

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
 Data File : VN083950.D
 Acq On : 17 Sep 2024 17:05
 Operator : JC\MD
 Sample : P3996-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 18 01:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

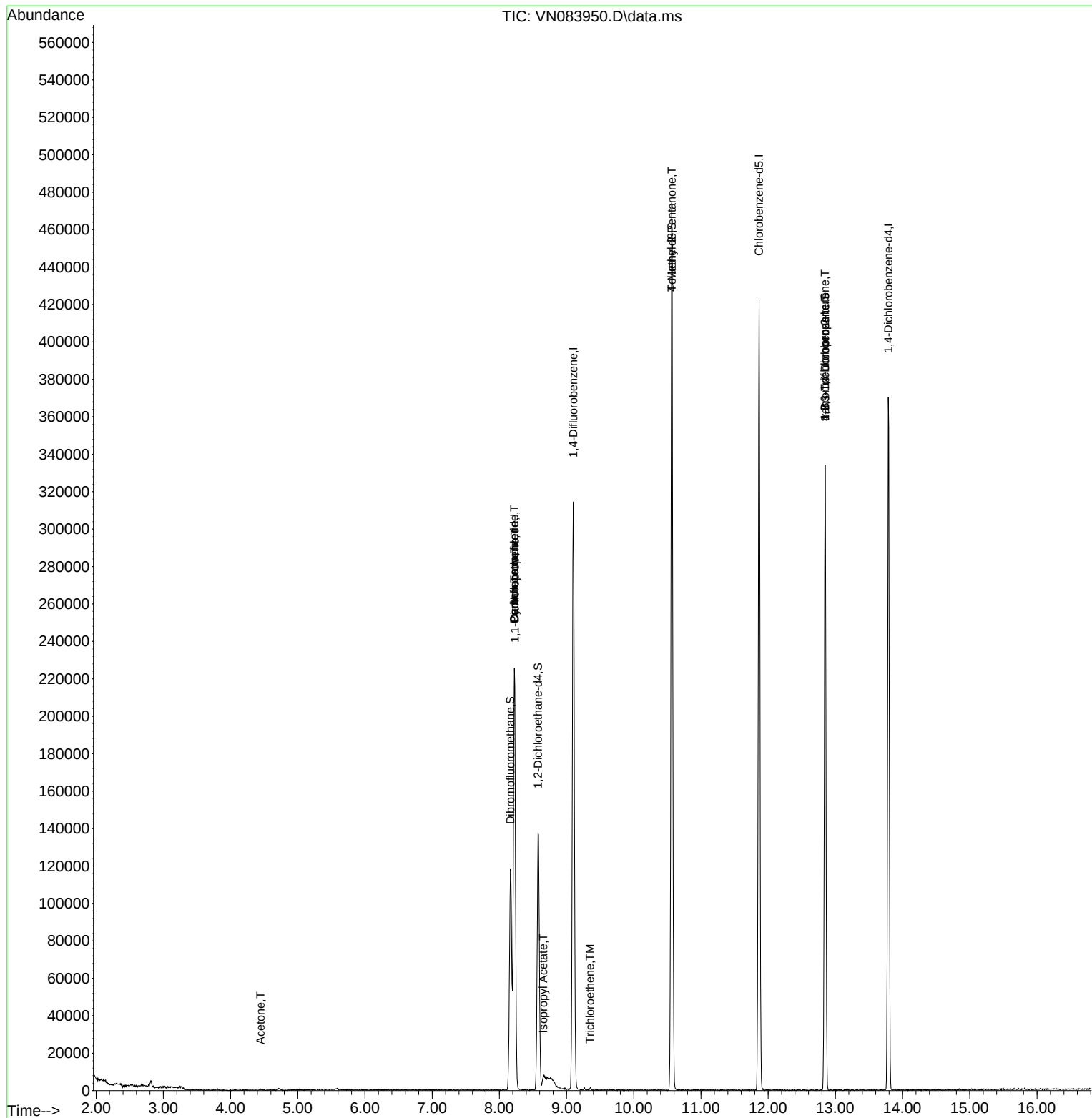
Internal Standards						
1) Pentafluorobenzene	8.224	168	151205	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	92966	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117505	51.538	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 103.080%		
35) Dibromofluoromethane	8.165	113	83079	49.960	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.920%		
50) Toluene-d8	10.565	98	311335	54.157	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.320%		
62) 4-Bromofluorobenzene	12.847	95	111635	47.067	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 94.140%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	913	Below Cal		100
16) Acetone	4.447	43	901	0.986 ug/l	#	45
18) Methyl Acetate	5.018	43	113	Below Cal	#	52
31) Cyclohexane	8.224	56	3942	1.196 ug/l	#	11
36) 1,1-Dichloropropene	8.230	75	14377	5.744 ug/l	#	48
38) Carbon Tetrachloride	8.224	117	18110	6.378 ug/l	#	16
43) Isopropyl Acetate	8.653	43	7419	1.802 ug/l	#	57
44) Trichloroethene	9.347	130	383	0.220 ug/l		66
51) 4-Methyl-2-Pentanone	10.565	43	1743	0.778 ug/l	#	1
76) 1,2,3-Trichloropropane	12.847	75	64106	34.174 ug/l	#	1
81) trans-1,4-Dichloro-2-b...	12.847	75	64106	89.504 ug/l	#	9

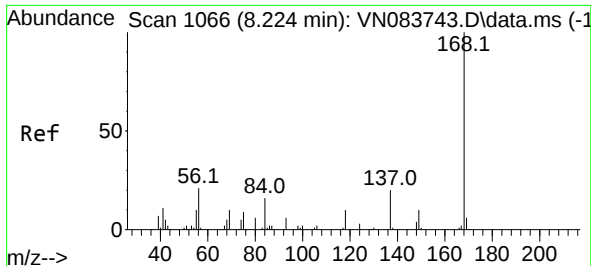
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091724\
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MSVOA_N
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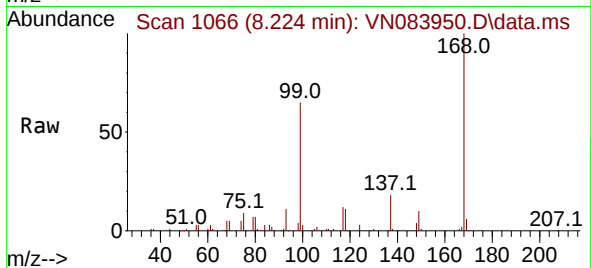
Quant Time: Sep 18 01:52:15 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



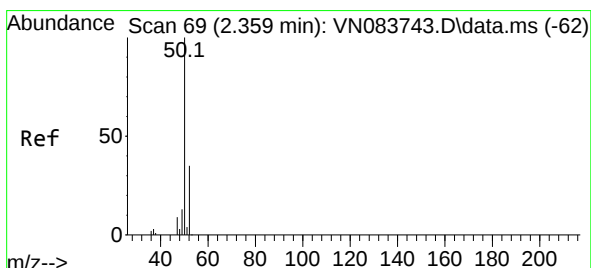
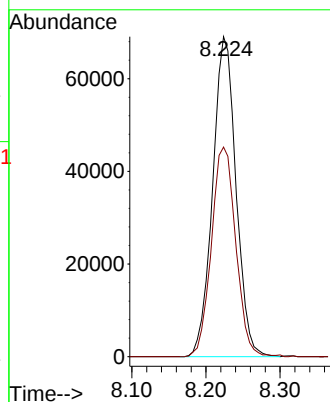
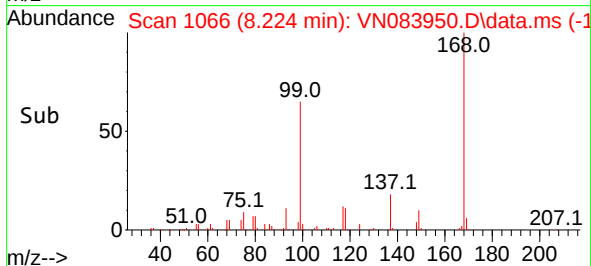


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :

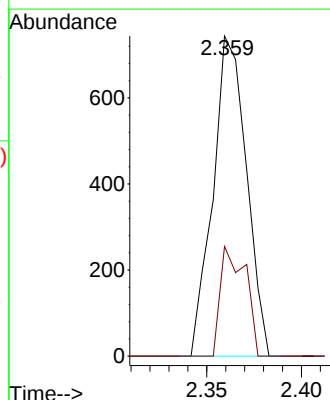
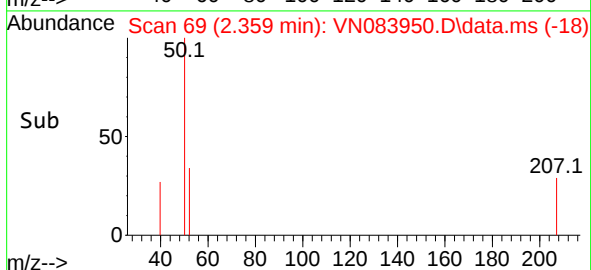
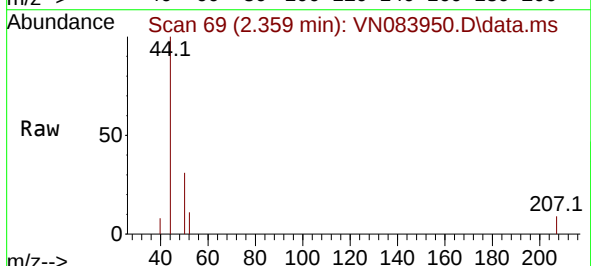


Tgt Ion:168 Resp: 151205
Ion Ratio Lower Upper
168 100
99 65.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion: 50 Resp: 913
Ion Ratio Lower Upper
50 100
52 34.3 27.2 40.8

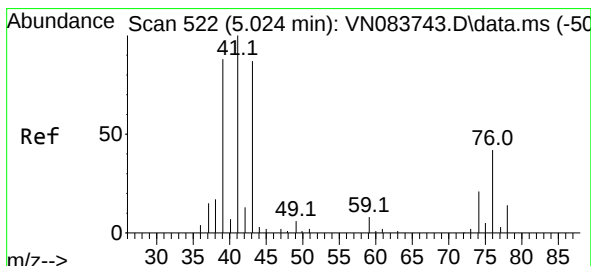
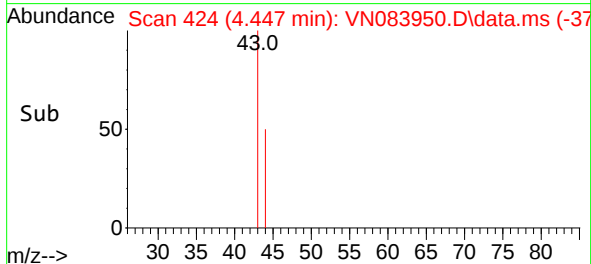
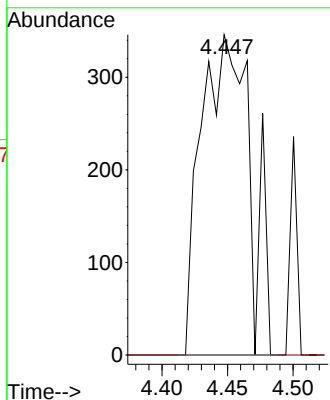
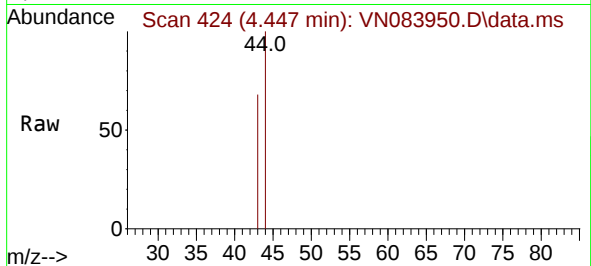




#16
Acetone
Concen: 0.986 ug/l
RT: 4.447 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

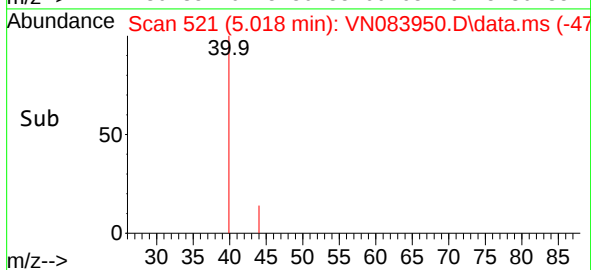
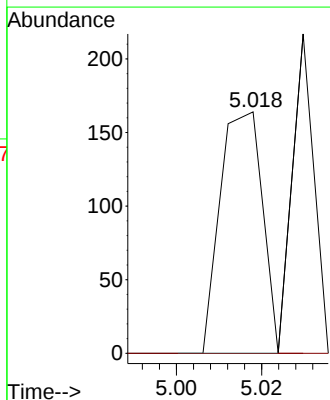
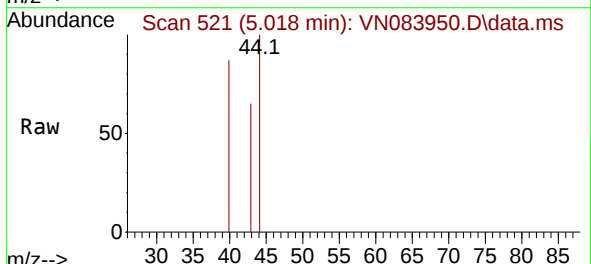
Instrument :
MSVOA_N
ClientSampleId :

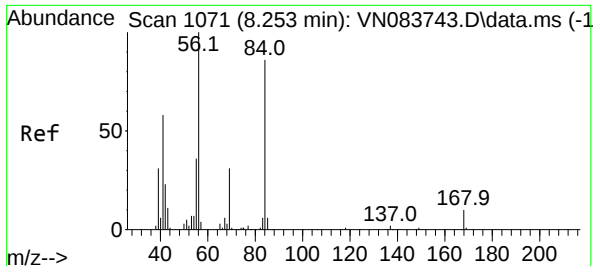
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: Below Cal
RT: 5.018 min Scan# 521
Delta R.T. -0.006 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

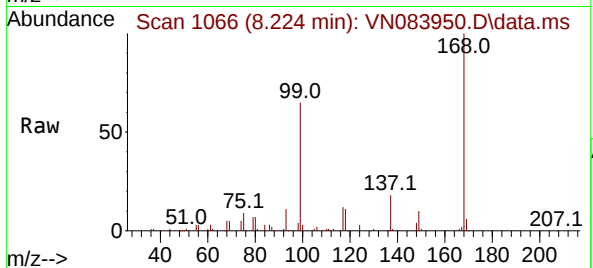
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



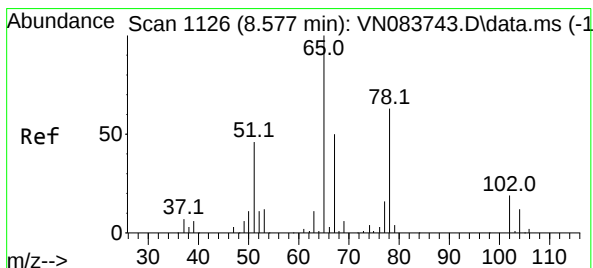
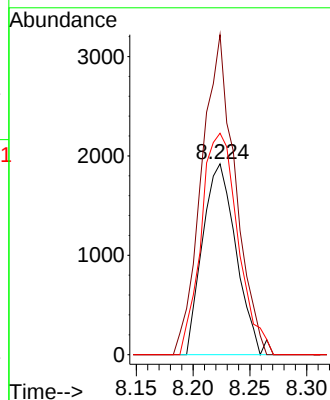
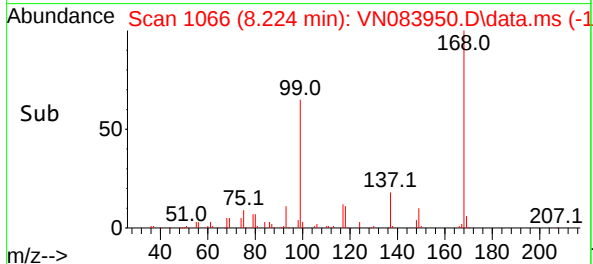


#31
Cyclohexane
Concen: 1.196 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Instrument :
MSVOA_N
ClientSampleId :

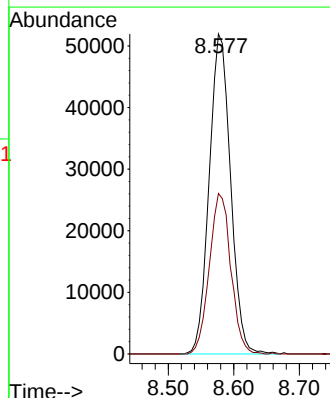
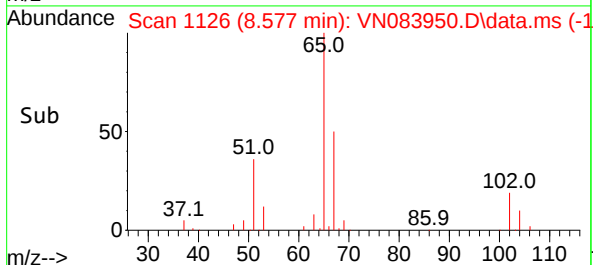
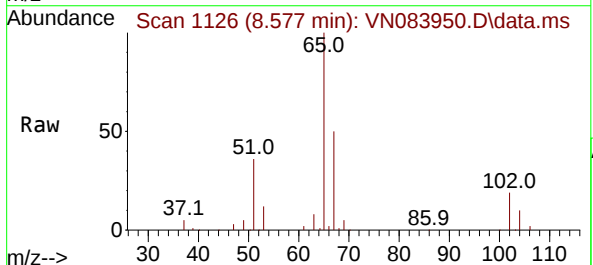


Tgt Ion: 56 Resp: 3942
Ion Ratio Lower Upper
56 100
69 167.6 26.9 40.3#
84 116.0 69.2 103.8#



#33
1,2-Dichloroethane-d4
Concen: 51.538 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion: 65 Resp: 117505
Ion Ratio Lower Upper
65 100
67 50.5 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :

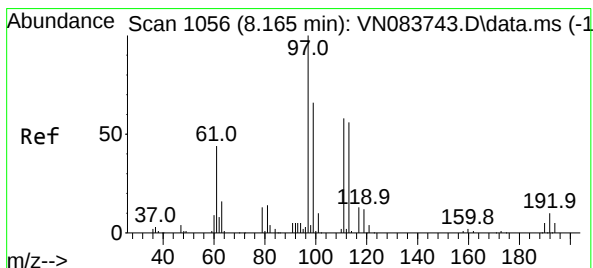
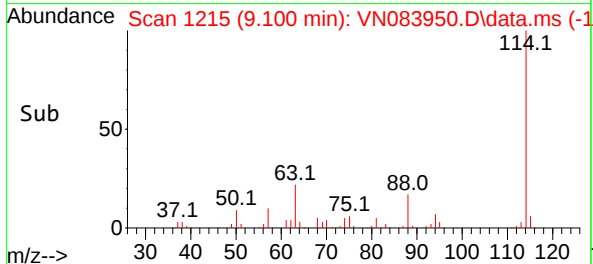
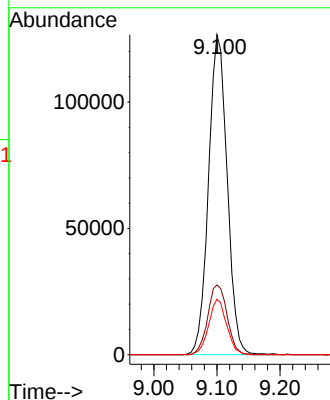
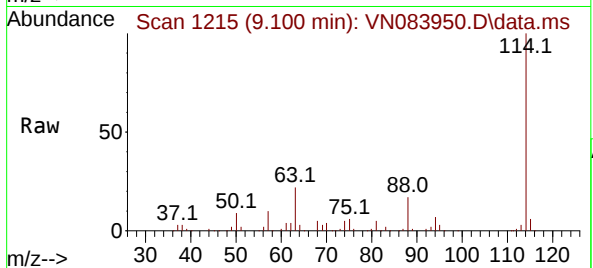
Tgt Ion:114 Resp: 259755

Ion Ratio Lower Upper

114 100

63 21.8 0.0 43.4

88 17.4 0.0 32.6



#35

Dibromofluoromethane

Concen: 49.960 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

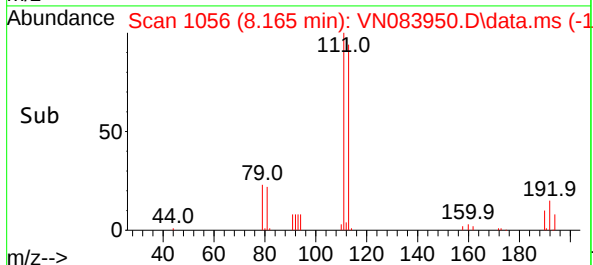
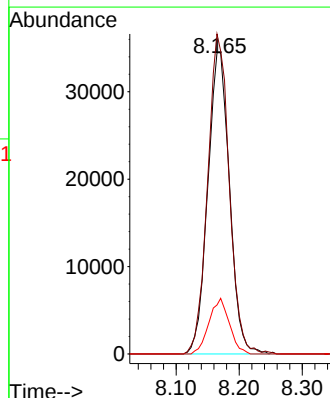
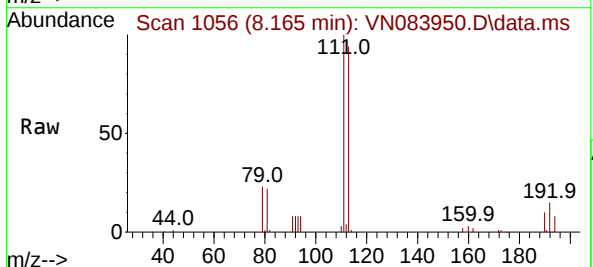
Tgt Ion:113 Resp: 83079

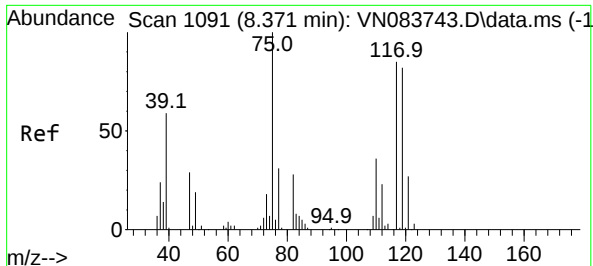
Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 17.1 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.744 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.141 min

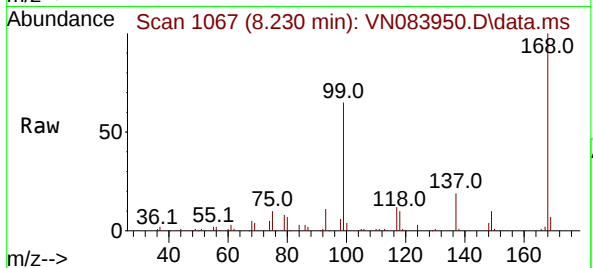
Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

Instrument :

MSVOA_N

ClientSampleId :



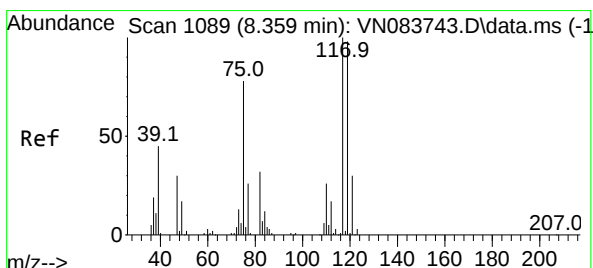
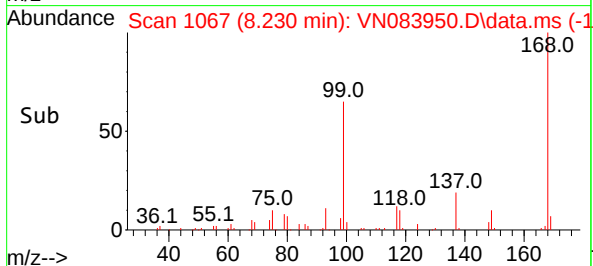
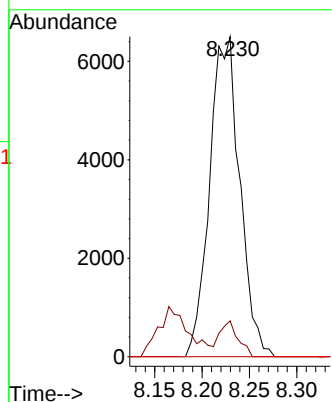
Tgt Ion: 75 Resp: 14377

Ion Ratio Lower Upper

75 100

110 6.7 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 6.378 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

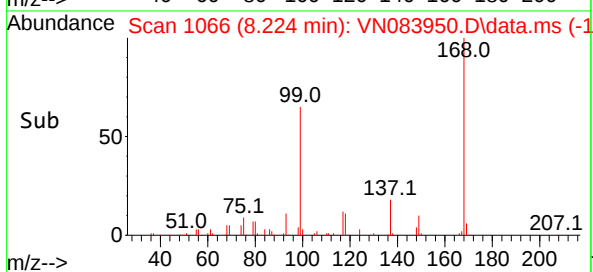
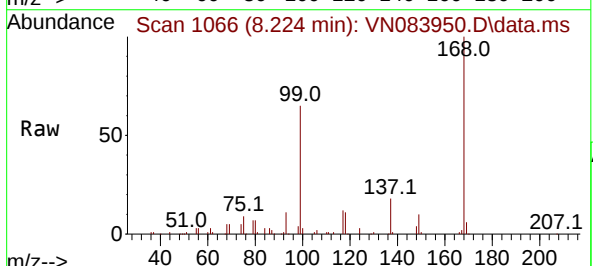
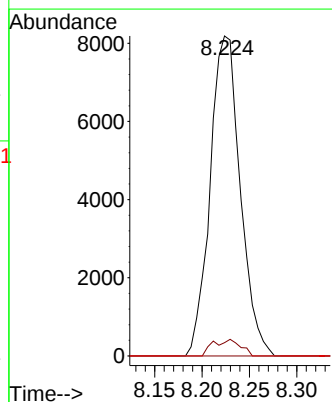
Tgt Ion: 117 Resp: 18110

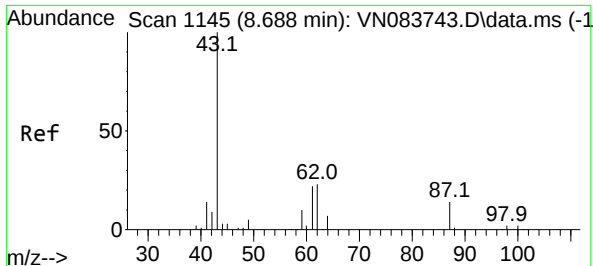
Ion Ratio Lower Upper

117 100

119 4.1 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: 1.802 ug/l

RT: 8.653 min Scan# 1139

Delta R.T. -0.035 min

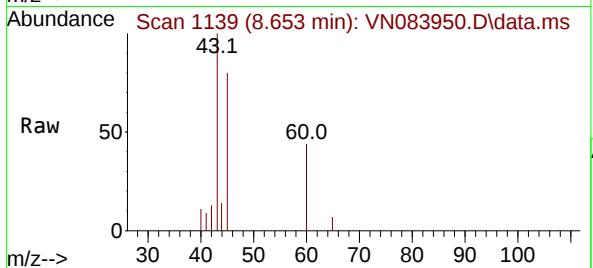
Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

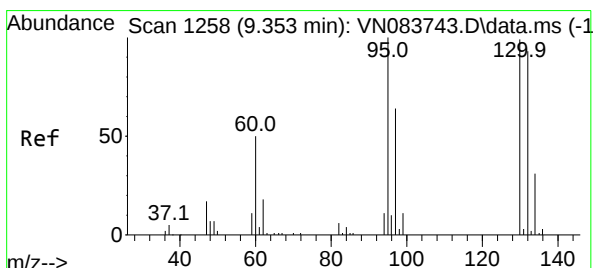
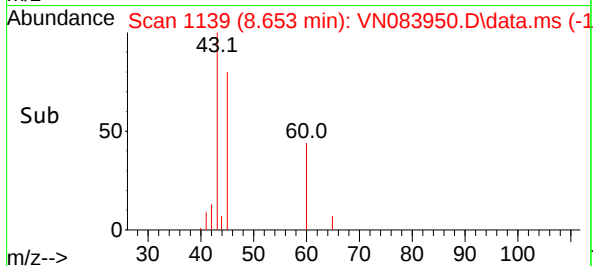
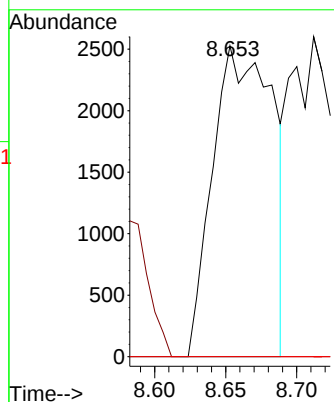
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43	Resp: 7419
Ion Ratio	Lower Upper
43	100
61	0.0 19.4 29.0#
87	0.0 9.8 14.6#



#44

Trichloroethene

Concen: 0.220 ug/l

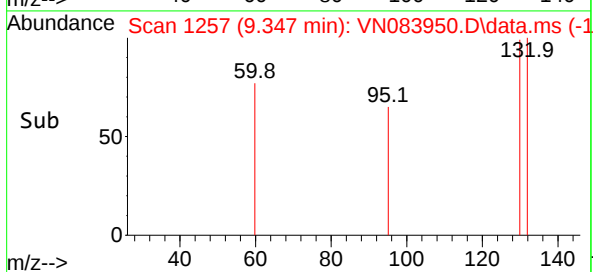
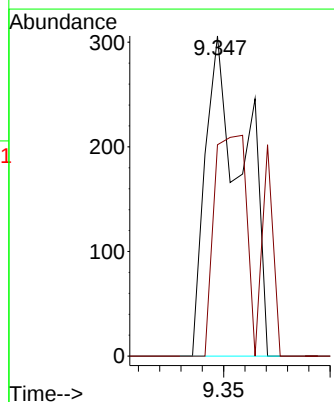
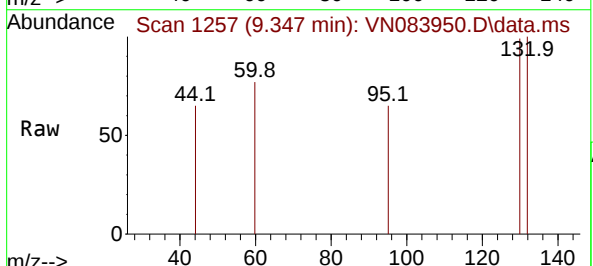
RT: 9.347 min Scan# 1257

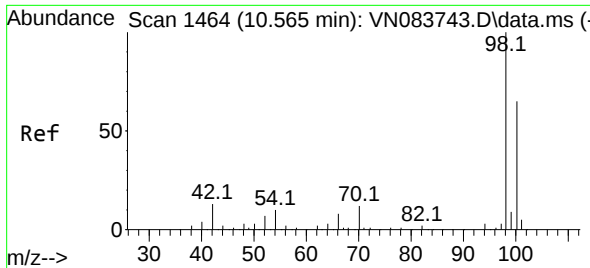
Delta R.T. -0.006 min

Lab File: VN083950.D

Acq: 17 Sep 2024 17:05

Tgt Ion: 130	Resp: 383
Ion Ratio	Lower Upper
130	100
95	66.0 0.0 200.4

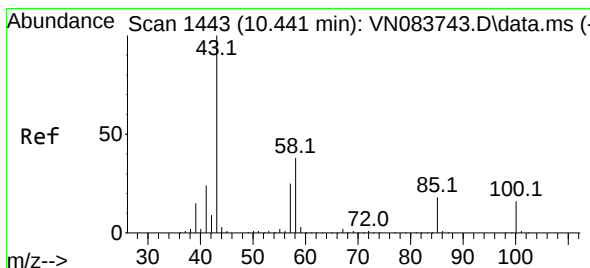
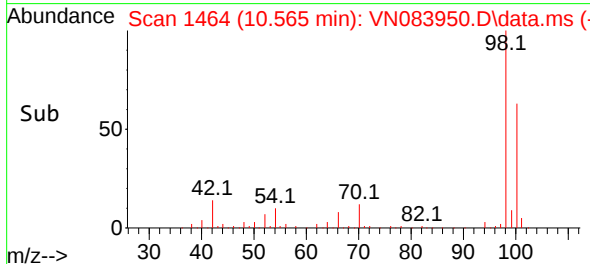
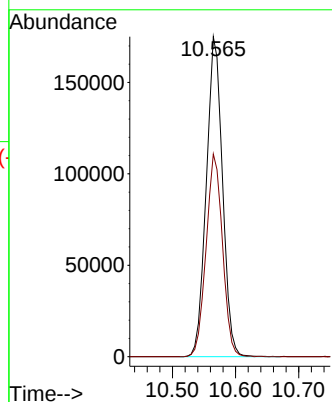
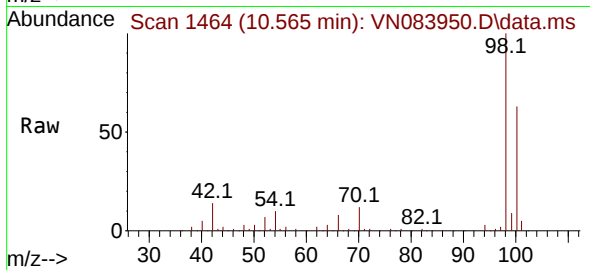




#50
Toluene-d8
Concen: 54.157 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

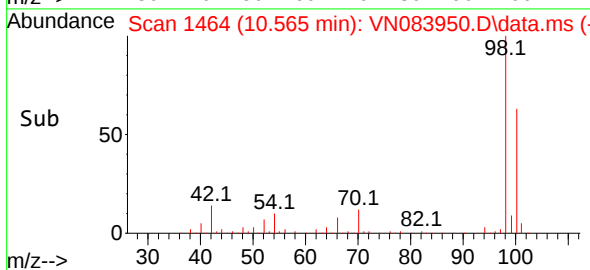
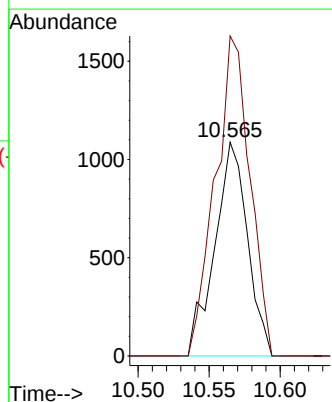
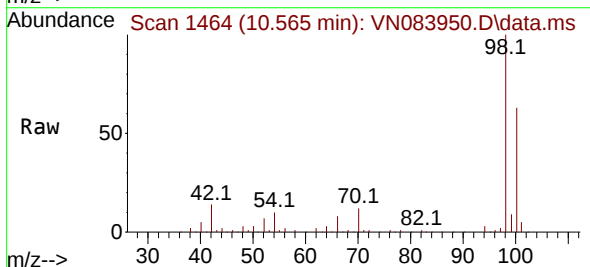
Instrument :
MSVOA_N
ClientSampleId :

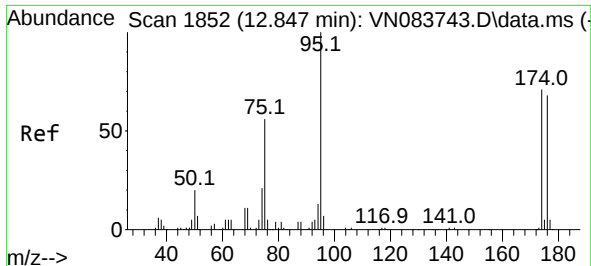
Tgt Ion: 98 Resp: 311335
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.778 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

Tgt Ion: 43 Resp: 1743
Ion Ratio Lower Upper
43 100
58 158.6 31.6 47.4#

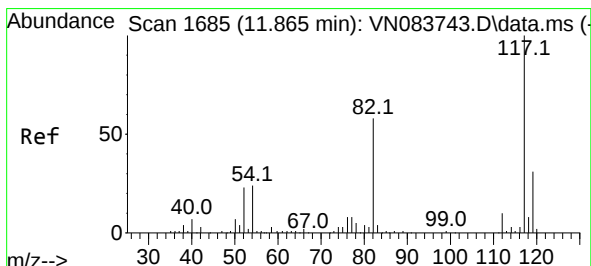
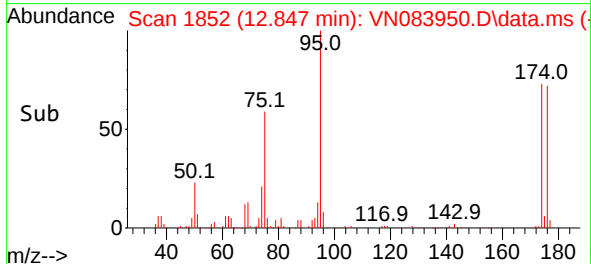
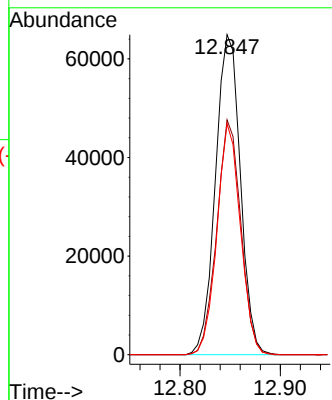
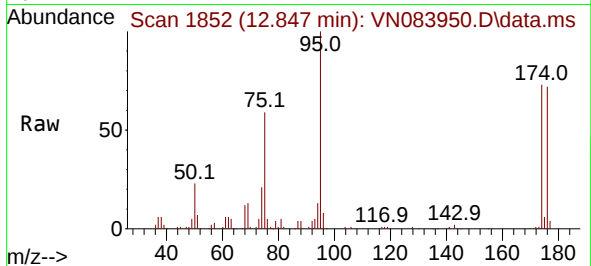




#62
4-Bromofluorobenzene
Concen: 47.067 ug/l
RT: 12.847 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

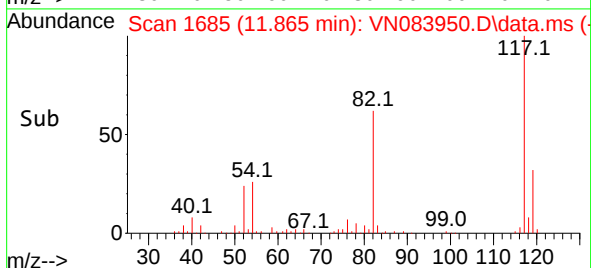
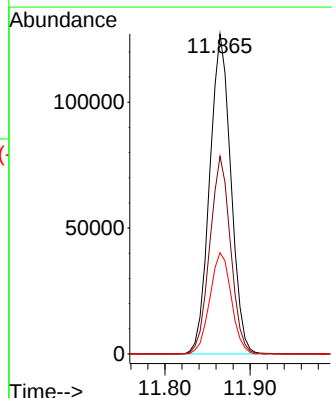
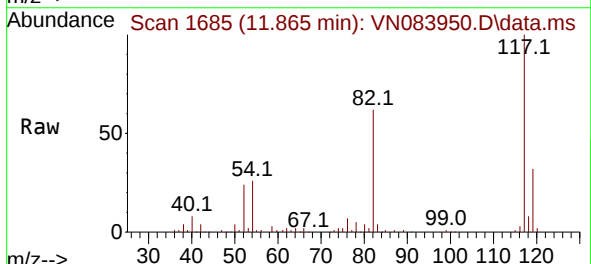
Instrument :
MSVOA_N
ClientSampleId :

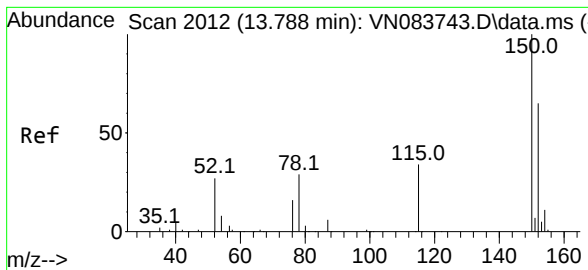
Tgt Ion: 95 Resp: 111635
Ion Ratio Lower Upper
95 100
174 70.9 0.0 139.8
176 68.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083950.D
Acq: 17 Sep 2024 17:05

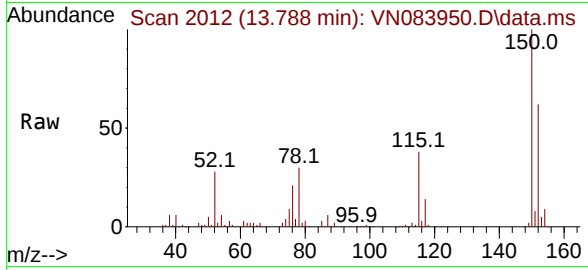
Tgt Ion: 117 Resp: 219906
Ion Ratio Lower Upper
117 100
82 61.8 47.4 71.0
119 31.7 26.3 39.5



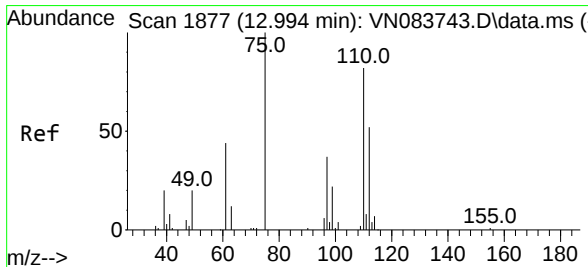
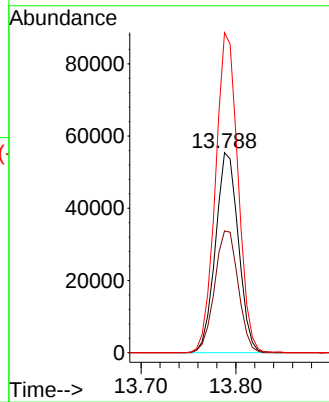
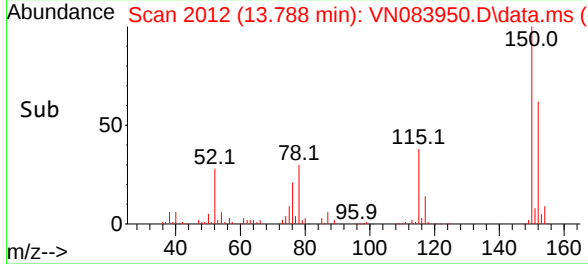


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083950.D
 Acq: 17 Sep 2024 17:05

Instrument :
 MSVOA_N
 ClientSampleId :

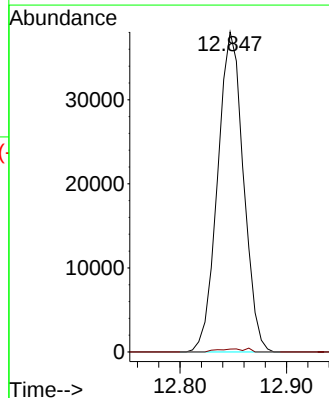
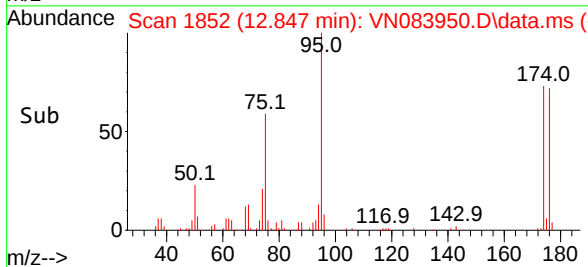
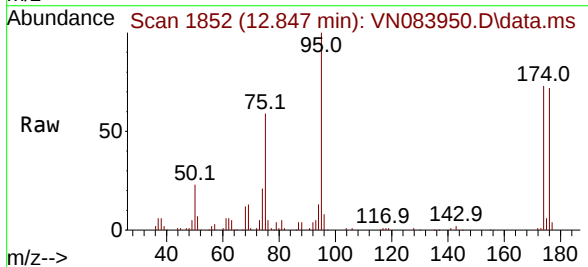


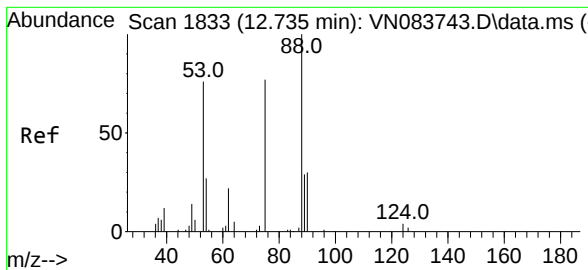
Tgt Ion:152 Resp: 92966
 Ion Ratio Lower Upper
 152 100
 115 62.8 32.2 96.6
 150 157.5 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 34.174 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN083950.D
 Acq: 17 Sep 2024 17:05

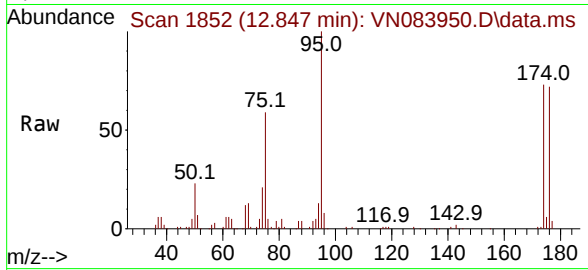
Tgt Ion: 75 Resp: 64106
 Ion Ratio Lower Upper
 75 100
 77 1.1 95.2 285.6#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.504 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN083950.D
 Acq: 17 Sep 2024 17:05

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 64106
 Ion Ratio Lower Upper
 75 100
 53 0.0 81.2 121.8#
 89 0.0 35.7 53.5#

