

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084269.D
 Acq On : 02 Oct 2024 16:57
 Operator : JC\MD
 Sample : P4226-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:01:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	159012	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	238997	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118315	50.183	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.360%	
35) Dibromofluoromethane	8.165	113	92438	50.961	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.920%	
50) Toluene-d8	10.565	98	330561	49.533	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.847	95	112499	46.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 92.540%	

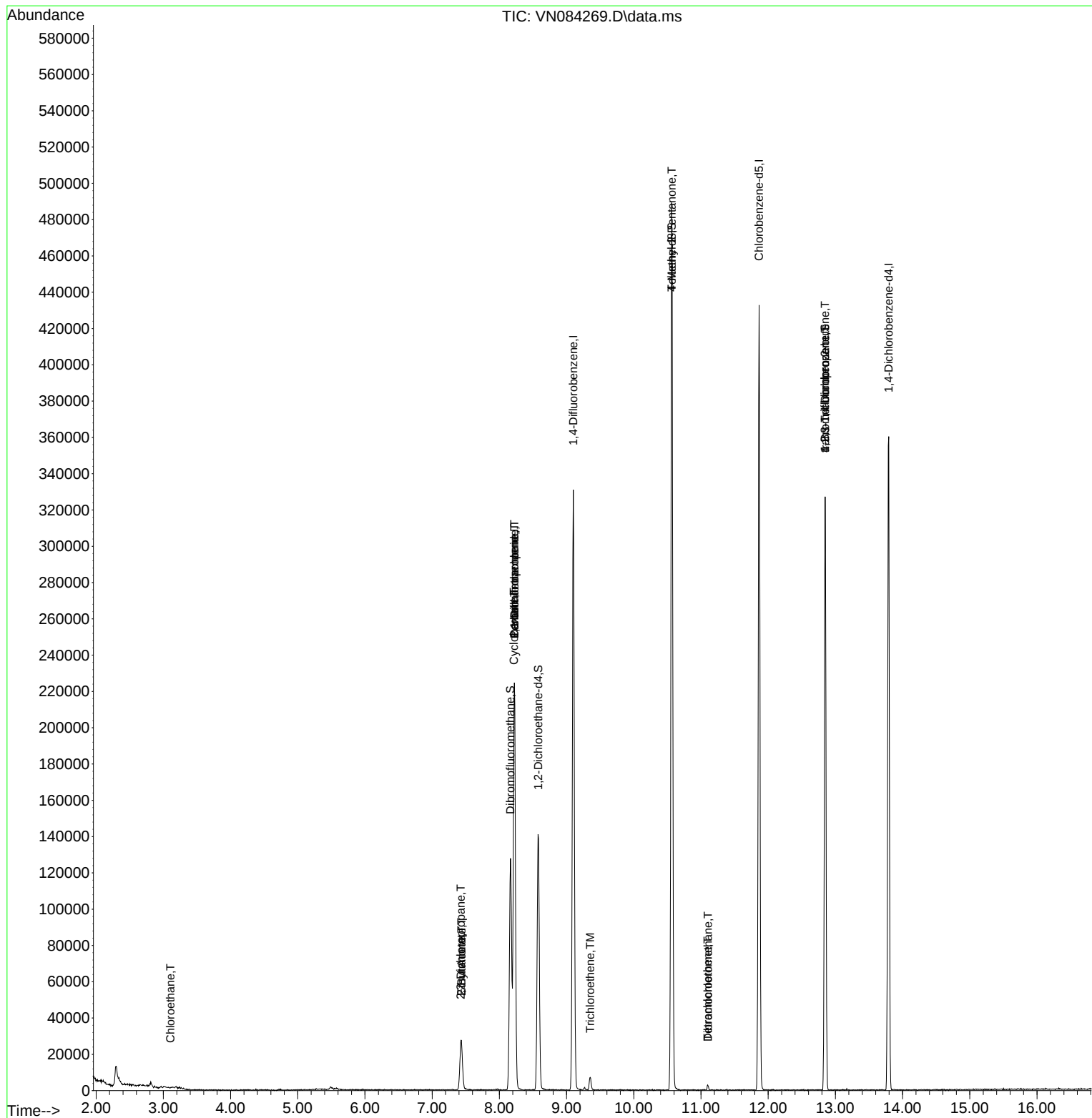
Target Compounds			Qvalue			
6) Chloroethane	3.106	64	426	0.286	ug/l #	45
25) 2-Butanone	7.435	43	1292	0.937	ug/l #	48
26) 2,2-Dichloropropane	7.424	77	1782	0.550	ug/l #	54
31) Cyclohexane	8.218	56	4131	1.183	ug/l #	43
36) 1,1-Dichloropropene	8.224	75	14553	5.523	ug/l #	50
37) Ethyl Acetate	7.435	43	1292	0.478	ug/l #	1
38) Carbon Tetrachloride	8.224	117	17210	5.955	ug/l #	15
44) Trichloroethene	9.353	130	2943	1.535	ug/l	76
51) 4-Methyl-2-Pentanone	10.565	43	1337	0.520	ug/l #	1
60) Dibromochloromethane	11.106	129	647	0.305	ug/l #	11
64) Tetrachloroethene	11.100	164	593	0.356	ug/l	86
76) 1,2,3-Trichloropropane	12.847	75	60579	30.824	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60579	73.899	ug/l #	11

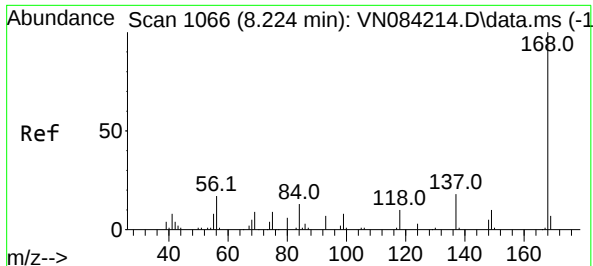
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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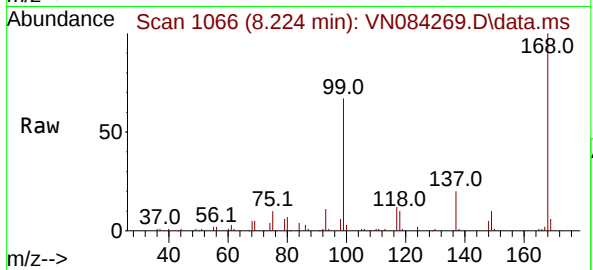
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



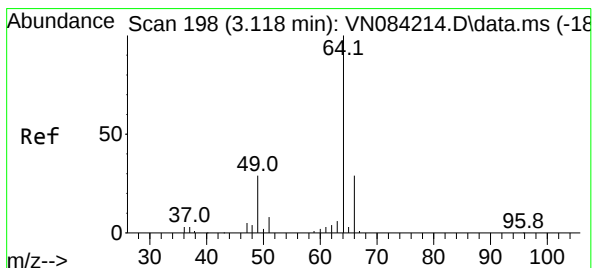
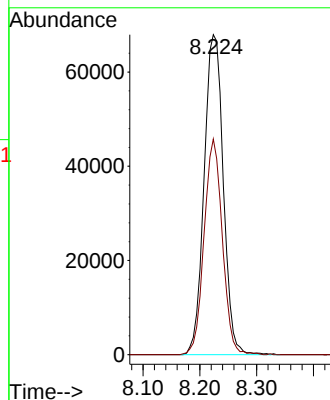
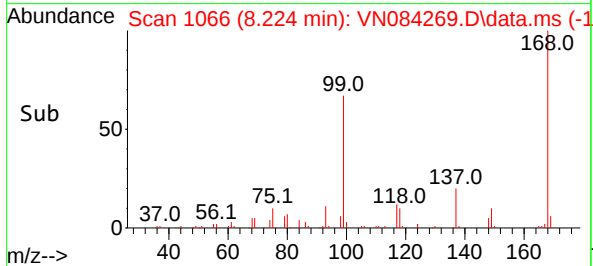


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

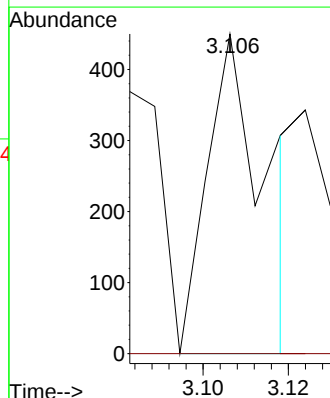
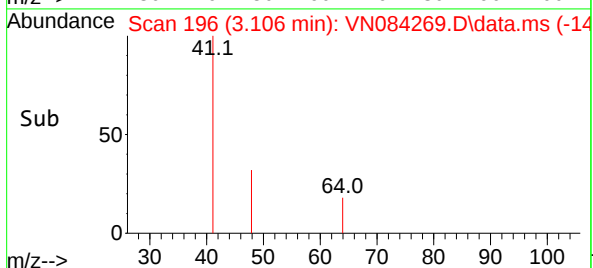
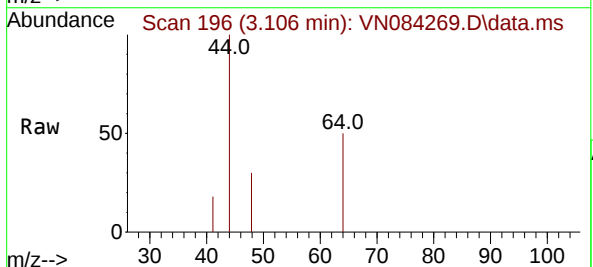


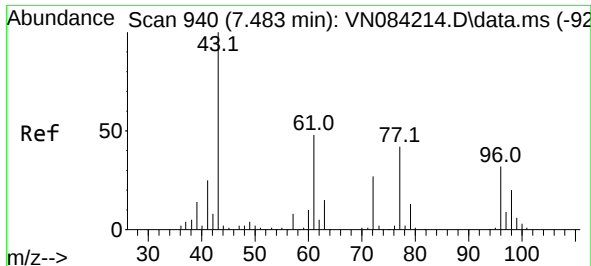
Tgt Ion:168 Resp: 159012
Ion Ratio Lower Upper
168 100
99 67.4 54.2 81.2



#6
Chloroethane
Concen: 0.286 ug/l
RT: 3.106 min Scan# 196
Delta R.T. -0.012 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Tgt Ion: 64 Resp: 426
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#

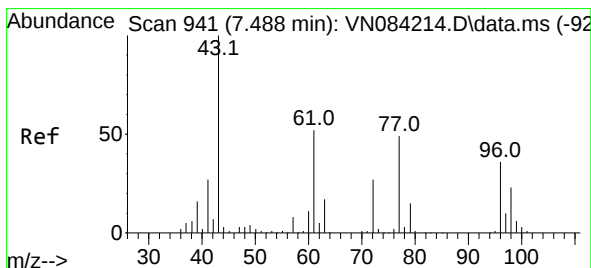
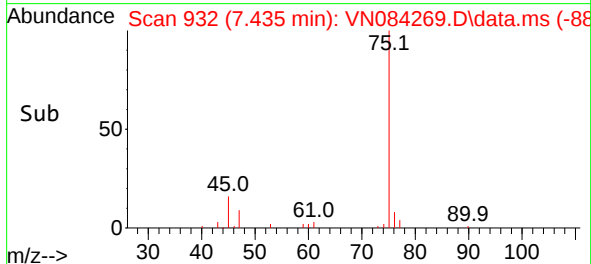
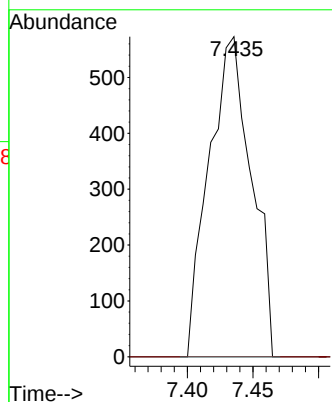
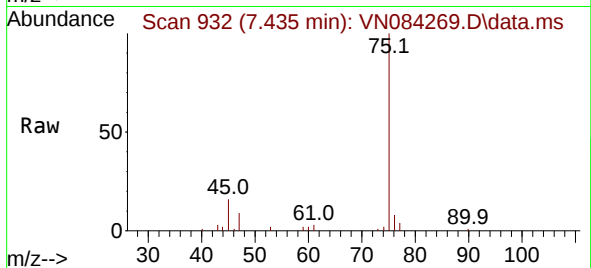




#25
2-Butanone
Concen: 0.937 ug/l
RT: 7.435 min Scan# 91
Delta R.T. -0.047 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

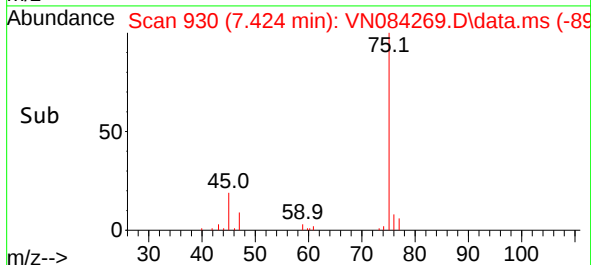
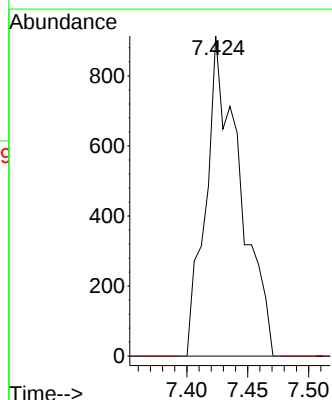
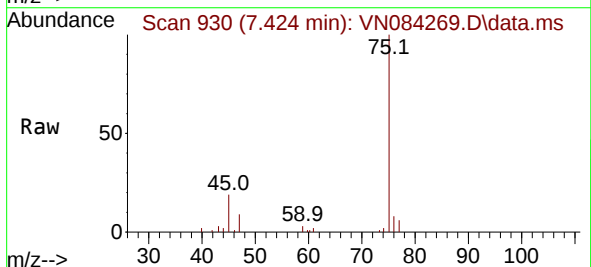
Instrument :
MSVOA_N
ClientSampleId :

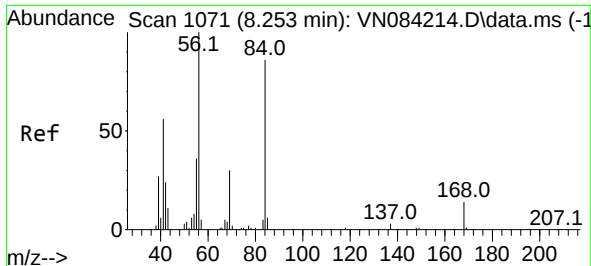
Tgt Ion: 43 Resp: 1292
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.550 ug/l
RT: 7.424 min Scan# 930
Delta R.T. -0.065 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

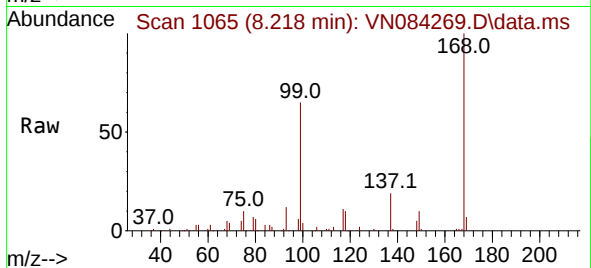
Tgt Ion: 77 Resp: 1782
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



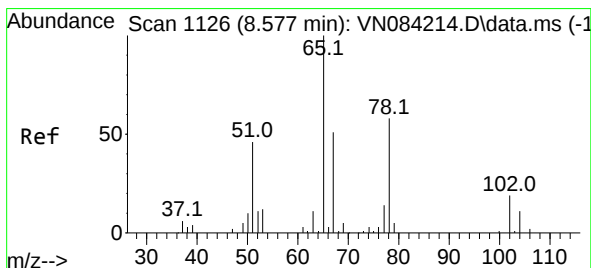
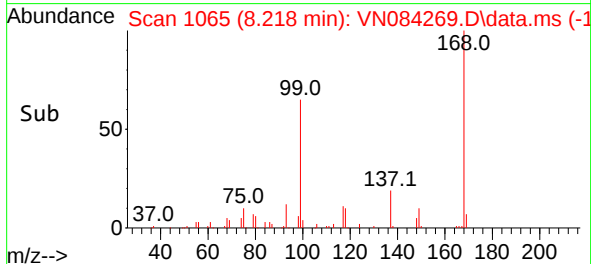
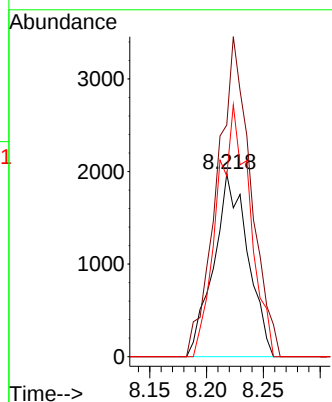


#31
Cyclohexane
Concen: 1.183 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

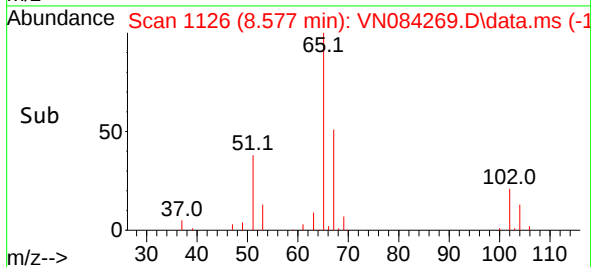
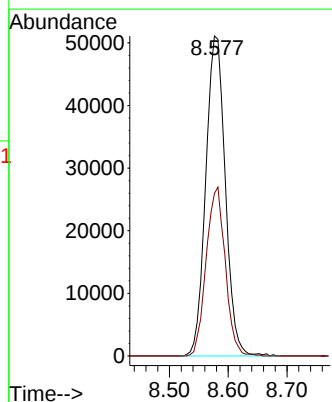
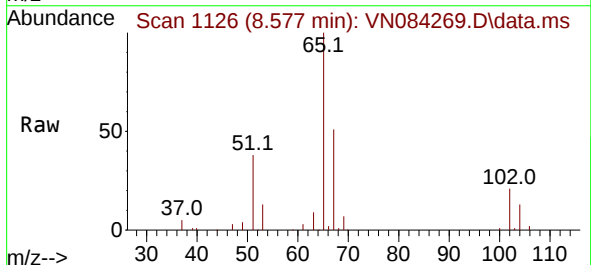


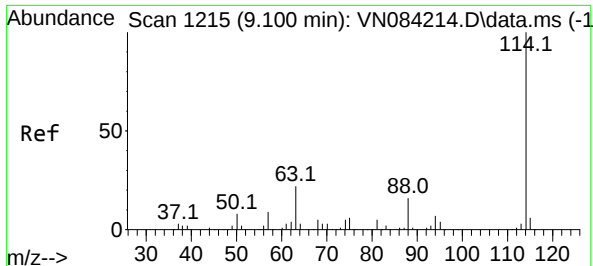
Tgt Ion: 56 Resp: 4131
Ion Ratio Lower Upper
56 100
69 126.7 23.8 35.6#
84 98.8 68.8 103.2



#33
1,2-Dichloroethane-d4
Concen: 50.183 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Tgt Ion: 65 Resp: 118315
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN084269.D

Acq: 02 Oct 2024 16:57

Instrument :

MSVOA_N

ClientSampleId :

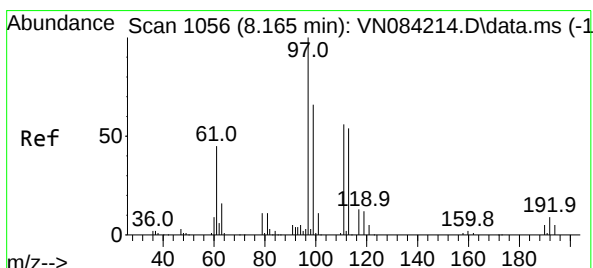
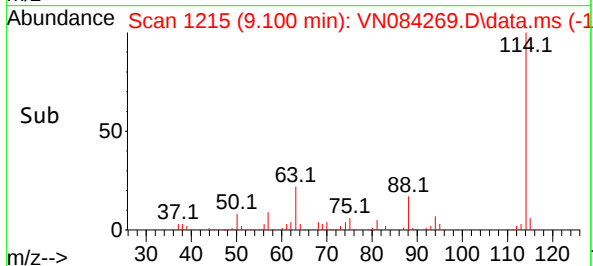
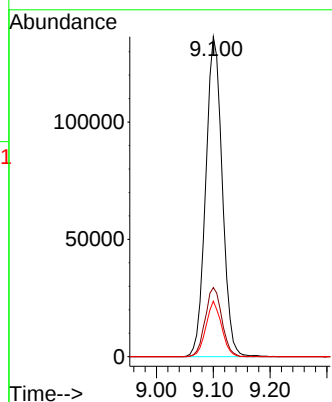
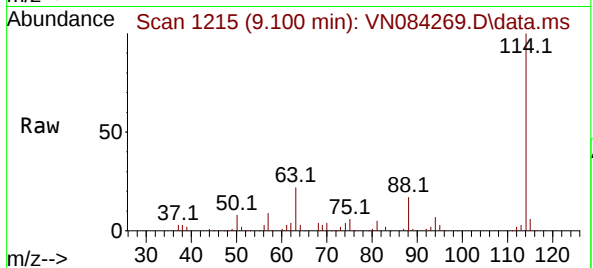
Tgt Ion:114 Resp: 275142

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.8

88 17.3 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.961 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084269.D

Acq: 02 Oct 2024 16:57

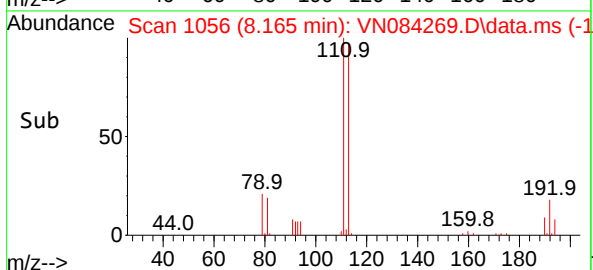
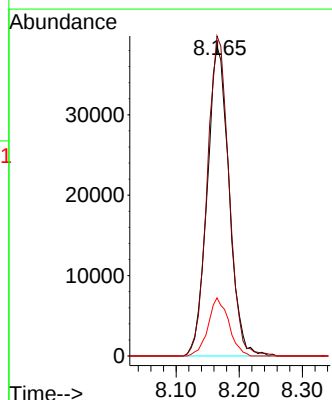
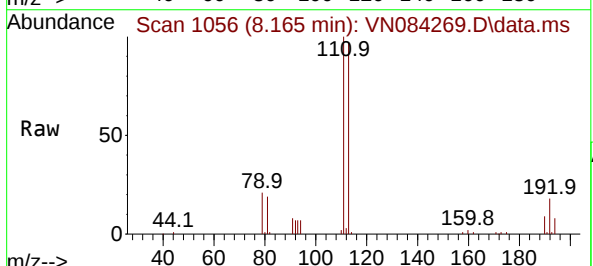
Tgt Ion:113 Resp: 92438

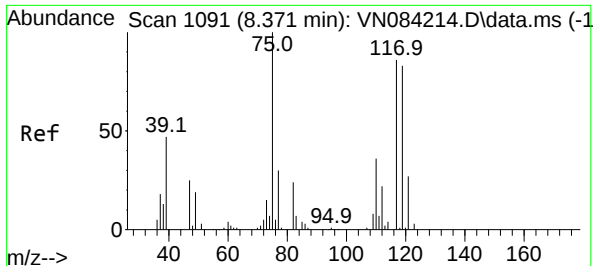
Ion Ratio Lower Upper

113 100

111 102.6 83.3 124.9

192 17.8 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.523 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

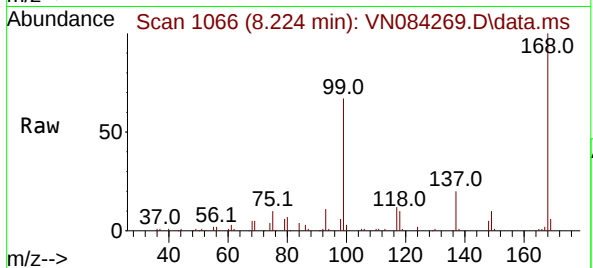
Lab File: VN084269.D

Acq: 02 Oct 2024 16:57

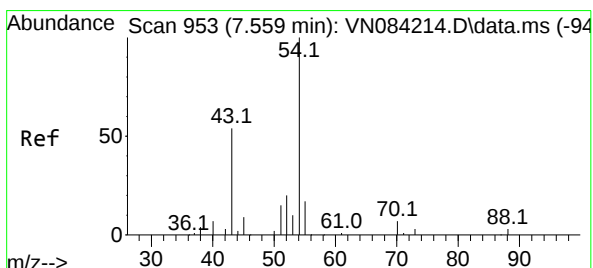
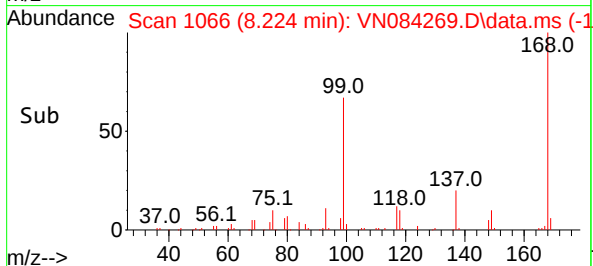
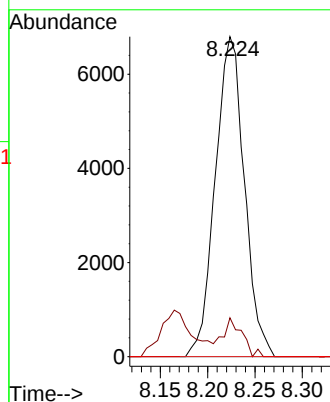
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 75	Resp: 14553
Ion Ratio	Lower Upper
75	100
110	8.1 16.9 50.7#
77	0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.478 ug/l

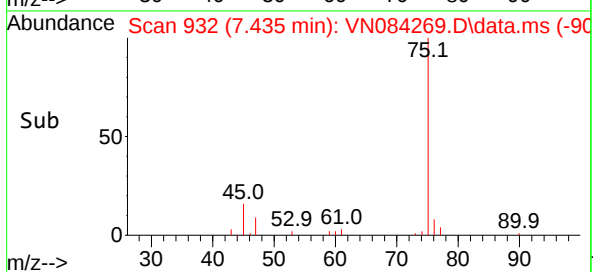
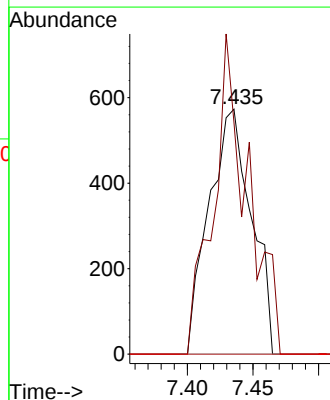
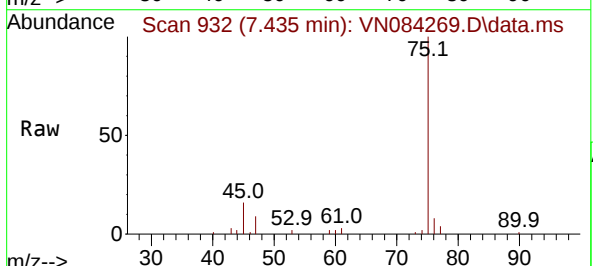
RT: 7.435 min Scan# 932

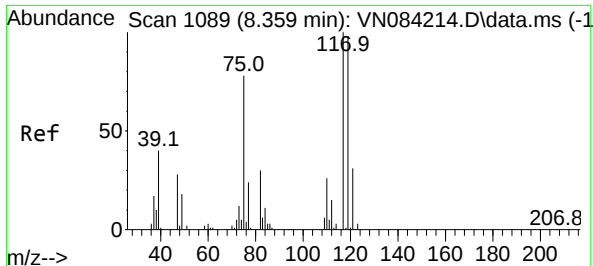
Delta R.T. -0.124 min

Lab File: VN084269.D

Acq: 02 Oct 2024 16:57

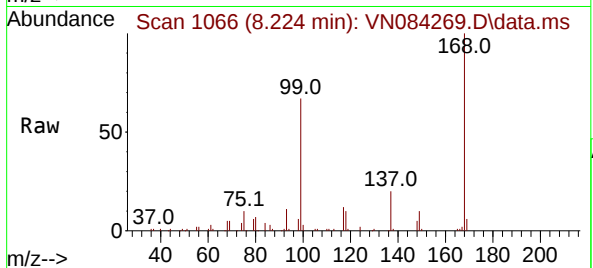
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Ion Ratio	Lower Upper
43	100
61	106.0 10.7 16.1#
70	0.0 8.8 13.2#



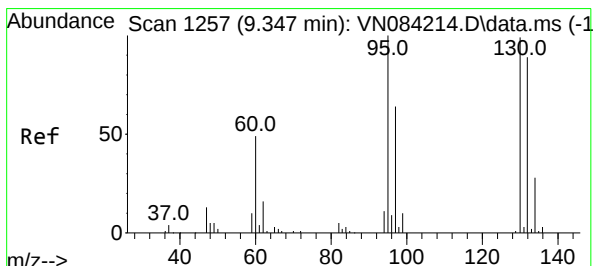
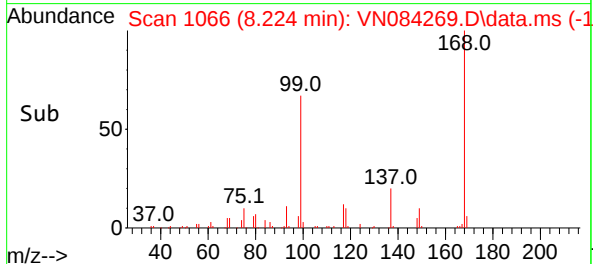
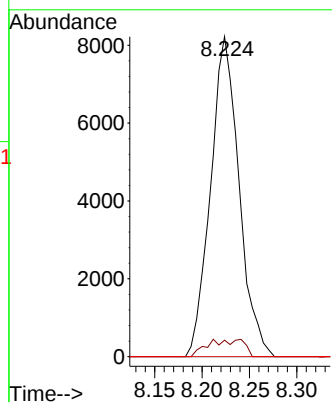


#38
Carbon Tetrachloride
Concen: 5.955 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

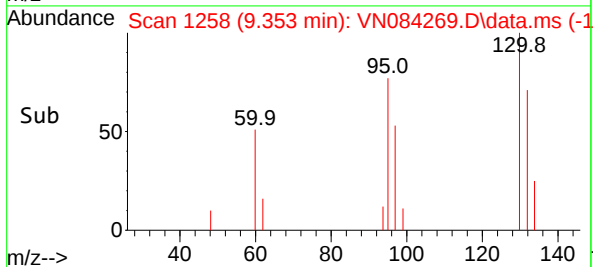
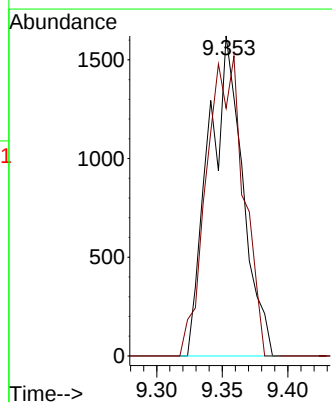
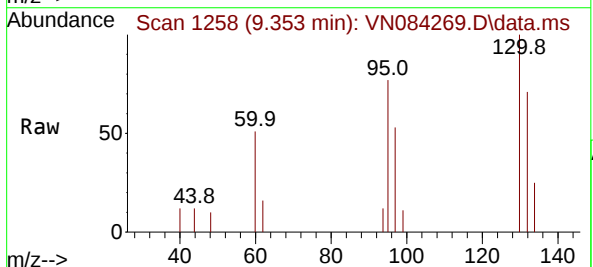


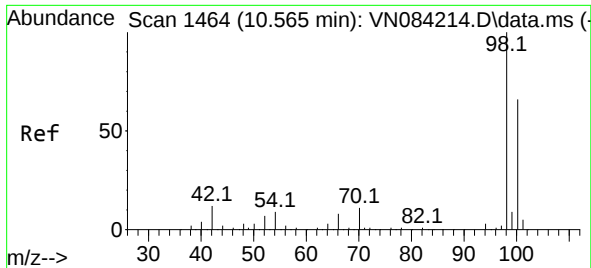
Tgt Ion:117 Resp: 17210
Ion Ratio Lower Upper
117 100
119 5.2 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 1.535 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Tgt Ion:130 Resp: 2943
Ion Ratio Lower Upper
130 100
95 77.4 0.0 203.0

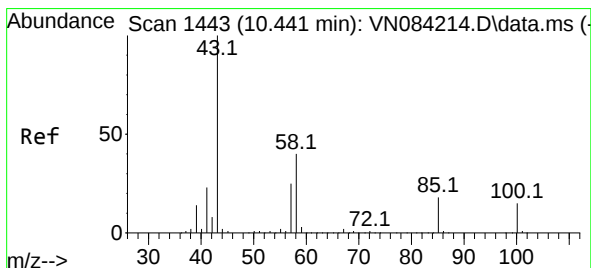
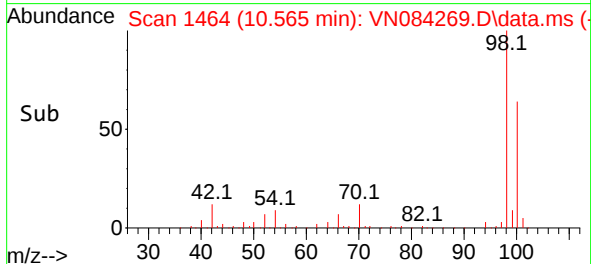
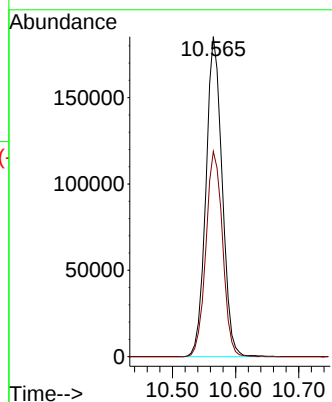
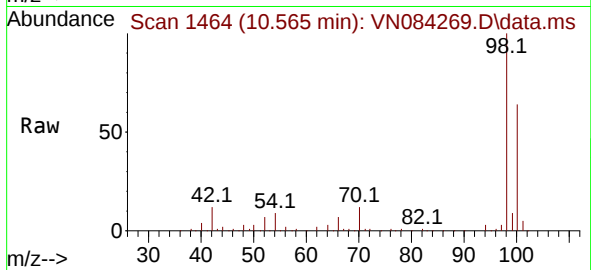




#50
Toluene-d8
Concen: 49.533 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

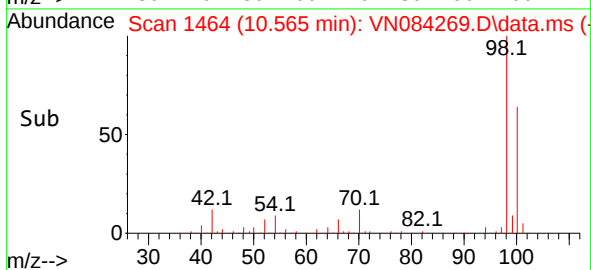
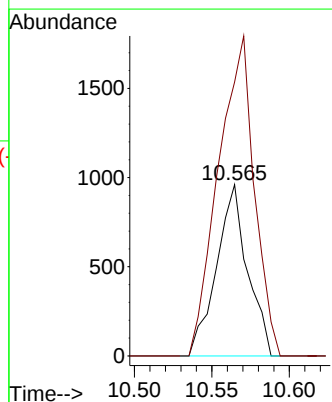
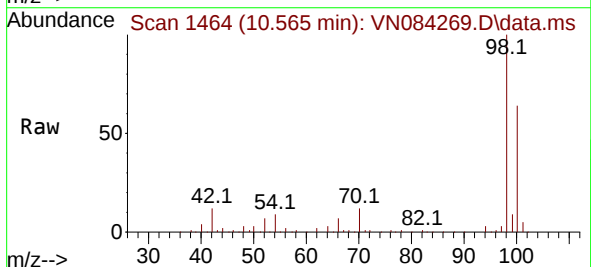
Instrument :
MSVOA_N
ClientSampleId :

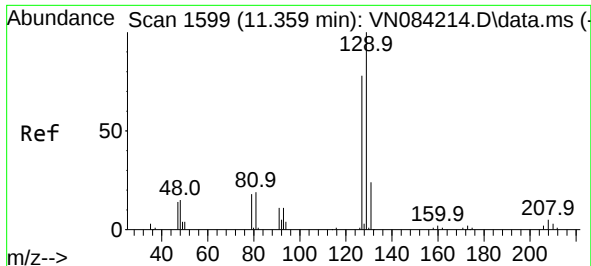
Tgt Ion: 98 Resp: 330561
Ion Ratio Lower Upper
98 100
100 65.6 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.520 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Tgt Ion: 43 Resp: 1337
Ion Ratio Lower Upper
43 100
58 216.4 31.6 47.4#

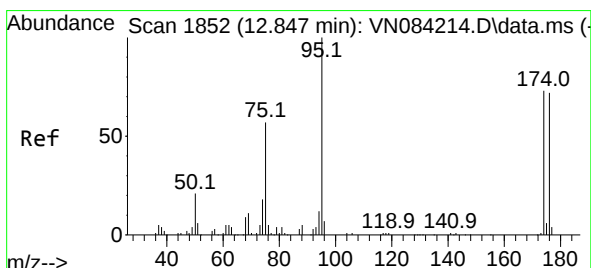
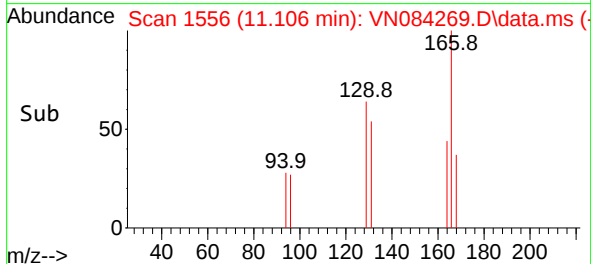
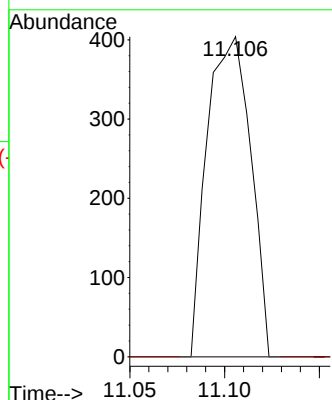
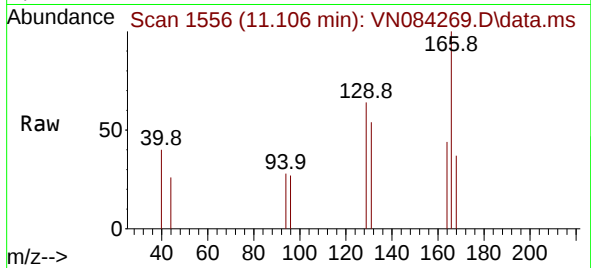




#60
Dibromochloromethane
Concen: 0.305 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.253 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

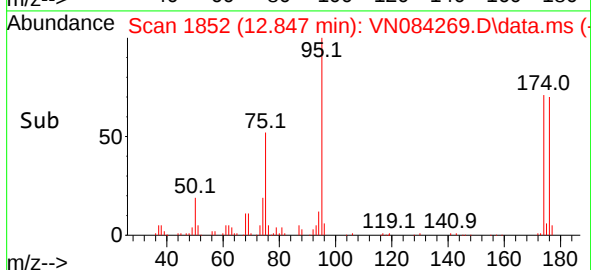
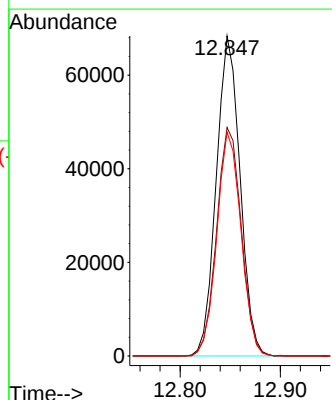
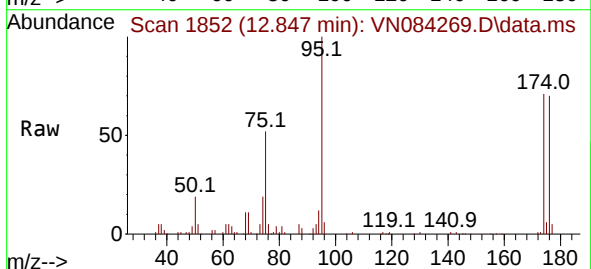
Instrument :
MSVOA_N
ClientSampleId :

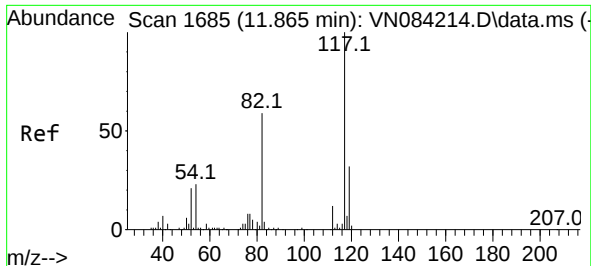
Tgt Ion:129 Resp: 647
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 46.272 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

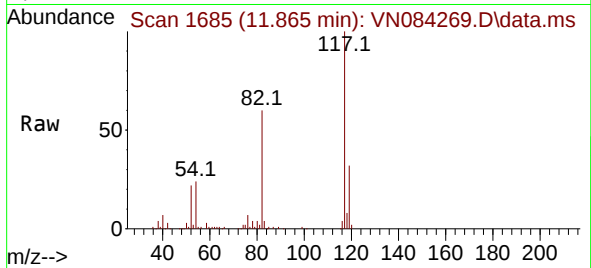
Tgt Ion: 95 Resp: 112499
Ion Ratio Lower Upper
95 100
174 74.1 0.0 145.2
176 71.0 0.0 140.0



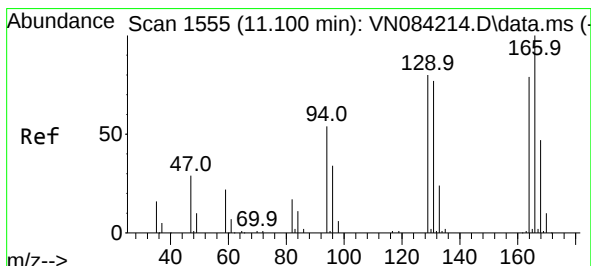
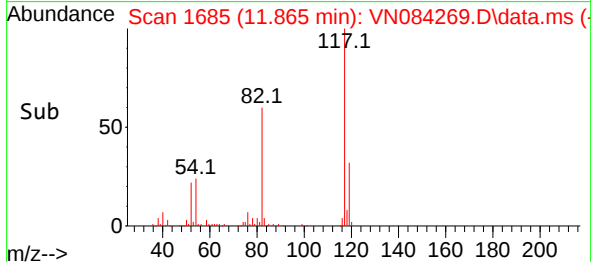
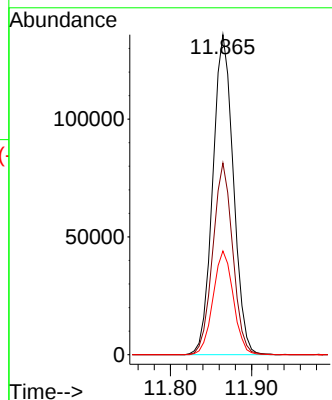


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :

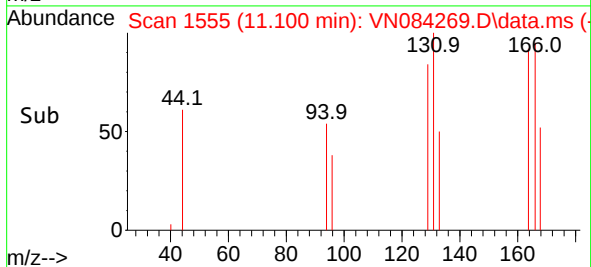
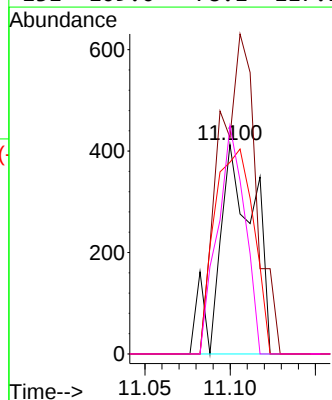
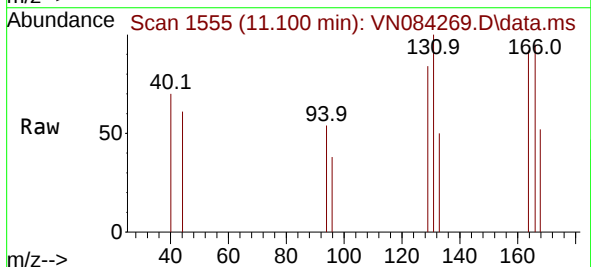


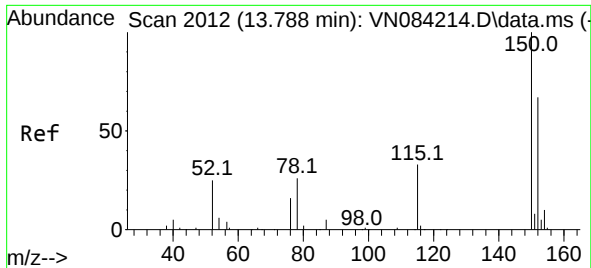
Tgt Ion:117 Resp: 238997
Ion Ratio Lower Upper
117 100
82 59.9 47.2 70.8
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 0.356 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Tgt Ion:164 Resp: 593
Ion Ratio Lower Upper
164 100
166 103.4 101.0 151.4
129 91.5 80.8 121.2
131 109.0 78.1 117.1

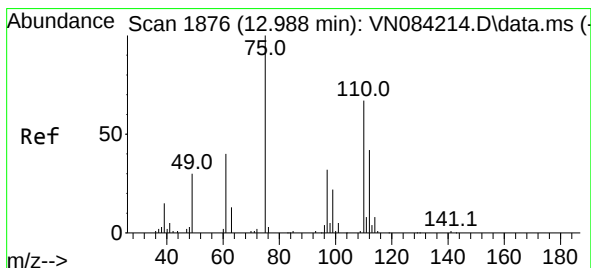
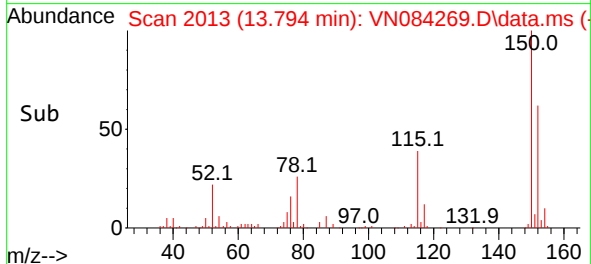
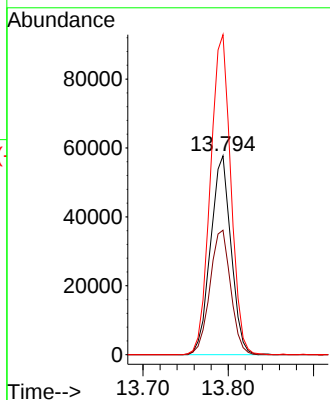
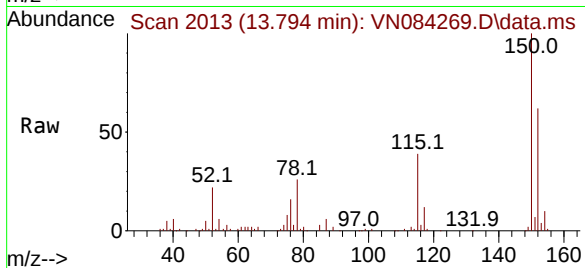




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2012
Delta R.T. 0.006 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

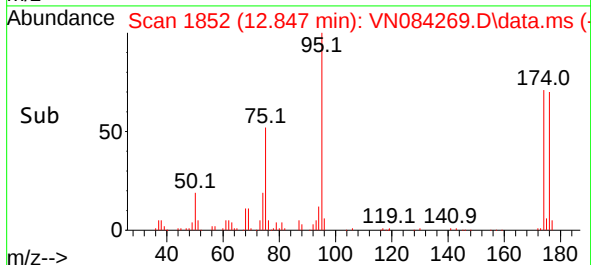
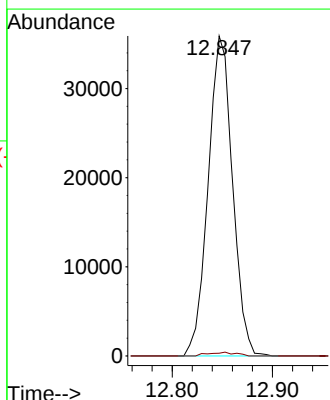
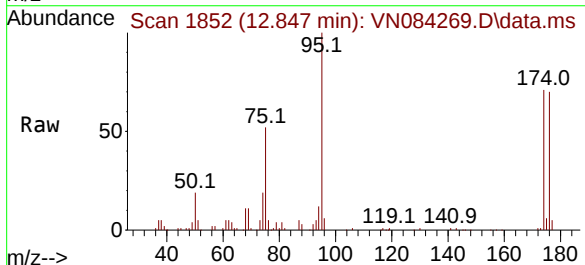
Instrument :
MSVOA_N
ClientSampleId :

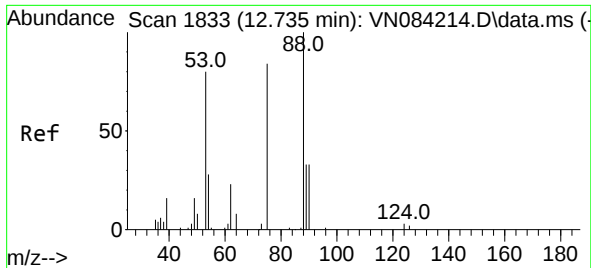
Tgt Ion:152 Resp: 96267
Ion Ratio Lower Upper
152 100
115 63.5 31.3 93.9
150 160.2 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 30.824 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

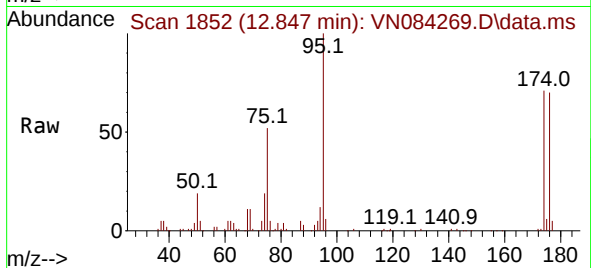
Tgt Ion: 75 Resp: 60579
Ion Ratio Lower Upper
75 100
77 1.3 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 73.899 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084269.D
Acq: 02 Oct 2024 16:57

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 60579
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

