

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071724\
 Data File : VN082958.D
 Acq On : 17 Jul 2024 13:09
 Operator : JC\MD
 Sample : P3256-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 17 16:12:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 13:46:04 2024
 Response via : Initial Calibration

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

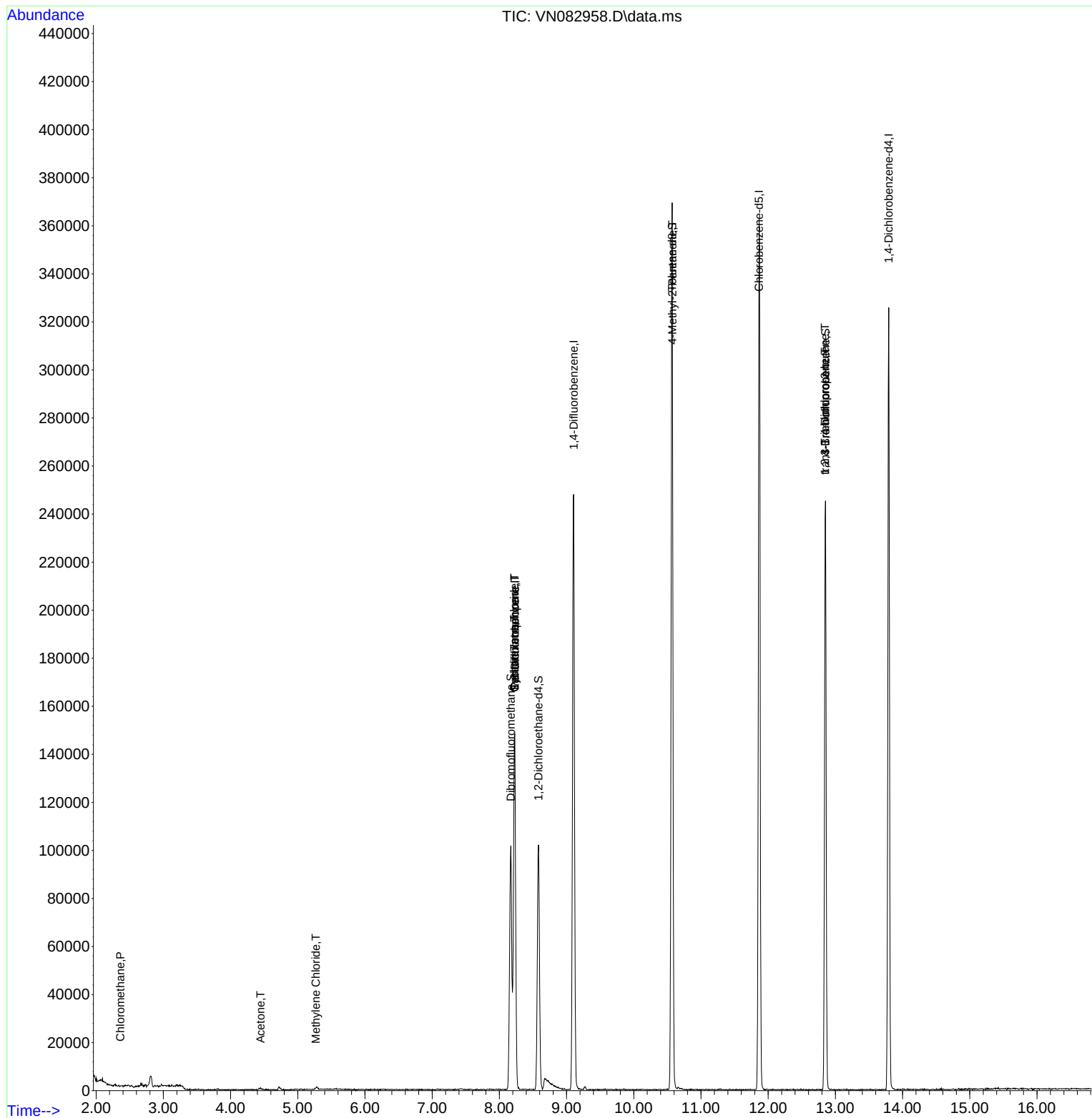
Internal Standards						
1) Pentafluorobenzene	8.230	168	105945	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	206751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	208553	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	84604	56.967	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.940%	
35) Dibromofluoromethane	8.171	113	70525	53.159	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 106.320%	
50) Toluene-d8	10.571	98	243485	49.691	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.380%	
62) 4-Bromofluorobenzene	12.853	95	79655	45.255	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	= 90.520%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	374	0.288	ug/l #	43
16) Acetone	4.447	43	1151	2.201	ug/l	91
20) Methylene Chloride	5.271	84	674	0.534	ug/l #	35
31) Cyclohexane	8.224	56	2644	1.362	ug/l #	5
36) 1,1-Dichloropropene	8.230	75	9140	4.997	ug/l #	52
38) Carbon Tetrachloride	8.224	117	11211	5.091	ug/l #	19
43) Isopropyl Acetate	8.688	43	8262	Below Cal	#	60
51) 4-Methyl-2-Pentanone	10.576	43	1093	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	44705	30.661	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	44705	60.301	ug/l #	6

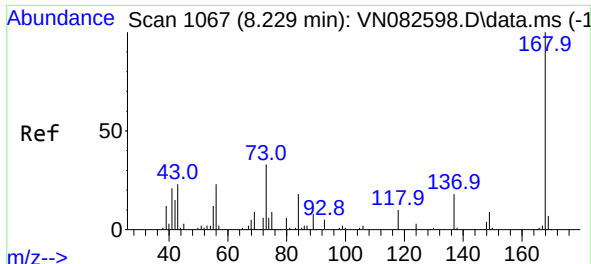
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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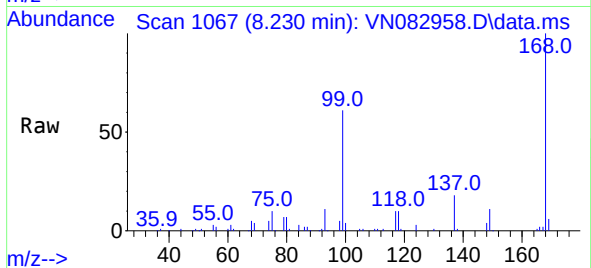
Quant Time: Jul 17 16:12:00 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070824W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 13:46:04 2024
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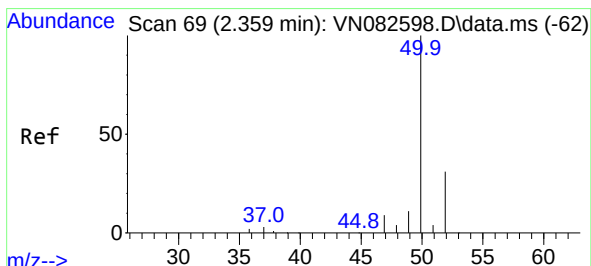
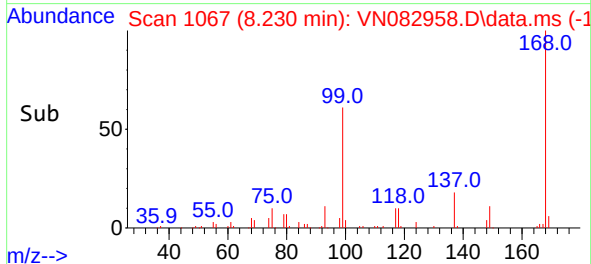
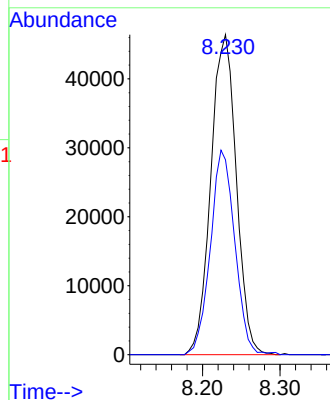


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. 0.001 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

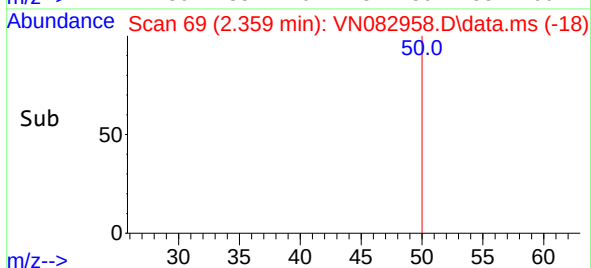
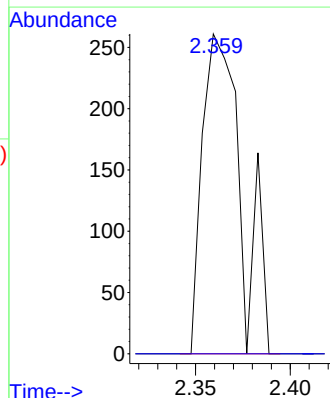
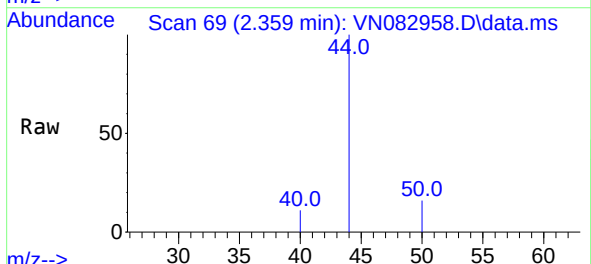


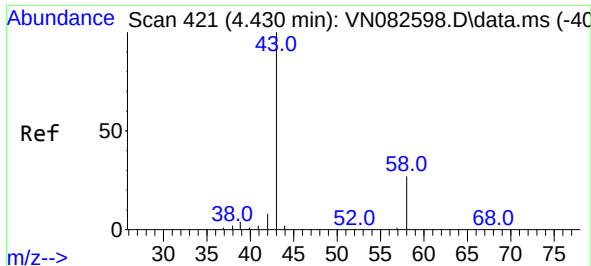
Tgt Ion:168 Resp: 105945
Ion Ratio Lower Upper
168 100
99 60.9 48.2 72.4



#3
Chloromethane
Concen: 0.288 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion: 50 Resp: 374
Ion Ratio Lower Upper
50 100
52 0.0 25.0 37.4#

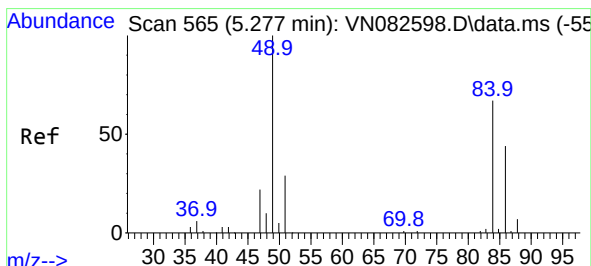
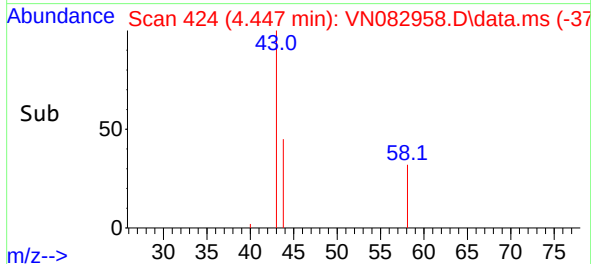
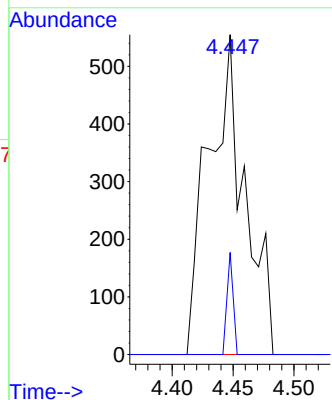
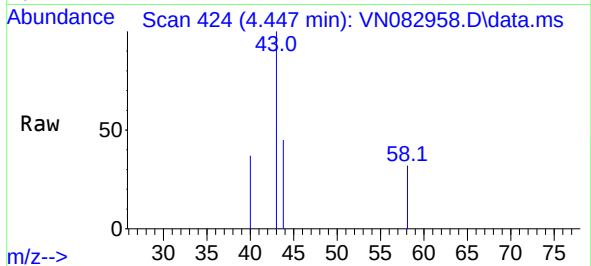




#16
Acetone
Concen: 2.201 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.017 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

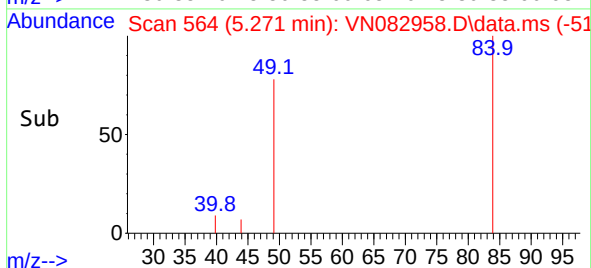
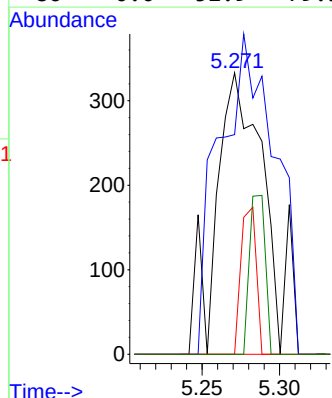
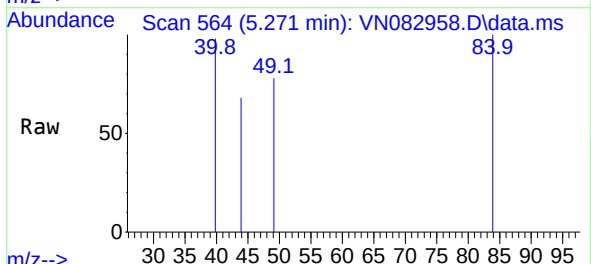
Instrument :
MSVOA_N
ClientSampleId :

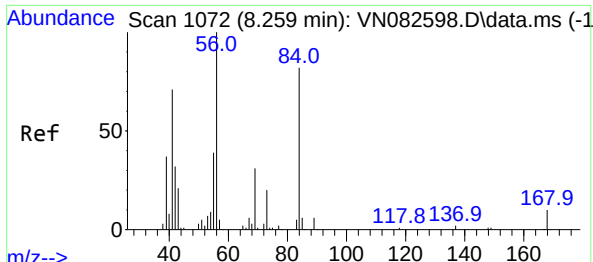
Tgt Ion: 43 Resp: 1151
Ion Ratio Lower Upper
43 100
58 31.9 21.8 32.6



#20
Methylene Chloride
Concen: 0.534 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.006 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

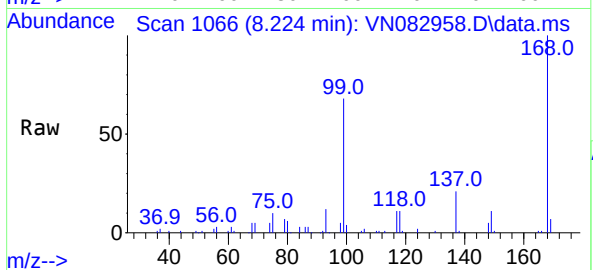
Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 78.1 119.6 179.4#
51 0.0 34.8 52.2#
86 0.0 52.9 79.3#



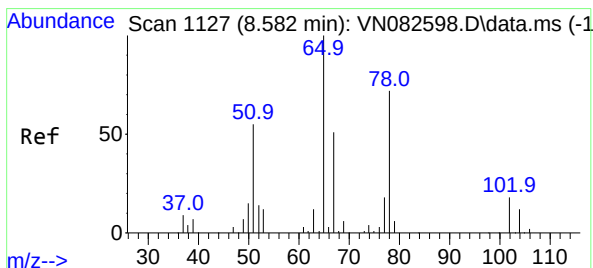
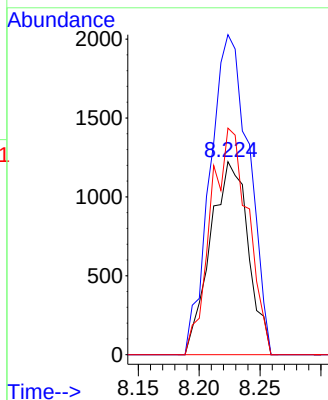
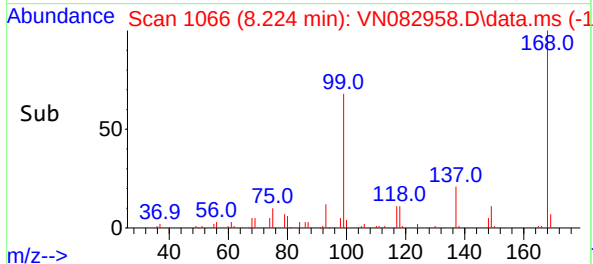


#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.035 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

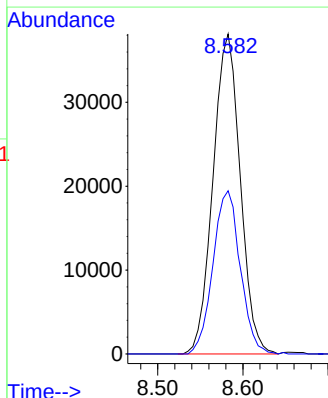
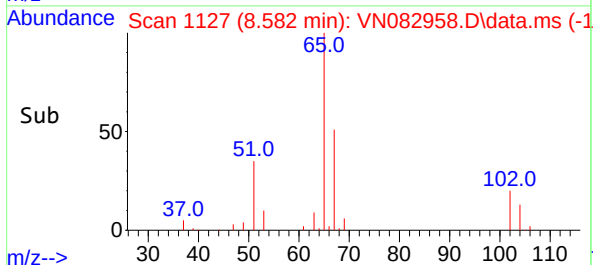
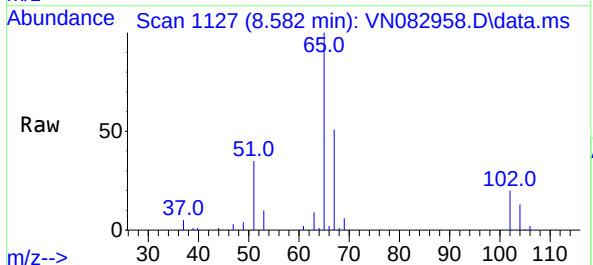


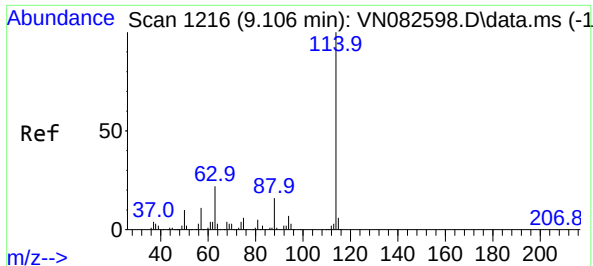
Tgt Ion: 56 Resp: 2644
Ion Ratio Lower Upper
56 100
69 165.8 24.5 36.7#
84 117.4 66.0 99.0#



#33
1,2-Dichloroethane-d4
Concen: 56.967 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion: 65 Resp: 84604
Ion Ratio Lower Upper
65 100
67 51.1 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1114

Delta R.T. -0.000 min MSVOA_N

Lab File: VN082958.D

Acq: 17 Jul 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

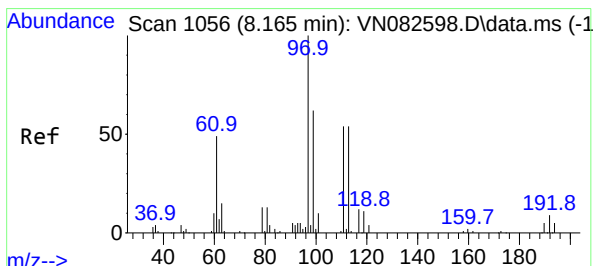
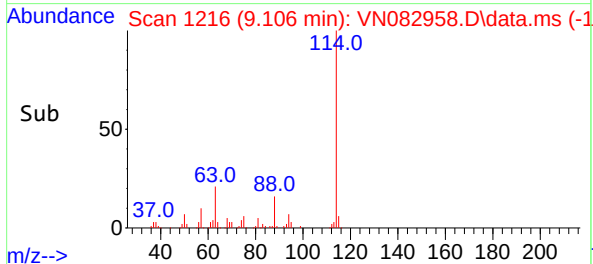
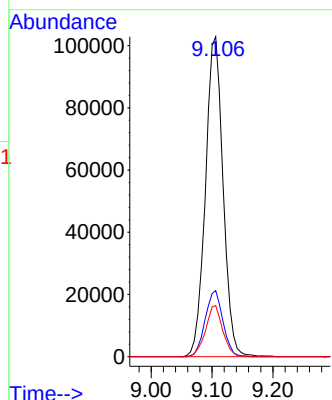
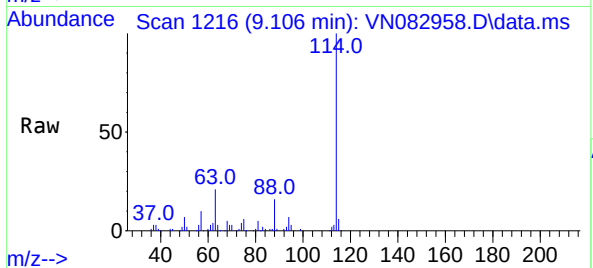
Tgt Ion:114 Resp: 206751

Ion Ratio Lower Upper

114 100

63 20.7 0.0 44.6

88 16.0 0.0 31.4



#35

Dibromofluoromethane

Concen: 53.159 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN082958.D

Acq: 17 Jul 2024 13:09

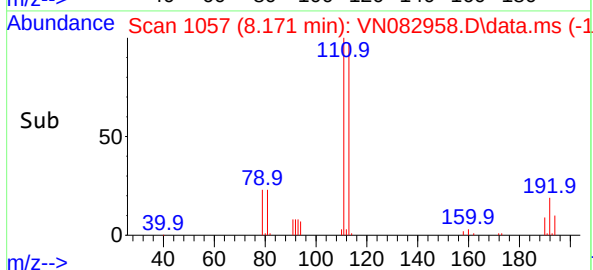
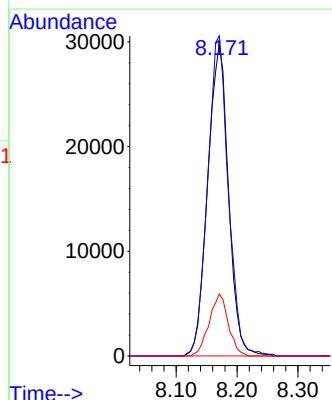
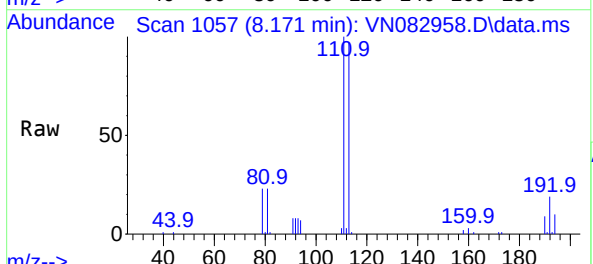
Tgt Ion:113 Resp: 70525

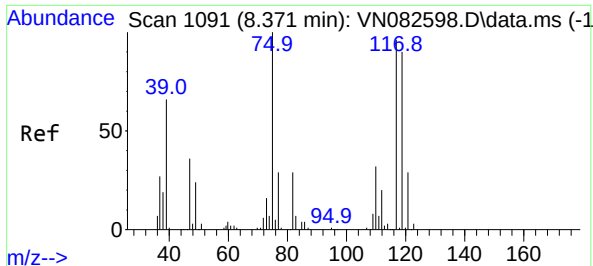
Ion Ratio Lower Upper

113 100

111 102.2 82.4 123.6

192 18.3 14.9 22.3





#36

1,1-Dichloropropene

Concen: 4.997 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

Lab File: VN082958.D

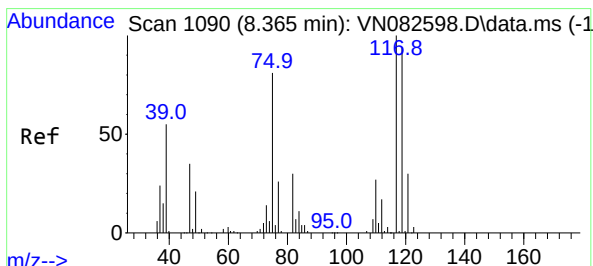
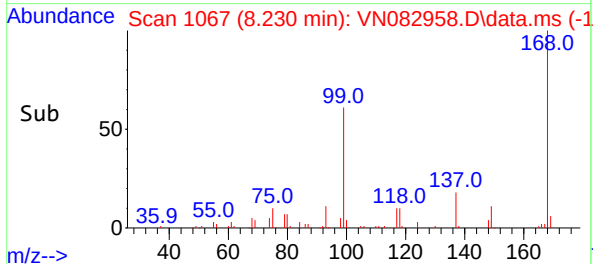
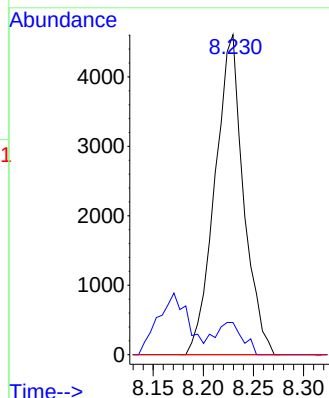
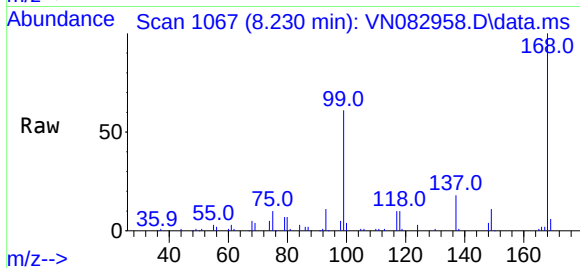
Acq: 17 Jul 2024 13:09

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	9140
Ion	Ratio	Lower	Upper
75	100		
110	9.9	16.3	48.9#
77	0.0	24.6	37.0#



#38

Carbon Tetrachloride

Concen: 5.091 ug/l

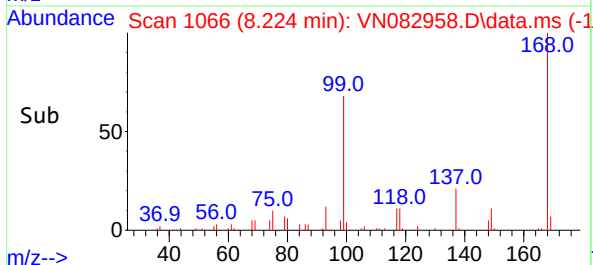
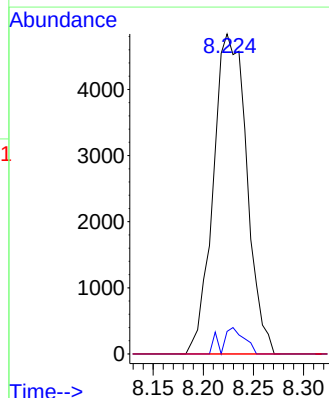
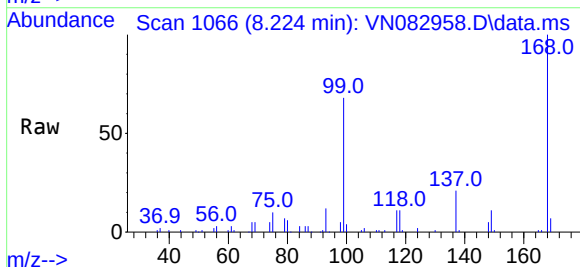
RT: 8.224 min Scan# 1066

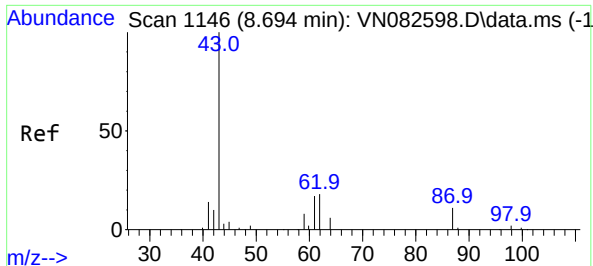
Delta R.T. -0.141 min

Lab File: VN082958.D

Acq: 17 Jul 2024 13:09

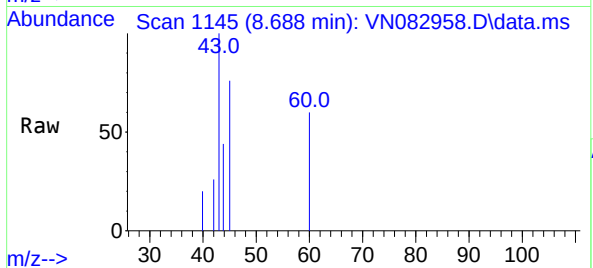
Tgt Ion:	117	Resp:	11211
Ion	Ratio	Lower	Upper
117	100		
119	7.1	74.9	112.3#
121	0.0	24.3	36.5#



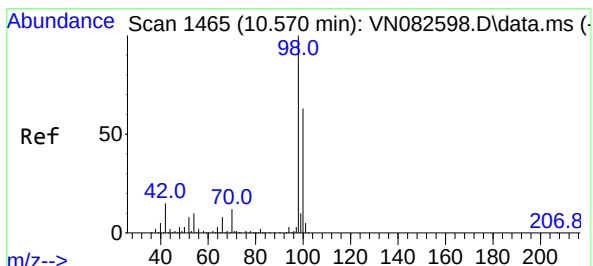
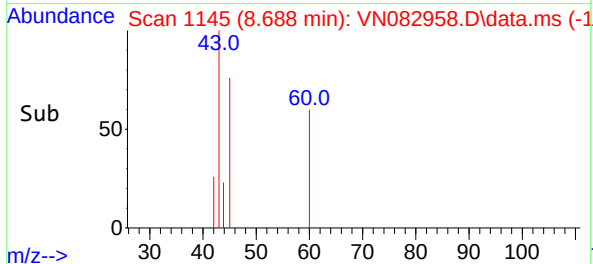
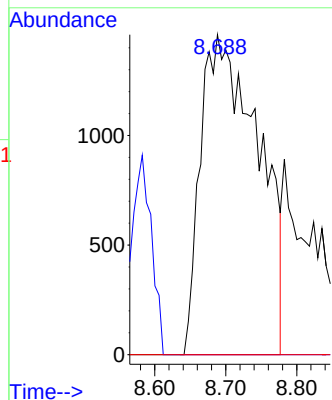


#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

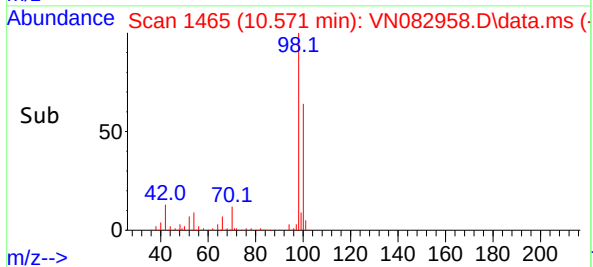
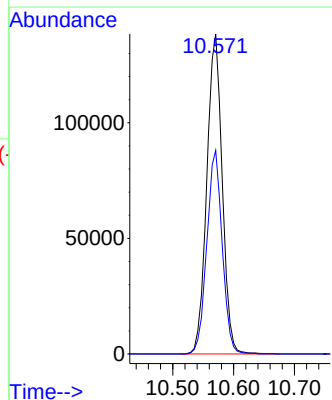
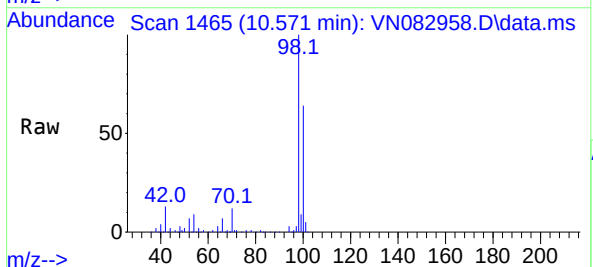


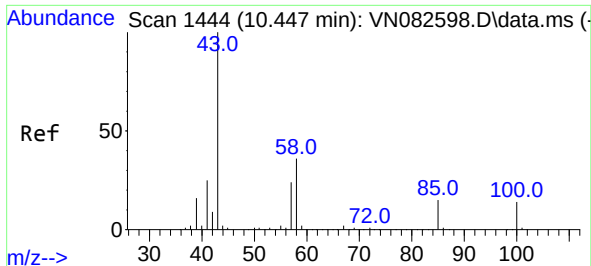
Tgt Ion: 43 Resp: 8262
Ion Ratio Lower Upper
43 100
61 0.0 17.8 26.6#
87 0.0 8.2 12.2#



#50
Toluene-d8
Concen: 49.691 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.001 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

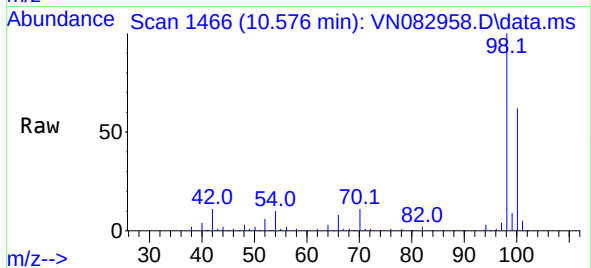
Tgt Ion: 98 Resp: 243485
Ion Ratio Lower Upper
98 100
100 63.5 51.5 77.3



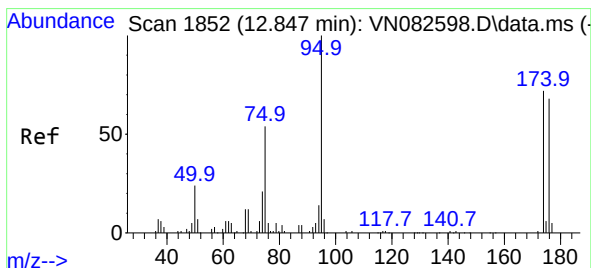
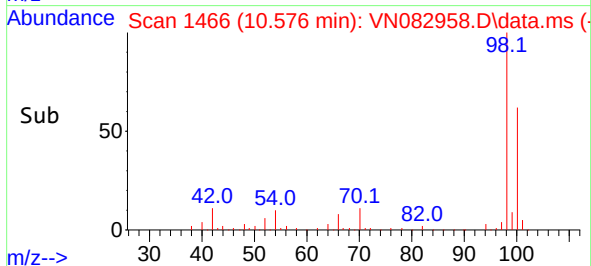
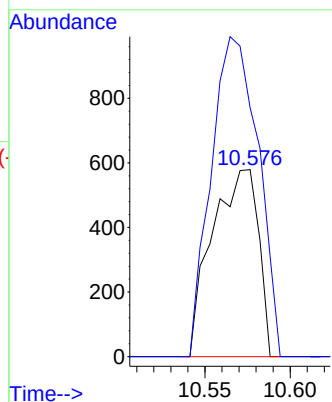


#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 10.576 min Scan# 1444
Delta R.T. 0.129 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

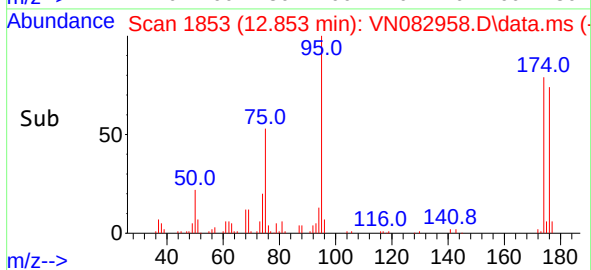
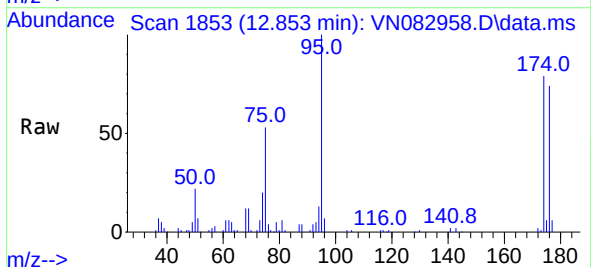
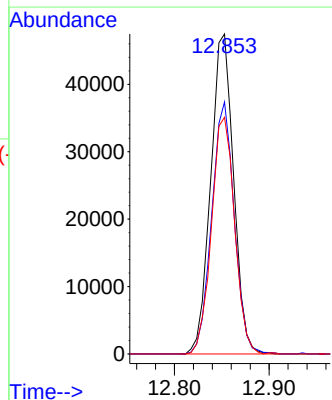


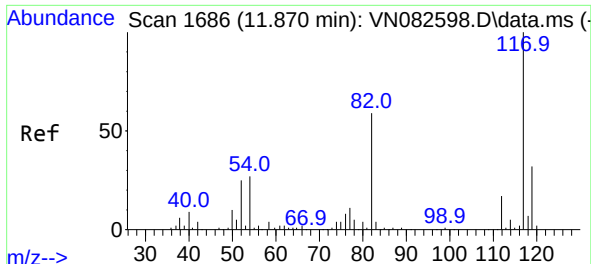
Tgt Ion: 43 Resp: 1093
Ion Ratio Lower Upper
43 100
58 174.0 28.2 42.4#



#62
4-Bromofluorobenzene
Concen: 45.255 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

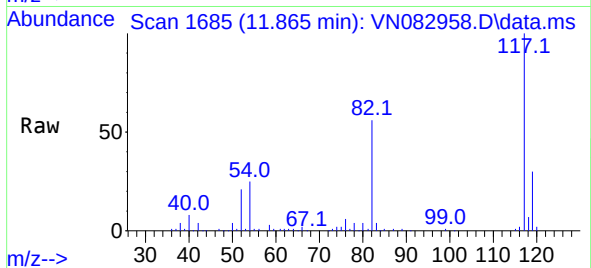
Tgt Ion: 95 Resp: 79655
Ion Ratio Lower Upper
95 100
174 77.8 0.0 159.2
176 74.9 0.0 147.6



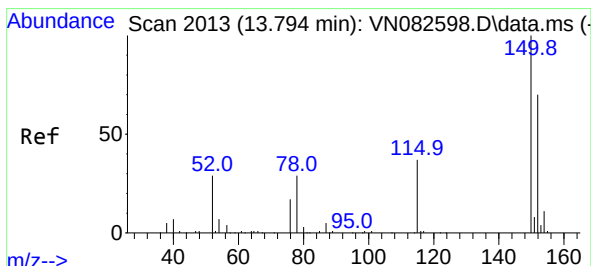
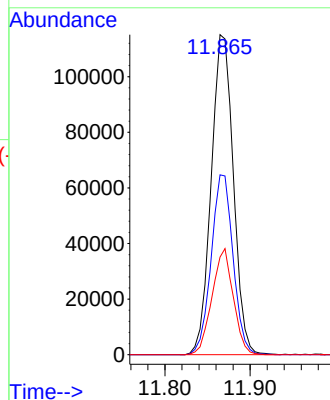
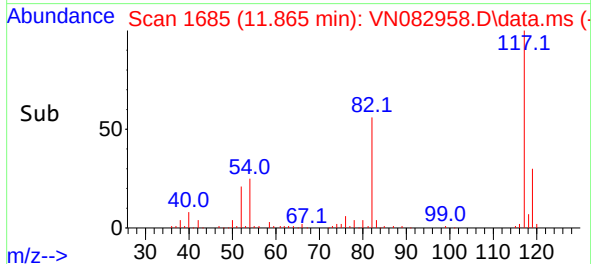


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.005 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

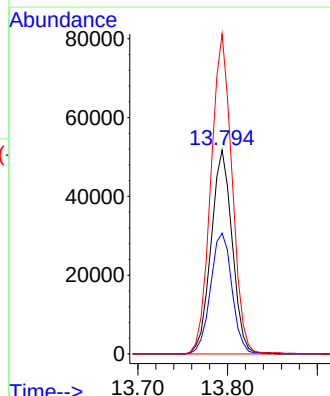
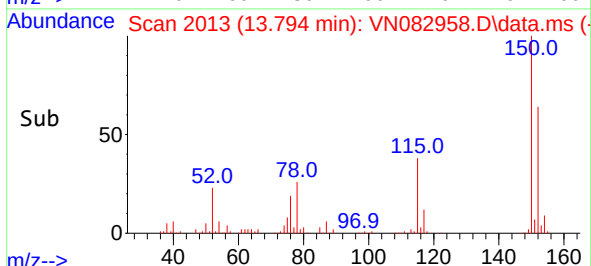
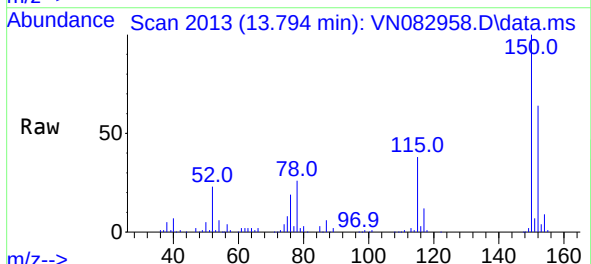


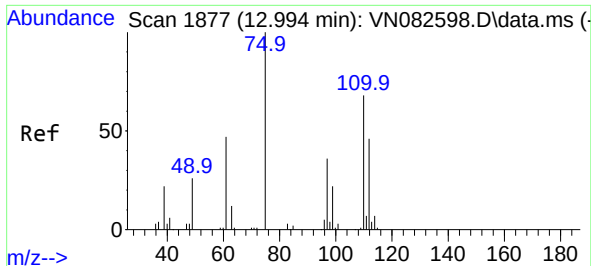
Tgt Ion:117 Resp: 208553
Ion Ratio Lower Upper
117 100
82 56.2 47.5 71.3
119 30.5 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion:152 Resp: 84571
Ion Ratio Lower Upper
152 100
115 60.4 30.6 91.6
150 157.1 0.0 348.6

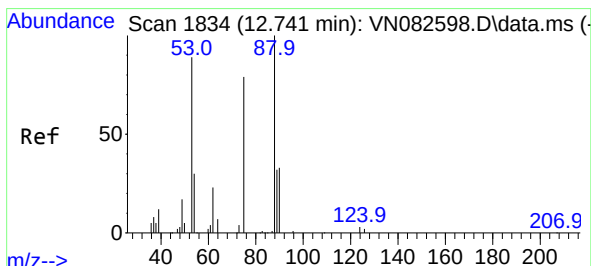
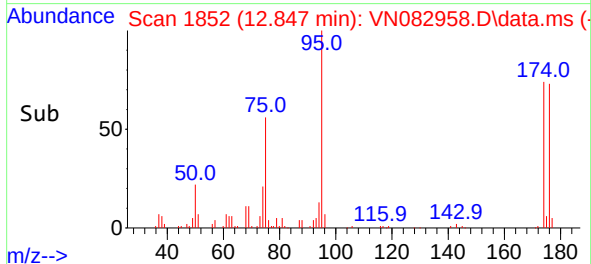
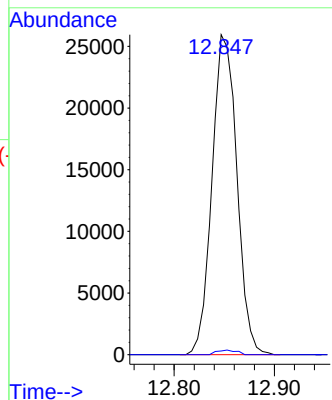
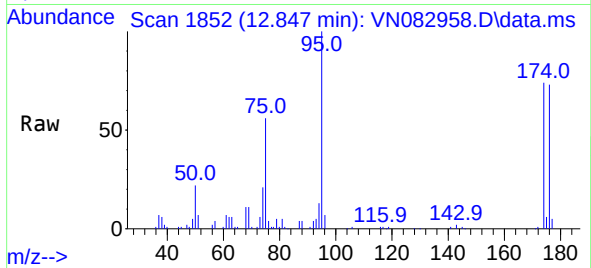




#76
1,2,3-Trichloropropane
Concen: 30.661 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 44705
Ion Ratio Lower Upper
75 100
77 1.2 110.9 332.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 60.301 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.106 min
Lab File: VN082958.D
Acq: 17 Jul 2024 13:09

Tgt Ion: 75 Resp: 44705
Ion Ratio Lower Upper
75 100
53 0.0 88.4 132.6#
89 0.0 36.3 54.5#

