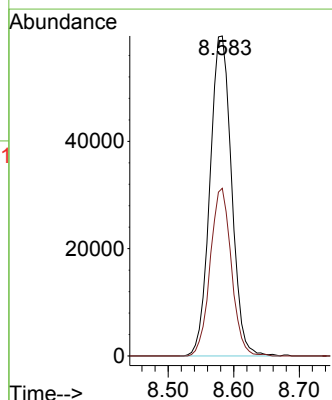
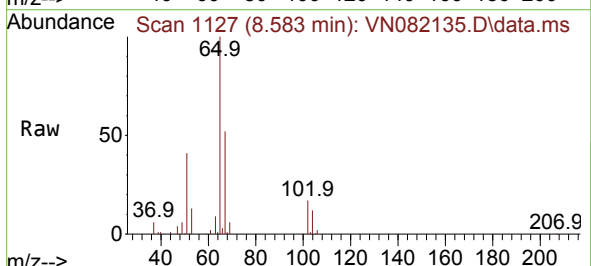
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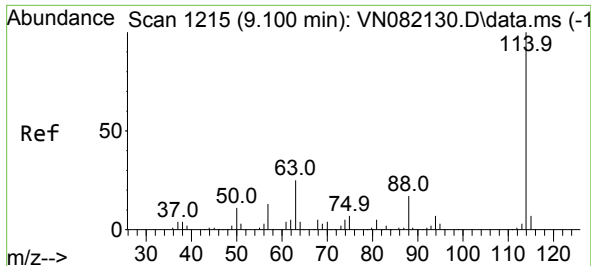
Tgt Ion: 65 Resp: 136537

Ion Ratio Lower Upper

65 100

67 51.3 0.0 103.0

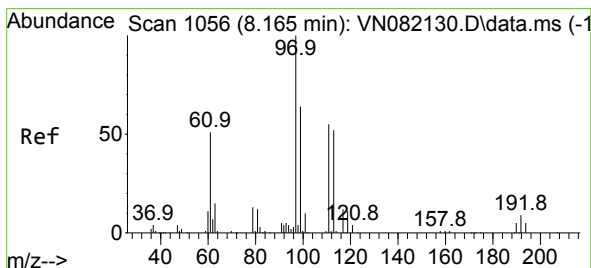
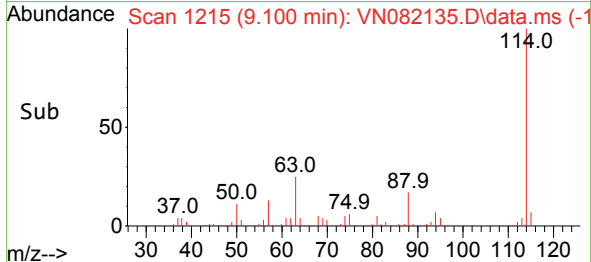
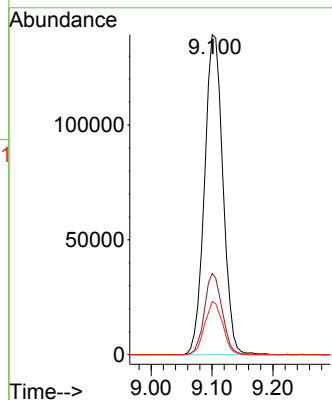
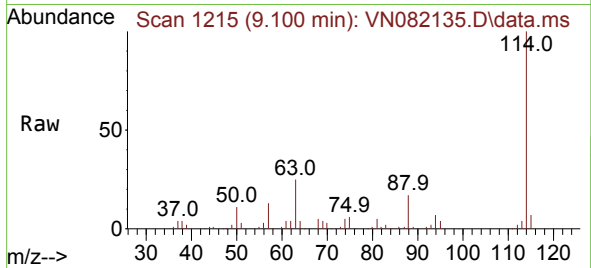




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 114
Delta R.T. 0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

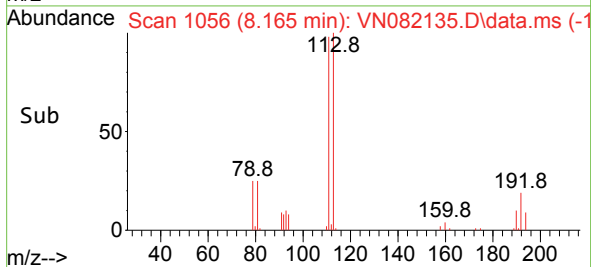
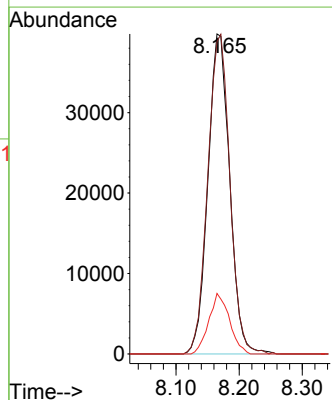
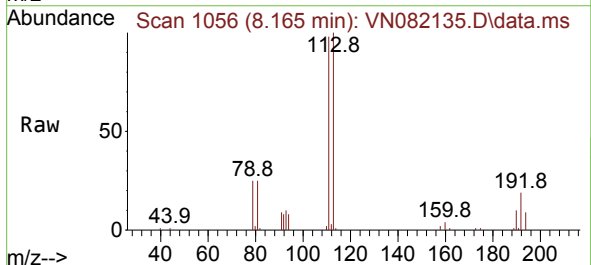
Instrument :
MSVOA_N
ClientSampleId :
IBLK

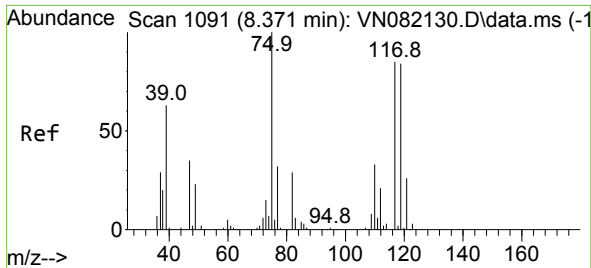
Tgt Ion:114 Resp: 292388
Ion Ratio Lower Upper
114 100
63 25.4 0.0 41.0
88 16.6 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.936 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion:113 Resp: 95213
Ion Ratio Lower Upper
113 100
111 101.5 83.4 125.2
192 18.0 14.0 21.0

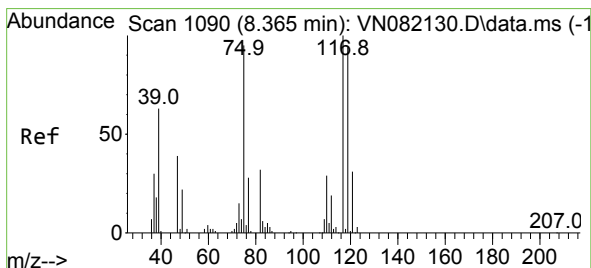
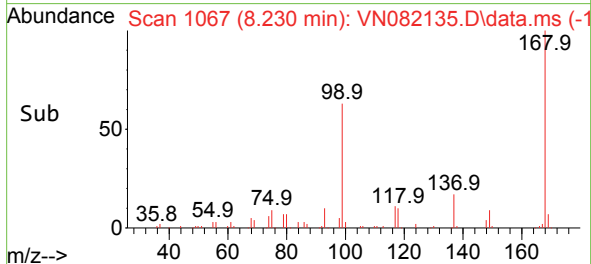
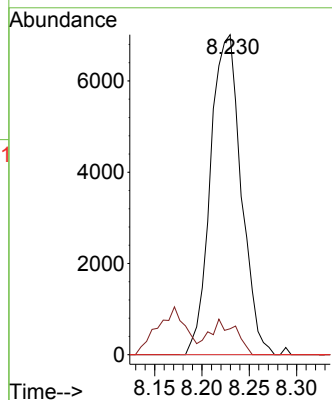
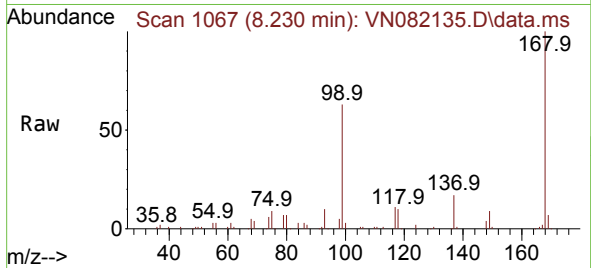




#36
1,1-Dichloropropene
Concen: 5.243 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

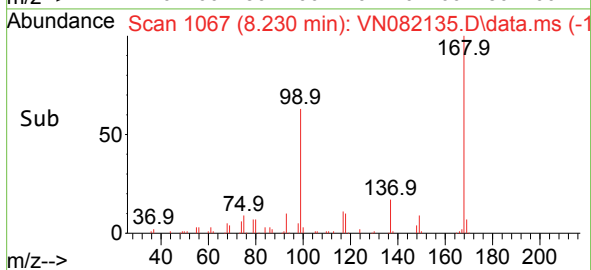
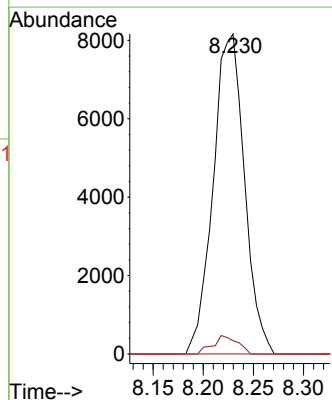
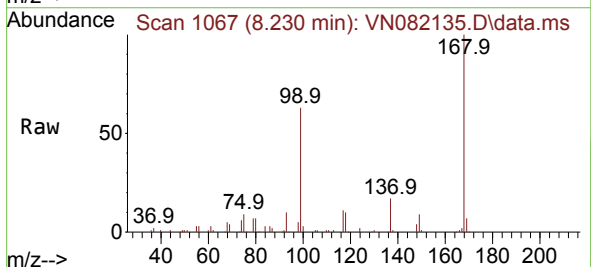
Instrument :
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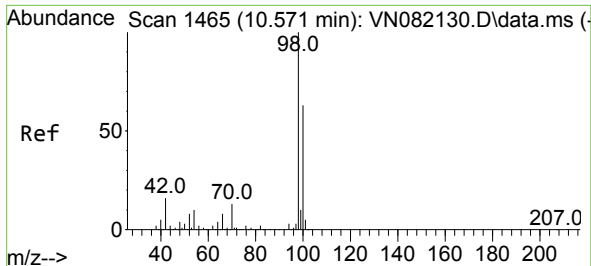
Tgt Ion: 75 Resp: 15815
Ion Ratio Lower Upper
75 100
110 9.6 17.8 53.5#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 5.796 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.135 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 117 Resp: 17724
Ion Ratio Lower Upper
117 100
119 4.2 76.5 114.7#
121 0.0 23.9 35.9#

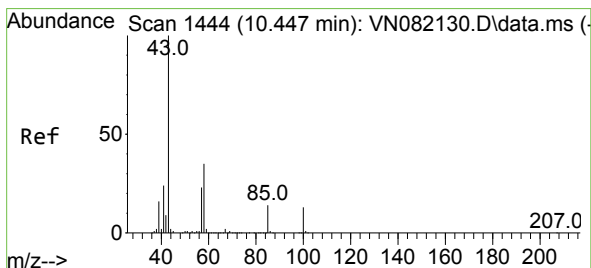
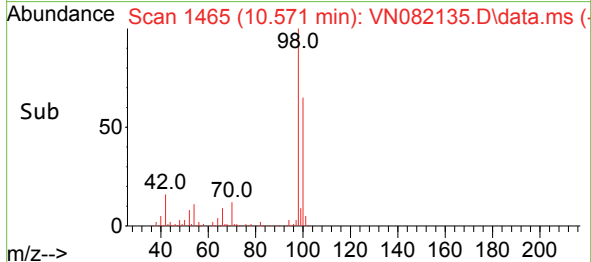
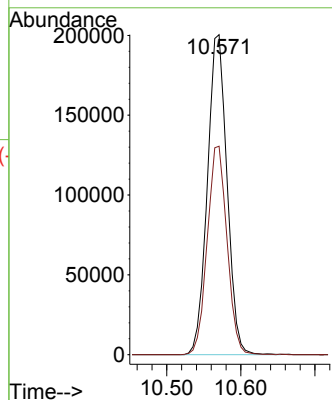
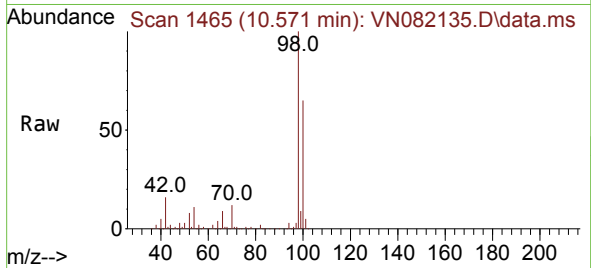




#50
Toluene-d8
Concen: 53.470 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

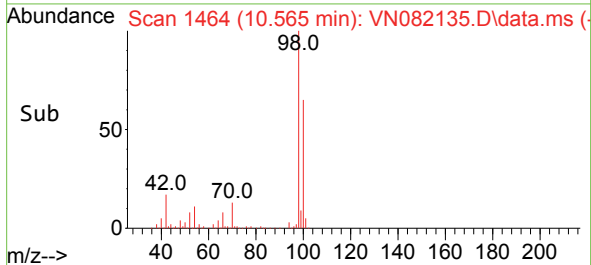
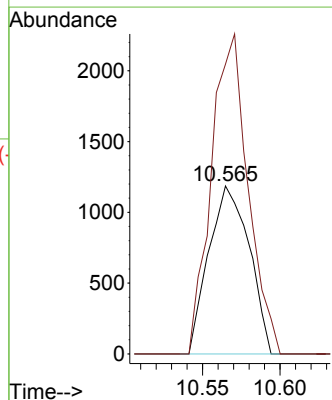
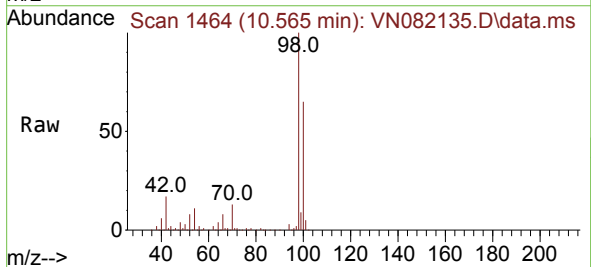
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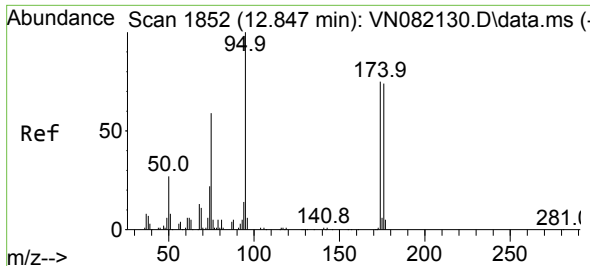
Tgt Ion: 98 Resp: 368719
Ion Ratio Lower Upper
98 100
100 65.6 51.8 77.6



#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 43 Resp: 2149
Ion Ratio Lower Upper
43 100
58 173.5 33.2 49.8#

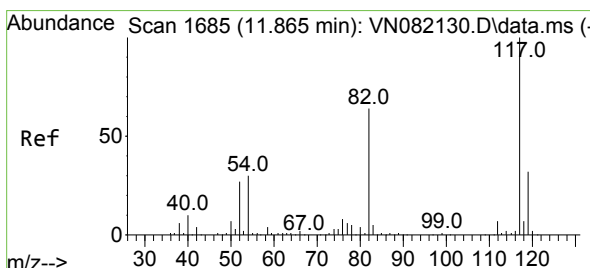
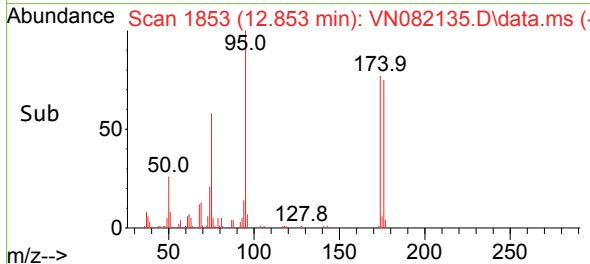
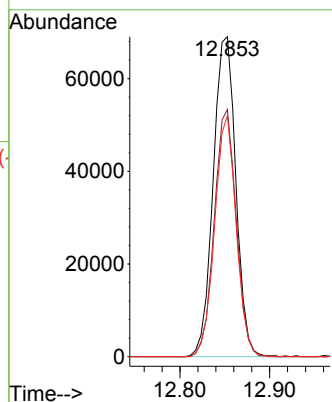
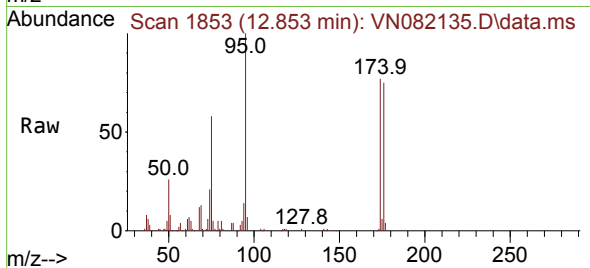




#62
4-Bromofluorobenzene
Concen: 49.049 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

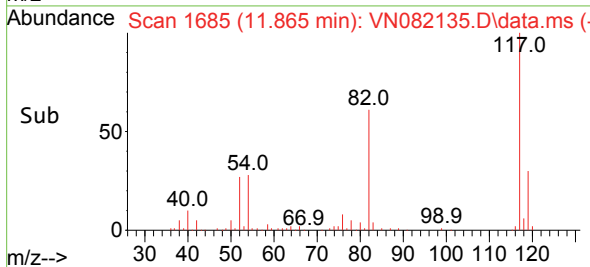
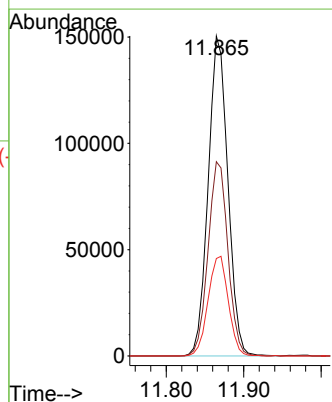
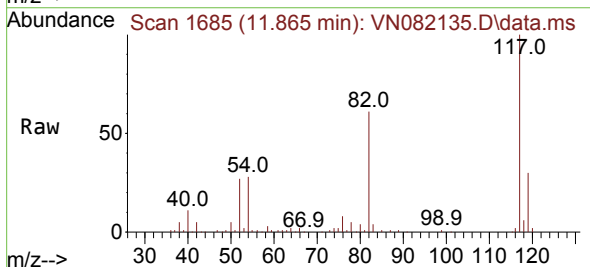
Instrument :
MSVOA_N
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IBLK

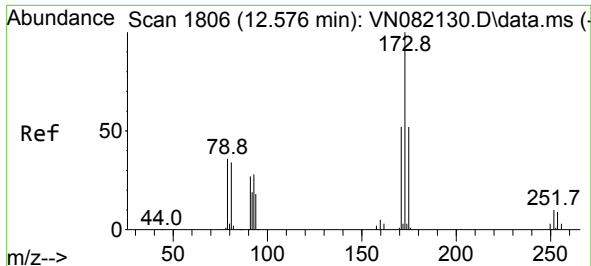
Tgt Ion: 95 Resp: 120724
Ion Ratio Lower Upper
95 100
174 75.3 0.0 160.6
176 71.5 0.0 152.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 117 Resp: 265253
Ion Ratio Lower Upper
117 100
82 60.7 44.6 66.8
119 30.4 25.9 38.9

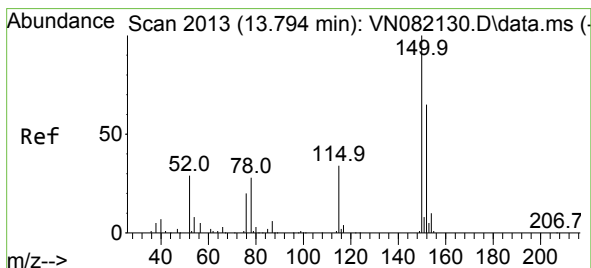
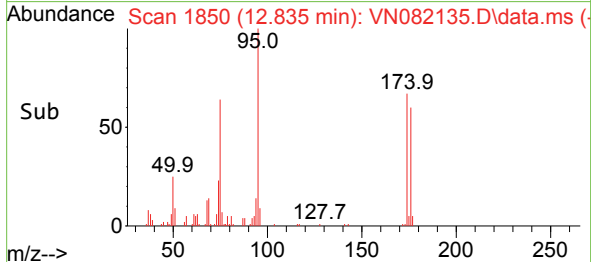
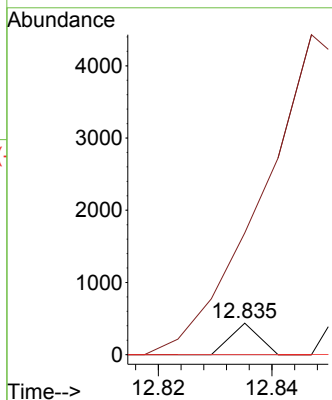
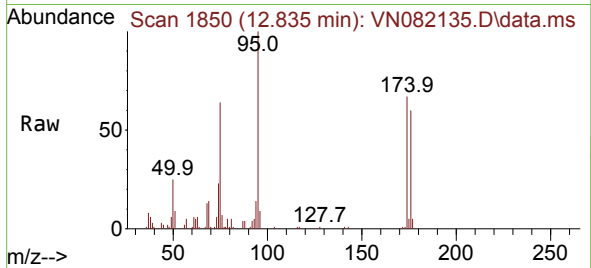




#71
Bromoform
Concen: 0.800 ug/l
RT: 12.835 min Scan# 1806
Delta R.T. 0.259 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

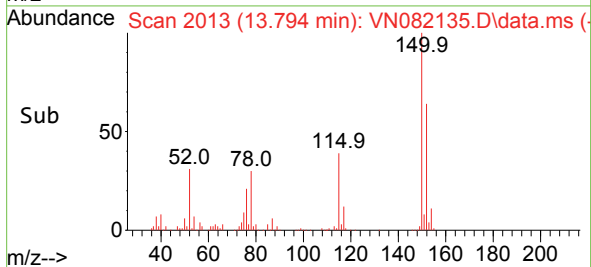
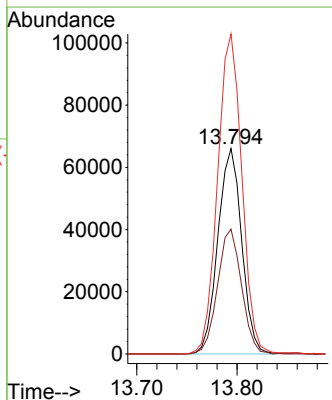
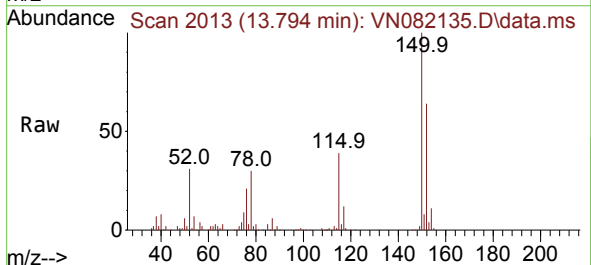
Instrument :
MSVOA_N
ClientSampleId :
IBLK

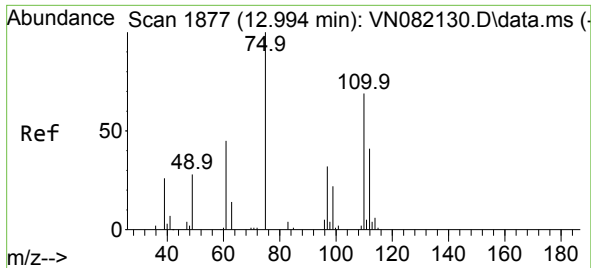
Tgt Ion:173 Resp: 154
Ion Ratio Lower Upper
173 100
175 3176.0 24.6 74.0#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion:152 Resp: 109153
Ion Ratio Lower Upper
152 100
115 61.0 30.4 91.3
150 158.6 0.0 353.2

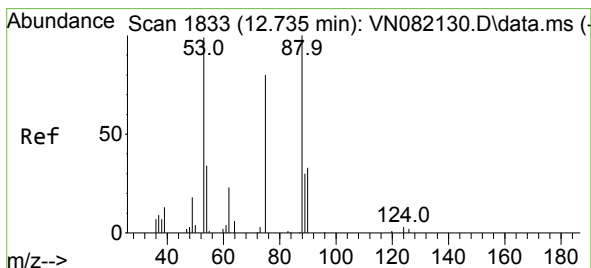
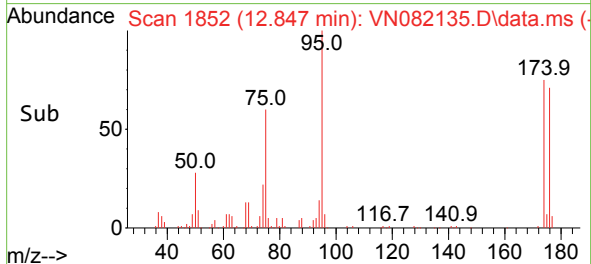
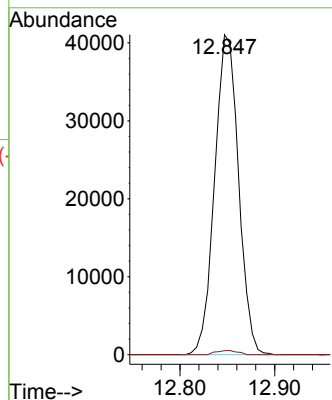
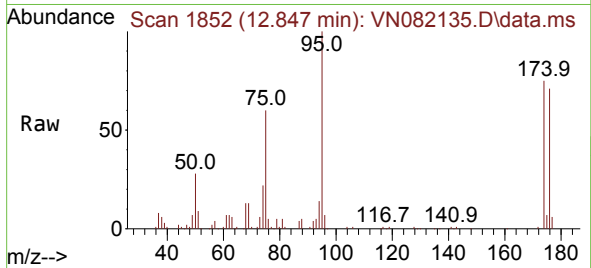




#76
1,2,3-Trichloropropane
Concen: 31.435 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion: 75 Resp: 72117
Ion Ratio Lower Upper
75 100
77 1.2 90.5 271.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.188 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN082135.D
Acq: 15 May 2024 16:12

Tgt Ion: 75 Resp: 72117
Ion Ratio Lower Upper
75 100
53 0.0 72.9 109.3#
89 0.0 39.1 58.7#

