

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083650.D
 Acq On : 04 Sep 2024 15:30
 Operator : JC\MD
 Sample : P3777-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:27:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

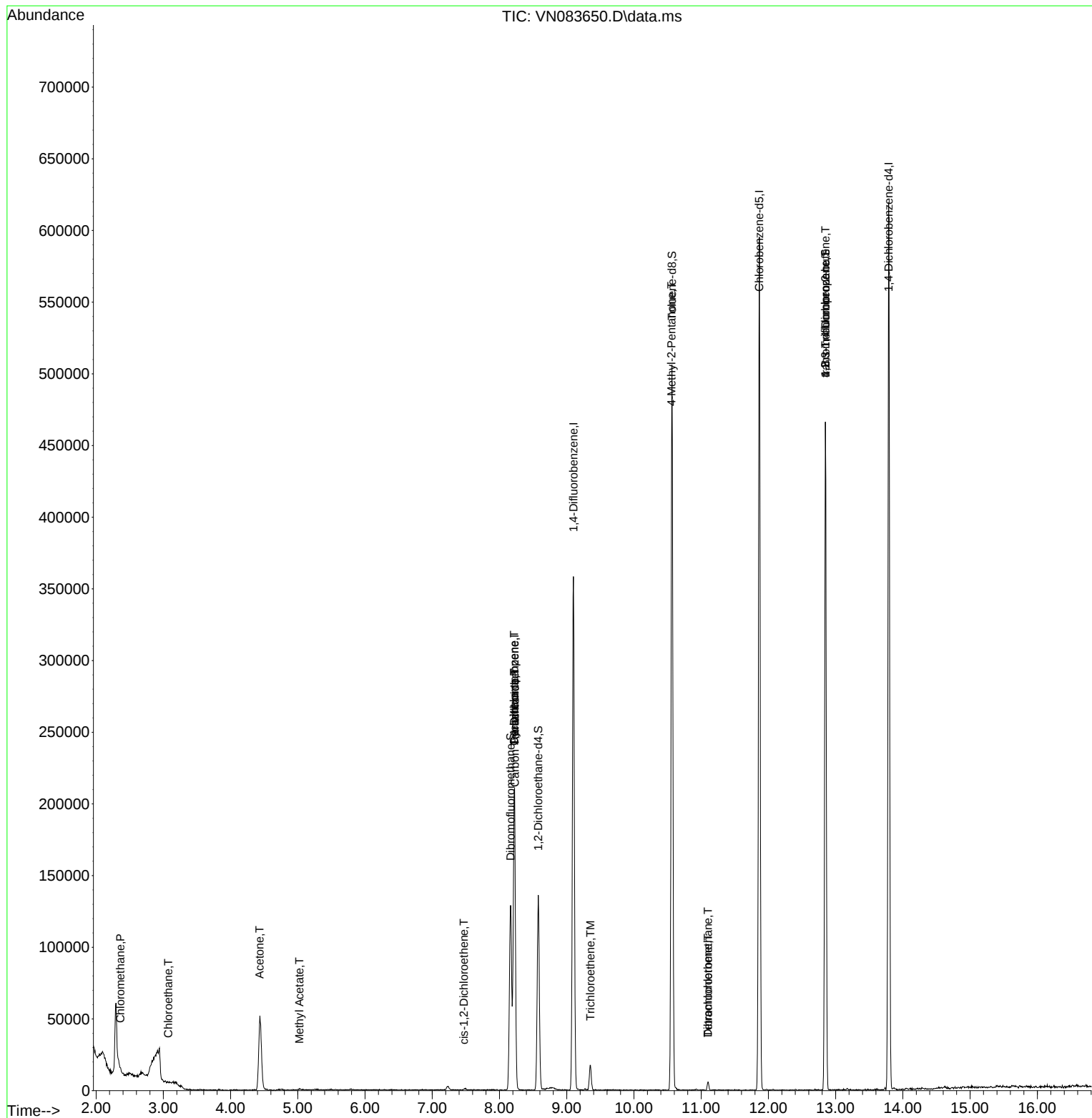
Internal Standards						
1) Pentafluorobenzene	8.224	168	145864	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302615	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	319678	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155936	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115663	56.737	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.480%
35) Dibromofluoromethane	8.165	113	92981	51.050	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.100%
50) Toluene-d8	10.565	98	338940	47.784	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.560%
62) 4-Bromofluorobenzene	12.847	95	157005	59.755	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.520%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1279	0.711	ug/l	99
6) Chloroethane	3.071	64	479	0.407	ug/l #	45
16) Acetone	4.430	43	1681	2.068	ug/l	91
18) Methyl Acetate	5.024	43	1449	0.670	ug/l #	82
27) cis-1,2-Dichloroethene	7.471	96	468	0.236	ug/l #	49
31) Cyclohexane	8.218	56	3661	1.161	ug/l #	19
36) 1,1-Dichloropropene	8.218	75	13747	4.948	ug/l #	50
38) Carbon Tetrachloride	8.230	117	16914	5.336	ug/l #	15
43) Isopropyl Acetate	8.665	43	485	Below Cal	#	57
44) Trichloroethene	9.353	130	5960	2.899	ug/l	91
51) 4-Methyl-2-Pentanone	10.559	43	1611	0.627	ug/l #	1
60) Dibromochloromethane	11.100	129	1236	0.559	ug/l #	10
64) Tetrachloroethene	11.100	164	1438	0.684	ug/l #	83
76) 1,2,3-Trichloropropane	12.847	75	88078	27.976	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88078	65.984	ug/l #	9

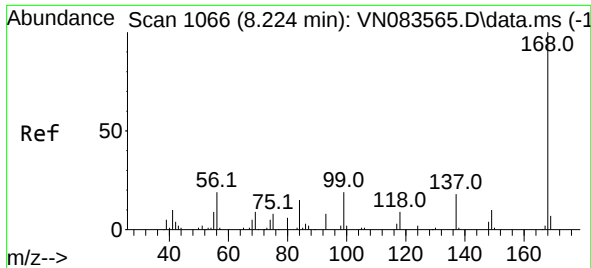
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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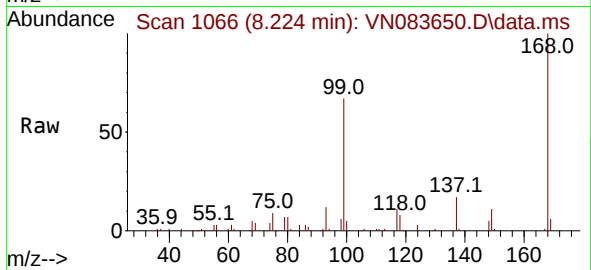
Quant Time: Sep 05 02:27:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
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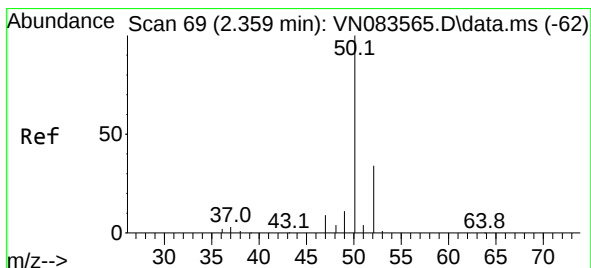
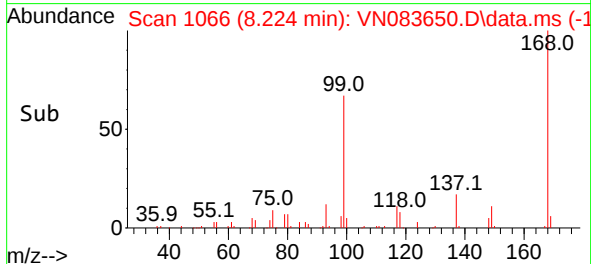
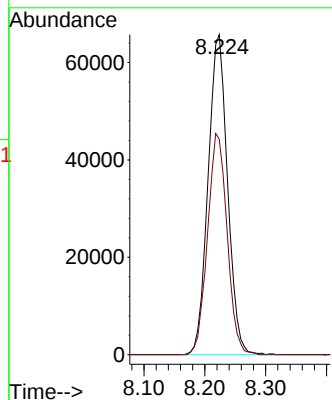


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

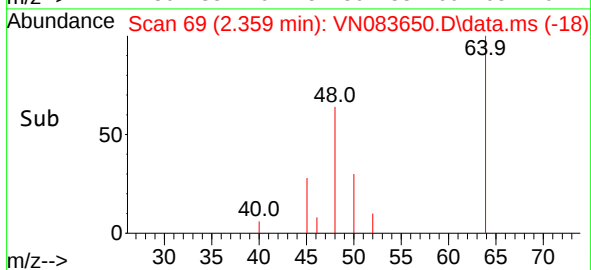
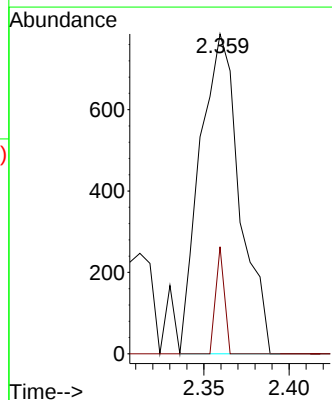
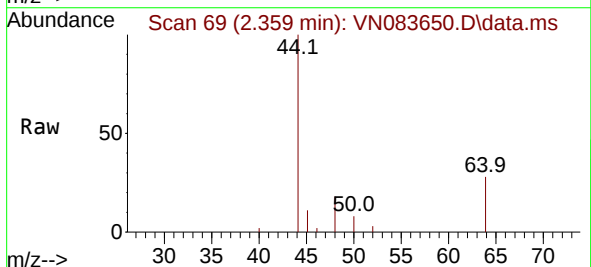


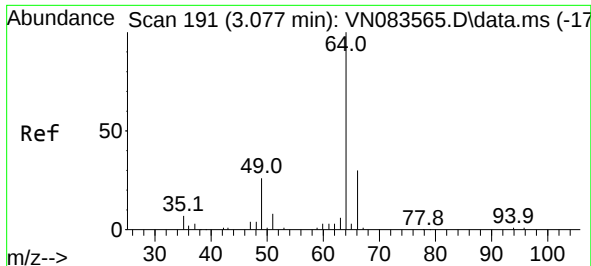
Tgt Ion:168 Resp: 145864
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2



#3
Chloromethane
Concen: 0.711 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion: 50 Resp: 1279
Ion Ratio Lower Upper
50 100
52 33.5 27.2 40.8

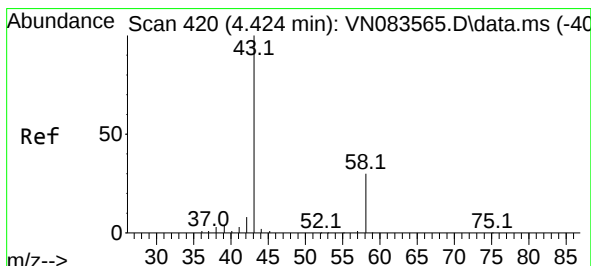
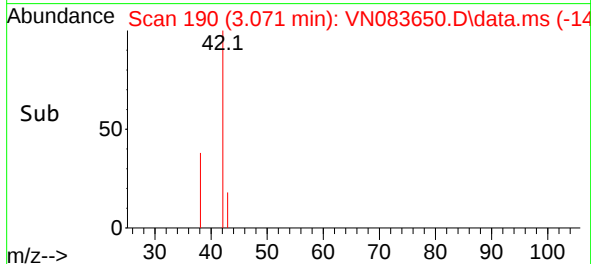
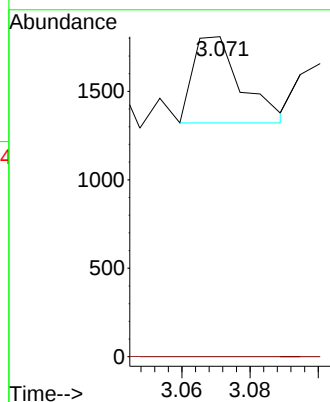
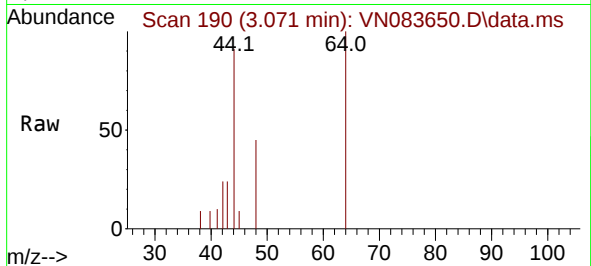




#6
Chloroethane
Concen: 0.407 ug/l
RT: 3.071 min Scan# 190
Delta R.T. -0.006 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

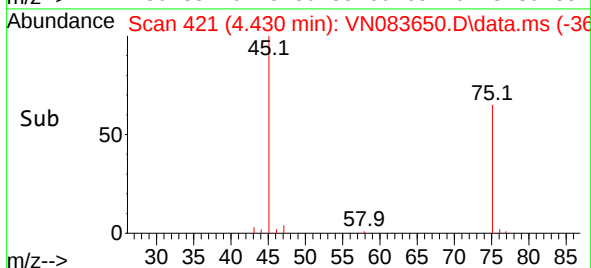
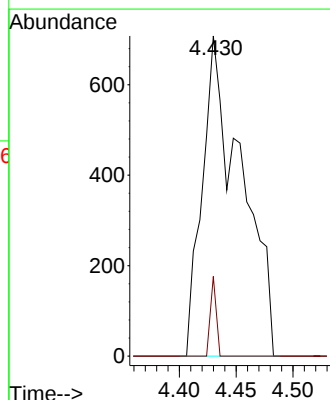
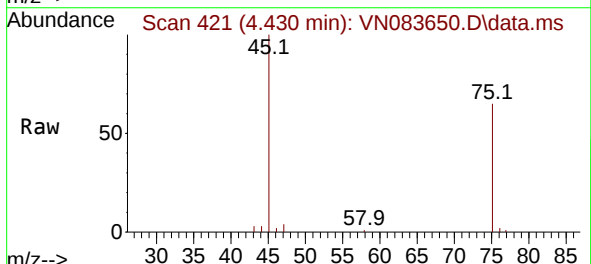
Instrument :
MSVOA_N
ClientSampleId :

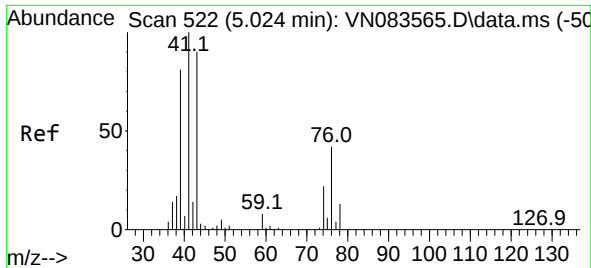
Tgt Ion: 64 Resp: 479
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



#16
Acetone
Concen: 2.068 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion: 43 Resp: 1681
Ion Ratio Lower Upper
43 100
58 24.9 23.7 35.5





#18

Methyl Acetate

Concen: 0.670 ug/l

RT: 5.024 min Scan# 51

Delta R.T. 0.000 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

Instrument :

MSVOA_N

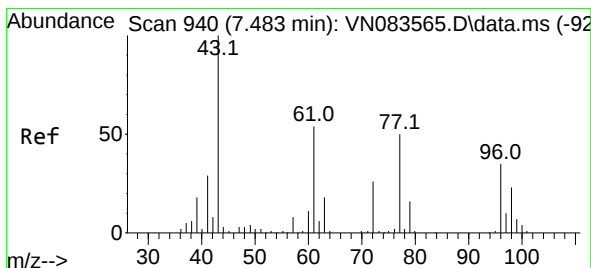
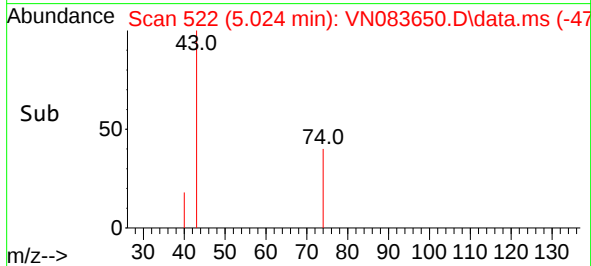
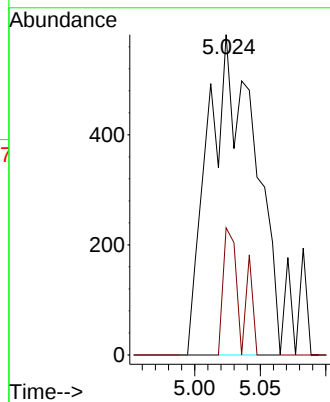
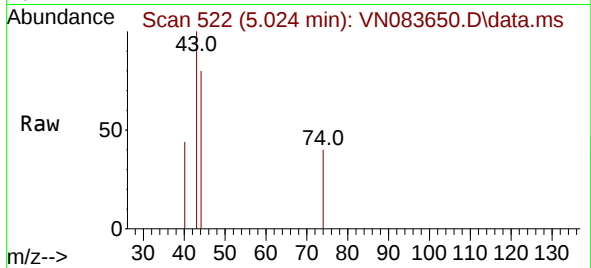
ClientSampleId :

Tgt Ion: 43 Resp: 1449

Ion Ratio Lower Upper

43 100

74 15.0 19.0 28.4#



#27

cis-1,2-Dichloroethene

Concen: 0.236 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.012 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

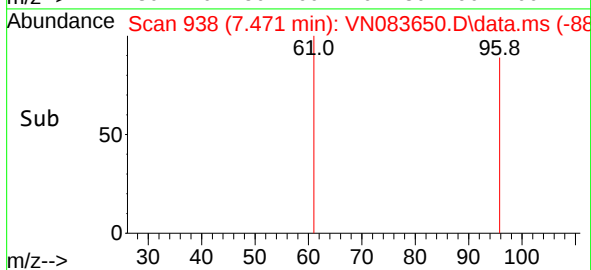
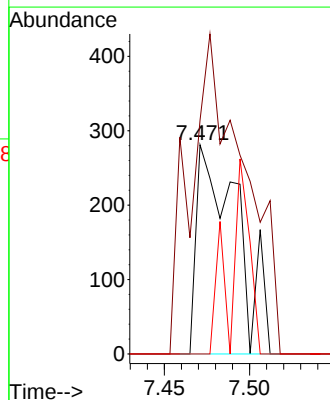
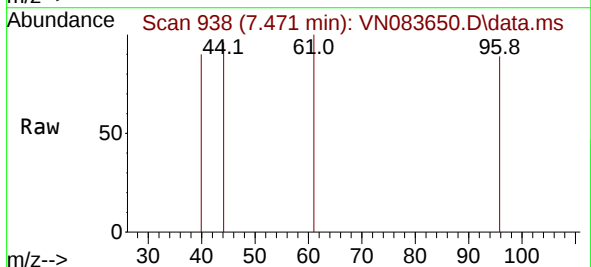
Tgt Ion: 96 Resp: 468

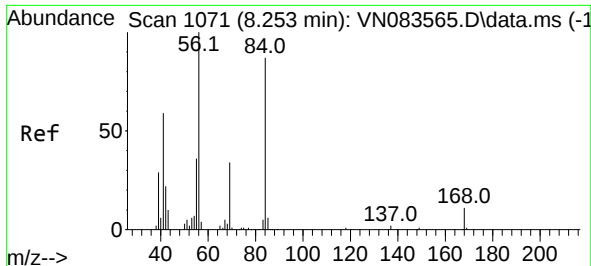
Ion Ratio Lower Upper

96 100

61 201.3 0.0 306.2

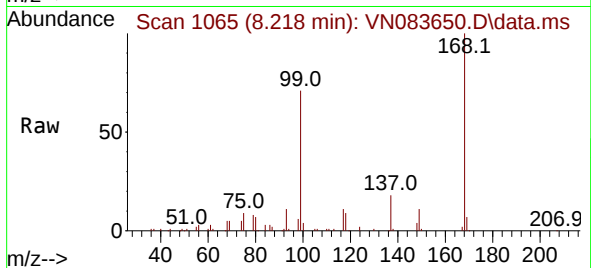
98 0.0 0.0 128.6



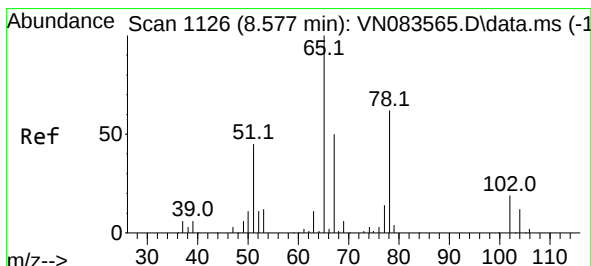
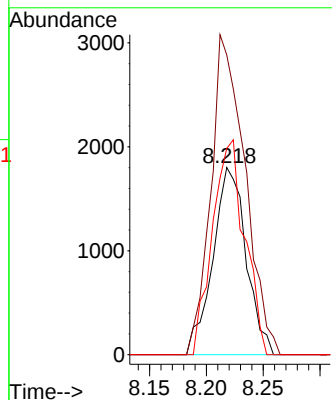
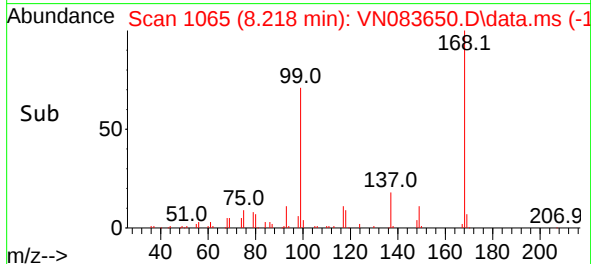


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Instrument :
MSVOA_N
ClientSampleId :

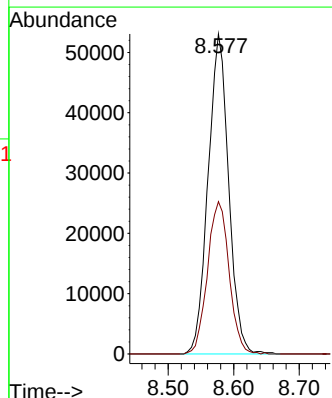
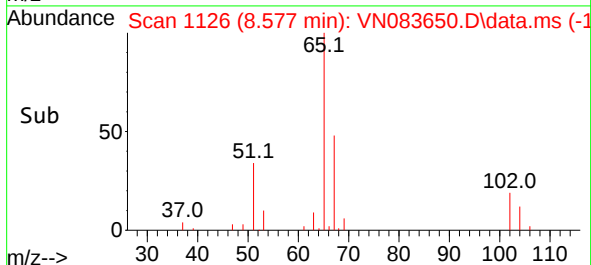
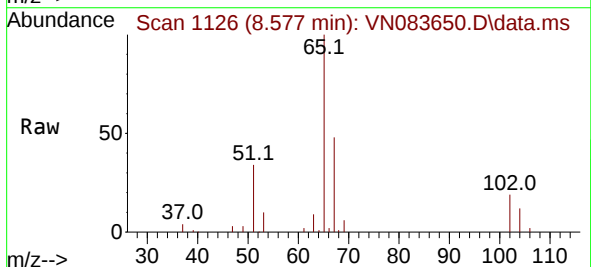


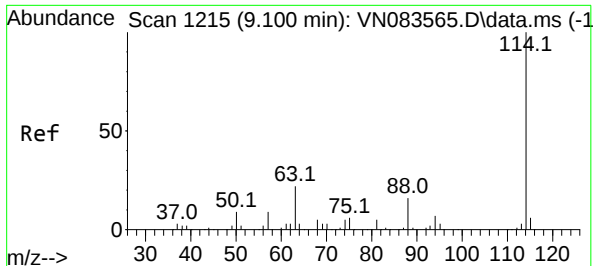
Tgt Ion: 56 Resp: 3661
Ion Ratio Lower Upper
56 100
69 160.0 26.9 40.3#
84 110.2 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 56.737 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion: 65 Resp: 115663
Ion Ratio Lower Upper
65 100
67 50.0 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

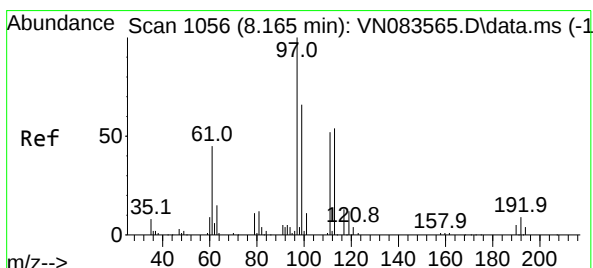
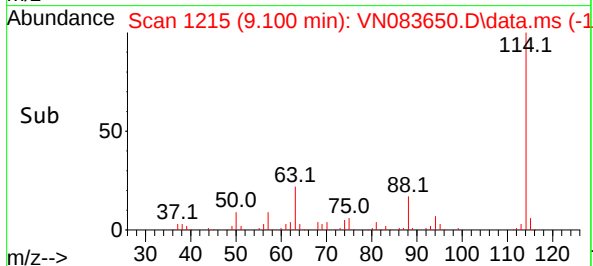
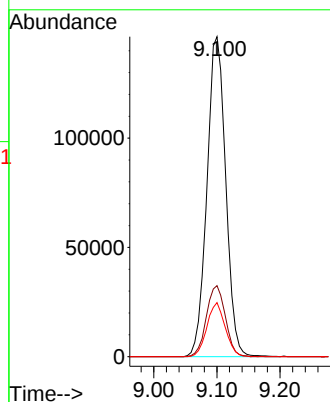
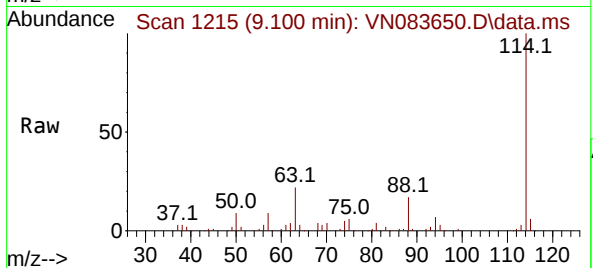
Tgt Ion:114 Resp: 302615

Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.050 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

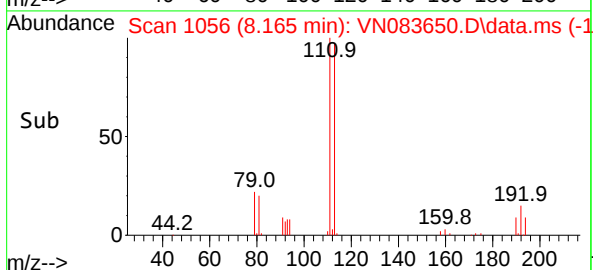
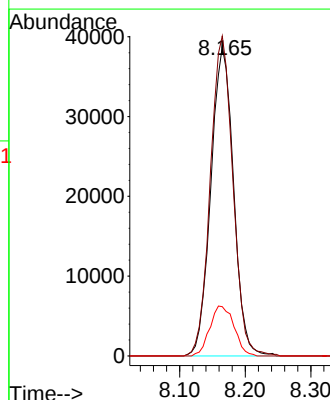
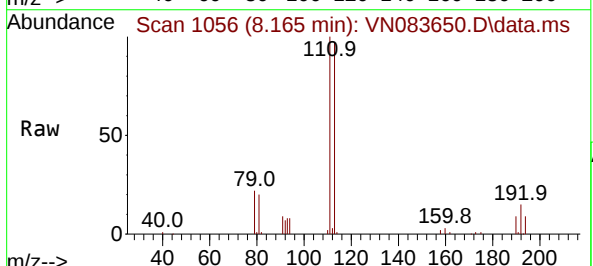
Tgt Ion:113 Resp: 92981

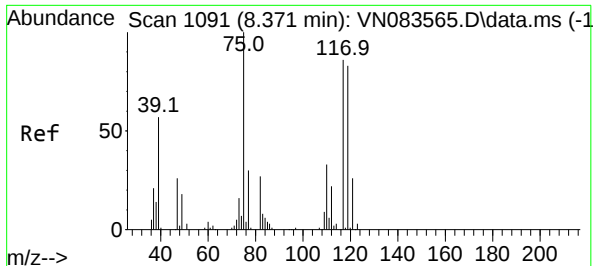
Ion Ratio Lower Upper

113 100

111 103.0 82.6 124.0

192 17.3 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.948 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

Instrument :

MSVOA_N

ClientSampleId :

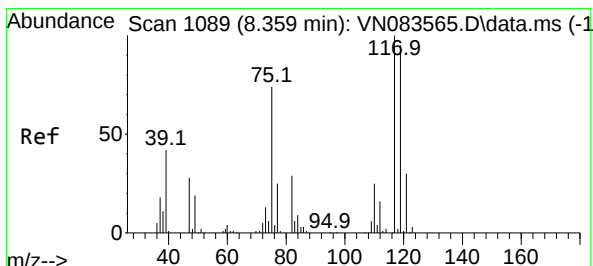
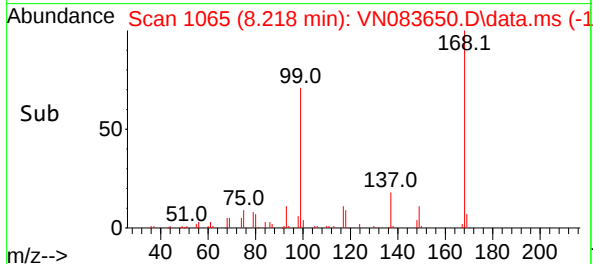
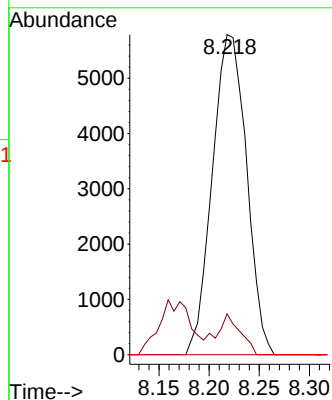
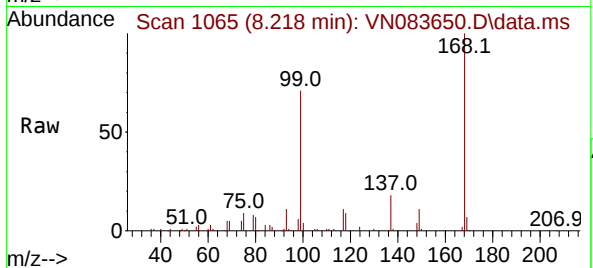
Tgt Ion: 75 Resp: 13747

Ion Ratio Lower Upper

75 100

110 8.8 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.336 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.129 min

Lab File: VN083650.D

Acq: 04 Sep 2024 15:30

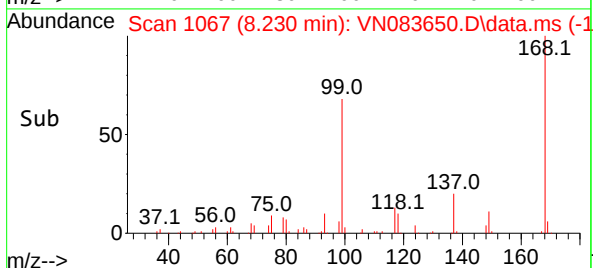
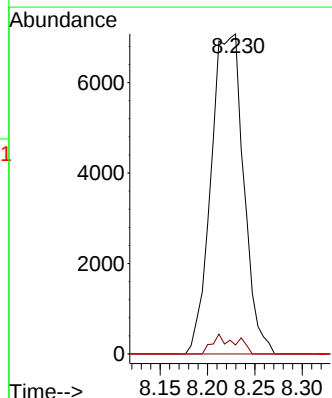
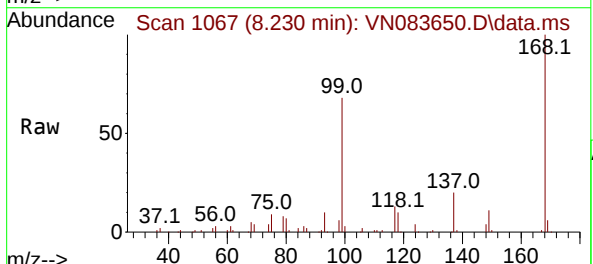
Tgt Ion: 117 Resp: 16914

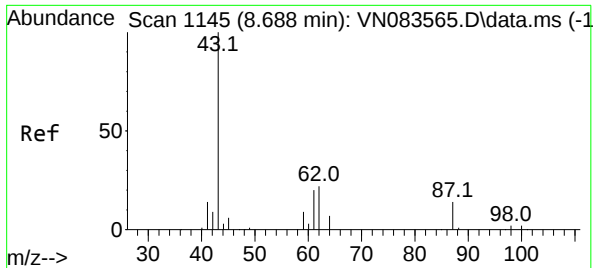
Ion Ratio Lower Upper

117 100

119 2.8 76.1 114.1#

121 0.0 24.1 36.1#

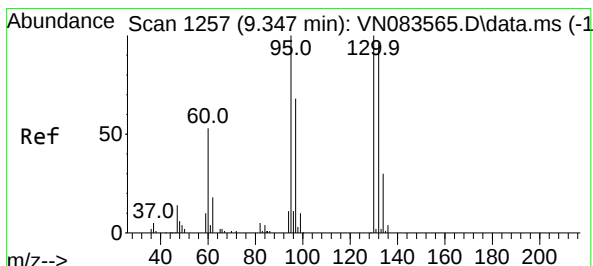
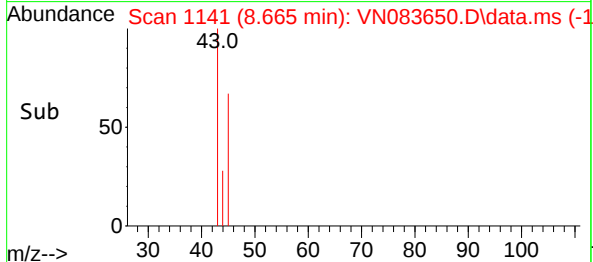
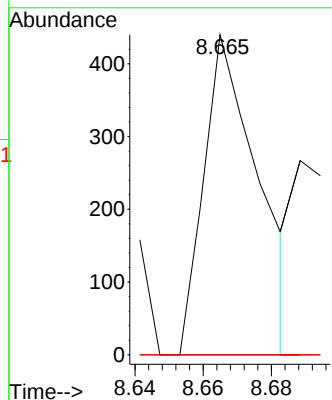
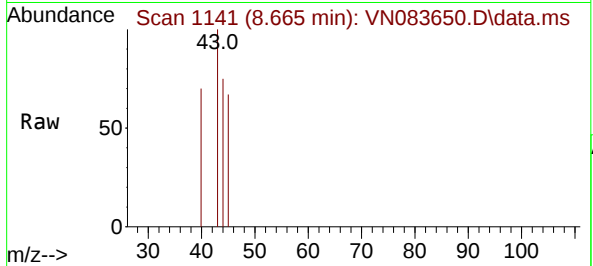




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.665 min Scan# 1141
Delta R.T. -0.023 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

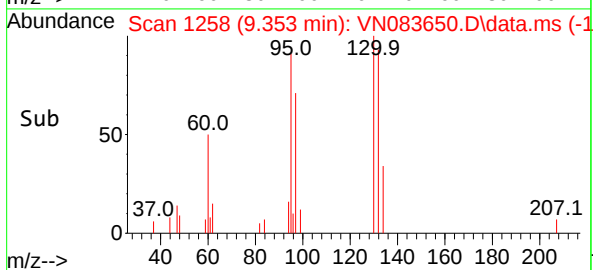
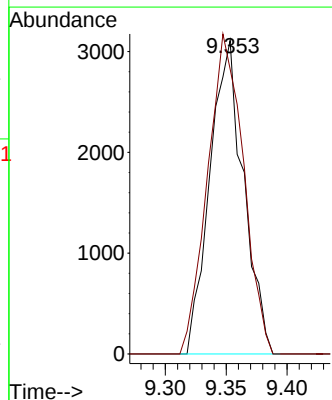
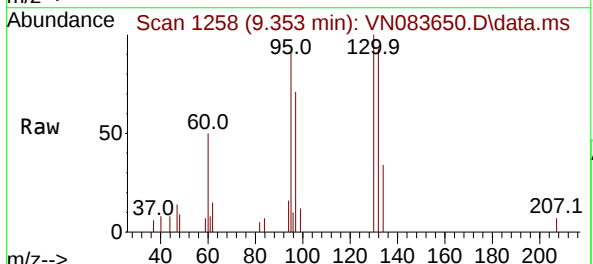
Instrument :
MSVOA_N
ClientSampleId :

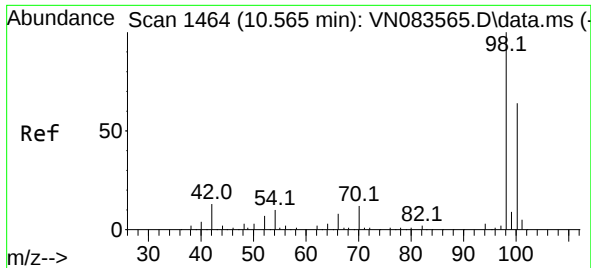
Tgt Ion: 43 Resp: 485
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#



#44
Trichloroethene
Concen: 2.899 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion:130 Resp: 5960
Ion Ratio Lower Upper
130 100
95 90.9 0.0 200.4

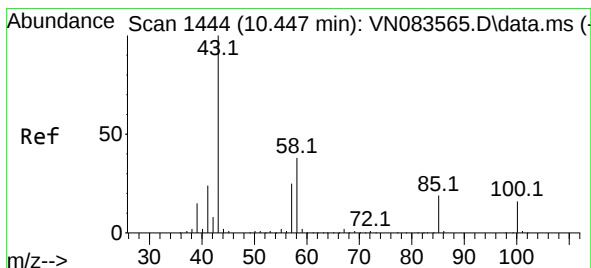
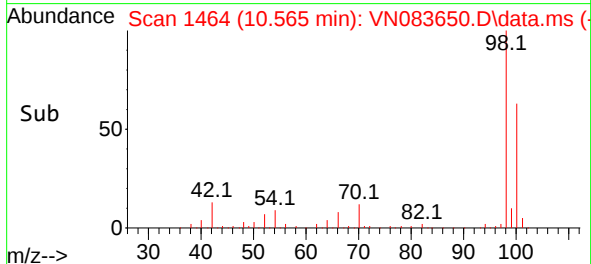
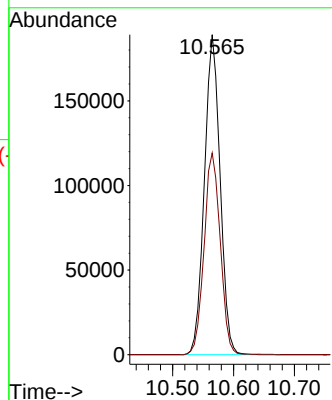
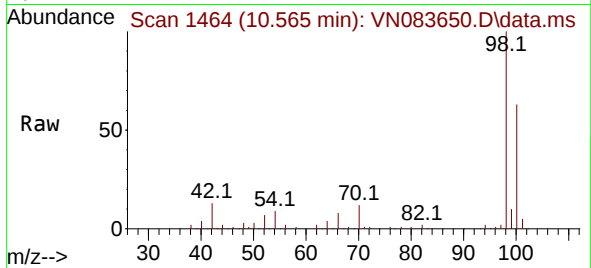




#50
Toluene-d8
Concen: 47.784 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

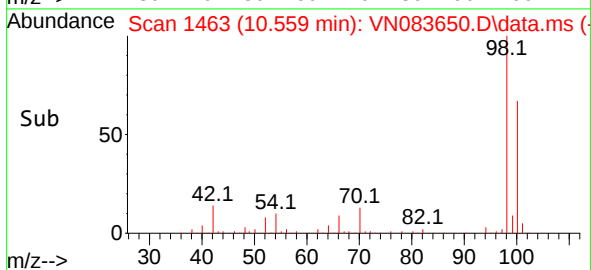
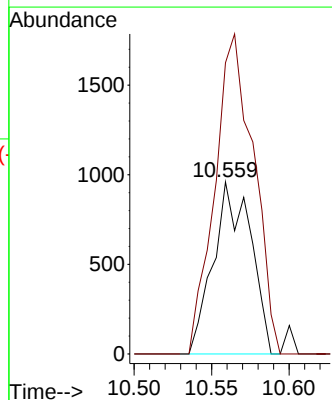
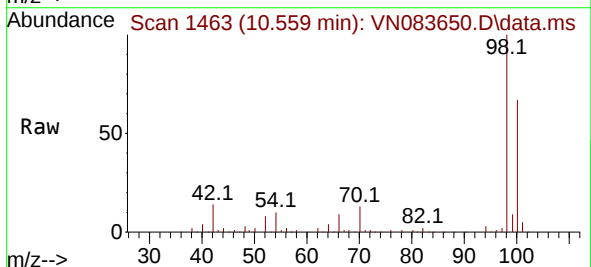
Instrument :
MSVOA_N
ClientSampleId :

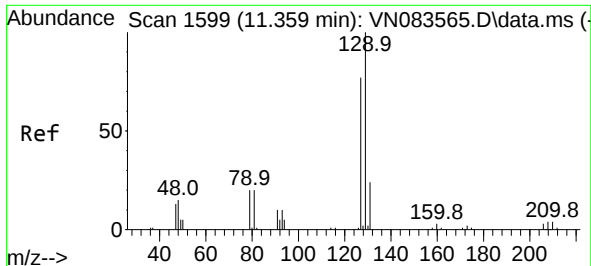
Tgt Ion: 98 Resp: 338940
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.627 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.112 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion: 43 Resp: 1611
Ion Ratio Lower Upper
43 100
58 193.2 31.6 47.4#

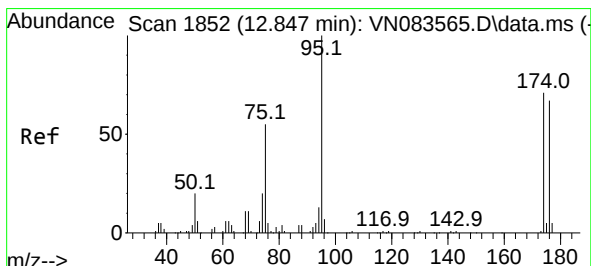
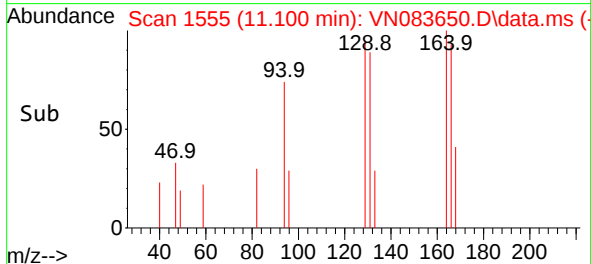
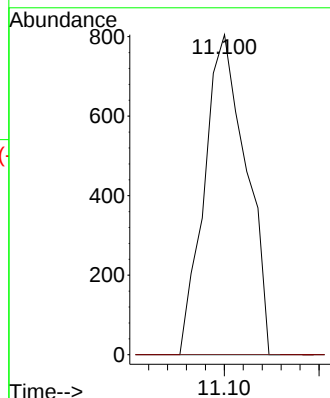
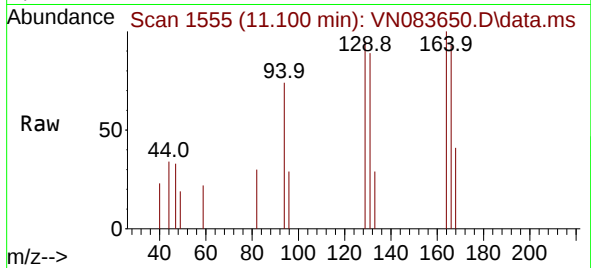




#60
Dibromochloromethane
Concen: 0.559 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

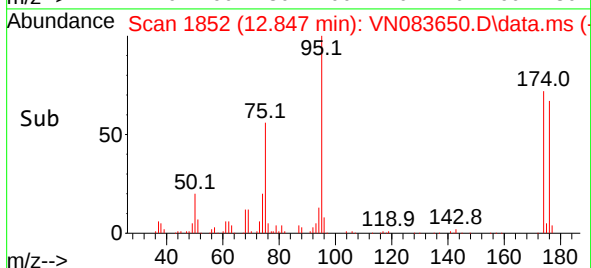
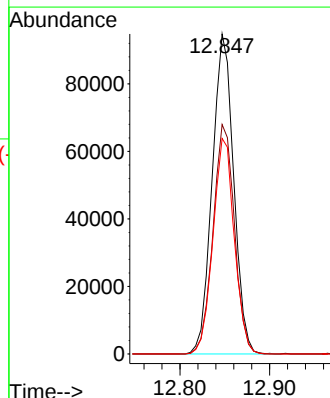
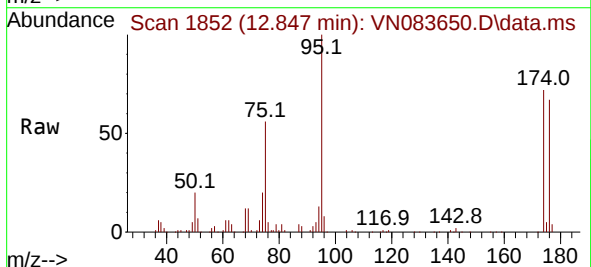
Instrument :
MSVOA_N
ClientSampleId :

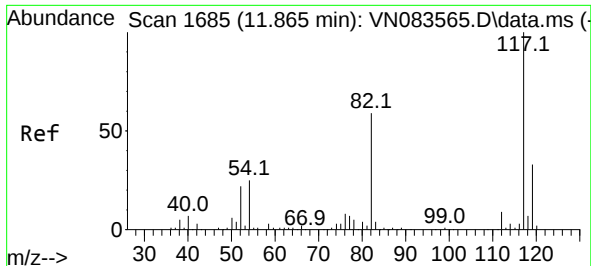
Tgt Ion:129 Resp: 1236
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 59.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

Tgt Ion: 95 Resp: 157005
Ion Ratio Lower Upper
95 100
174 71.6 0.0 139.8
176 67.2 0.0 131.4

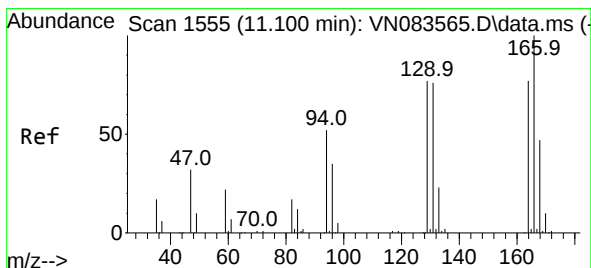
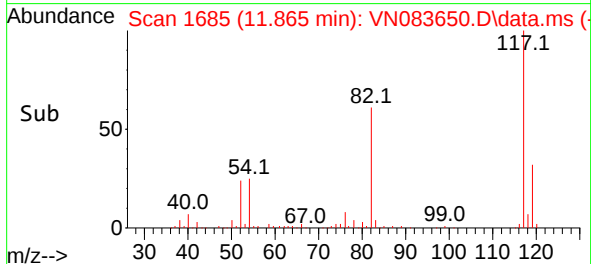
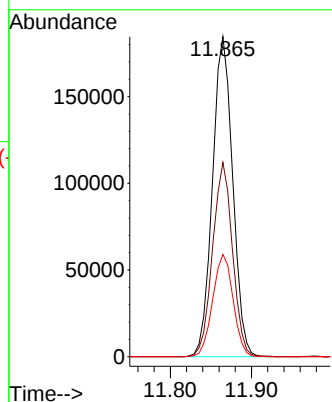
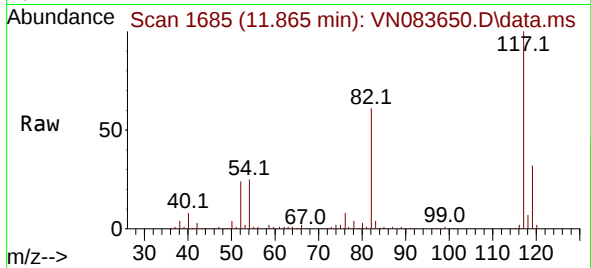




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

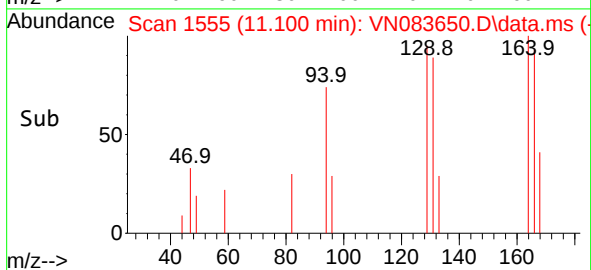
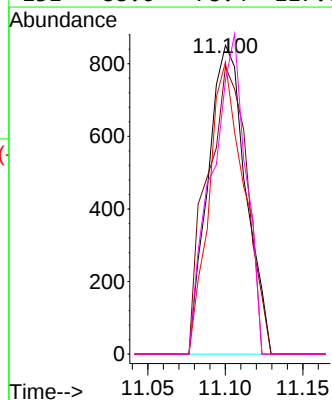
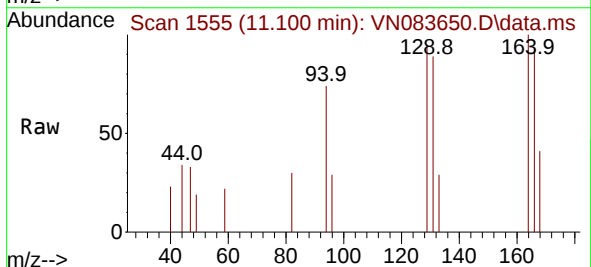
Instrument :
MSVOA_N
ClientSampleId :

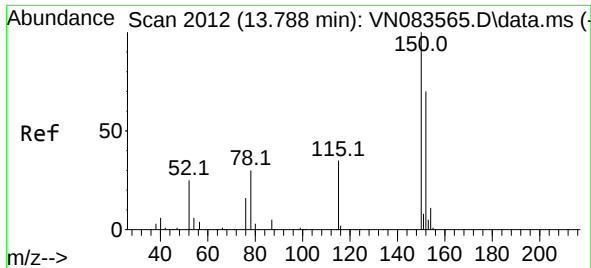
Tgt Ion:117 Resp: 319678
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 31.9 26.3 39.5



#64
Tetrachloroethene
Concen: 0.684 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN083650.D
Acq: 04 Sep 2024 15:30

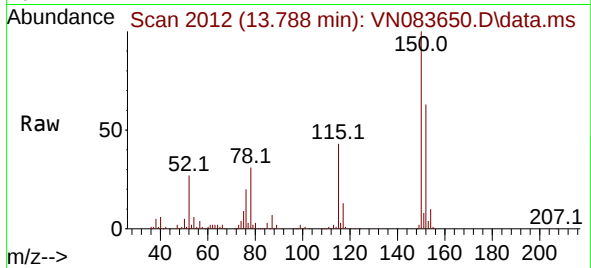
Tgt Ion:164 Resp: 1438
Ion Ratio Lower Upper
164 100
166 93.1 103.7 155.5#
129 94.6 79.9 119.9
131 88.6 78.4 117.6



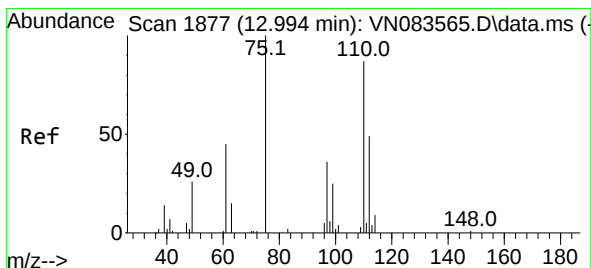
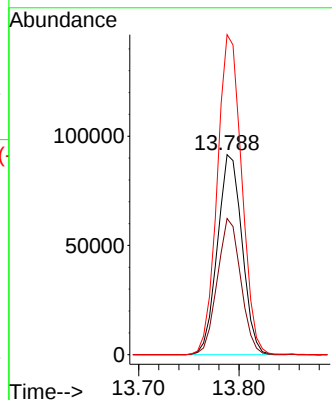
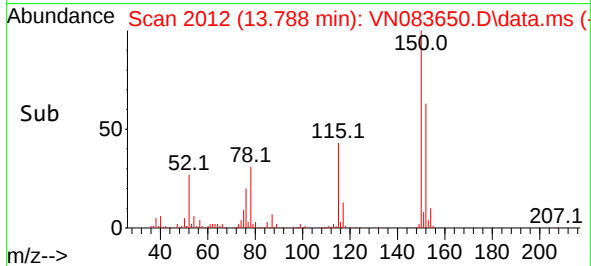


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN083650.D
 Acq: 04 Sep 2024 15:30

Instrument :
 MSVOA_N
 ClientSampleId :

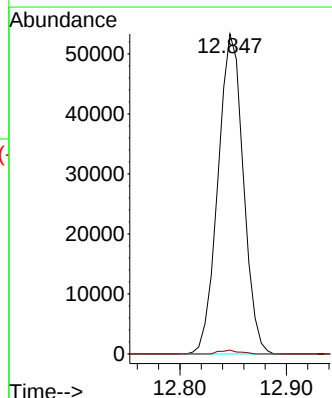
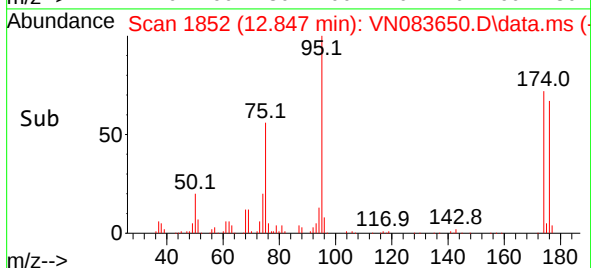
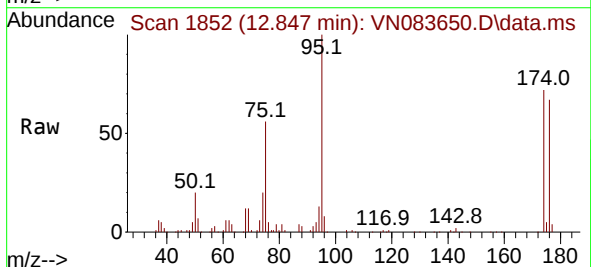


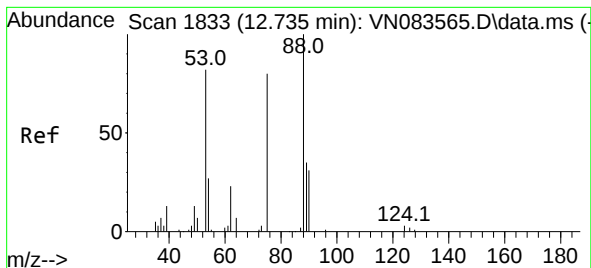
Tgt Ion:152 Resp: 155936
 Ion Ratio Lower Upper
 152 100
 115 65.2 32.2 96.6
 150 158.9 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 27.976 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083650.D
 Acq: 04 Sep 2024 15:30

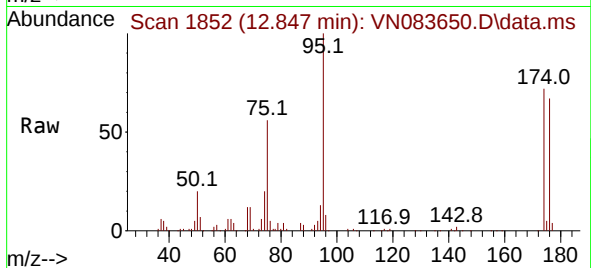
Tgt Ion: 75 Resp: 88078
 Ion Ratio Lower Upper
 75 100
 77 0.9 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.984 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083650.D
 Acq: 04 Sep 2024 15:30

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 88078
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

