

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084052.D
 Acq On : 19 Sep 2024 22:30
 Operator : JC\MD
 Sample : P4003-17
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D1-20240913

Quant Time: Sep 20 01:39:35 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)

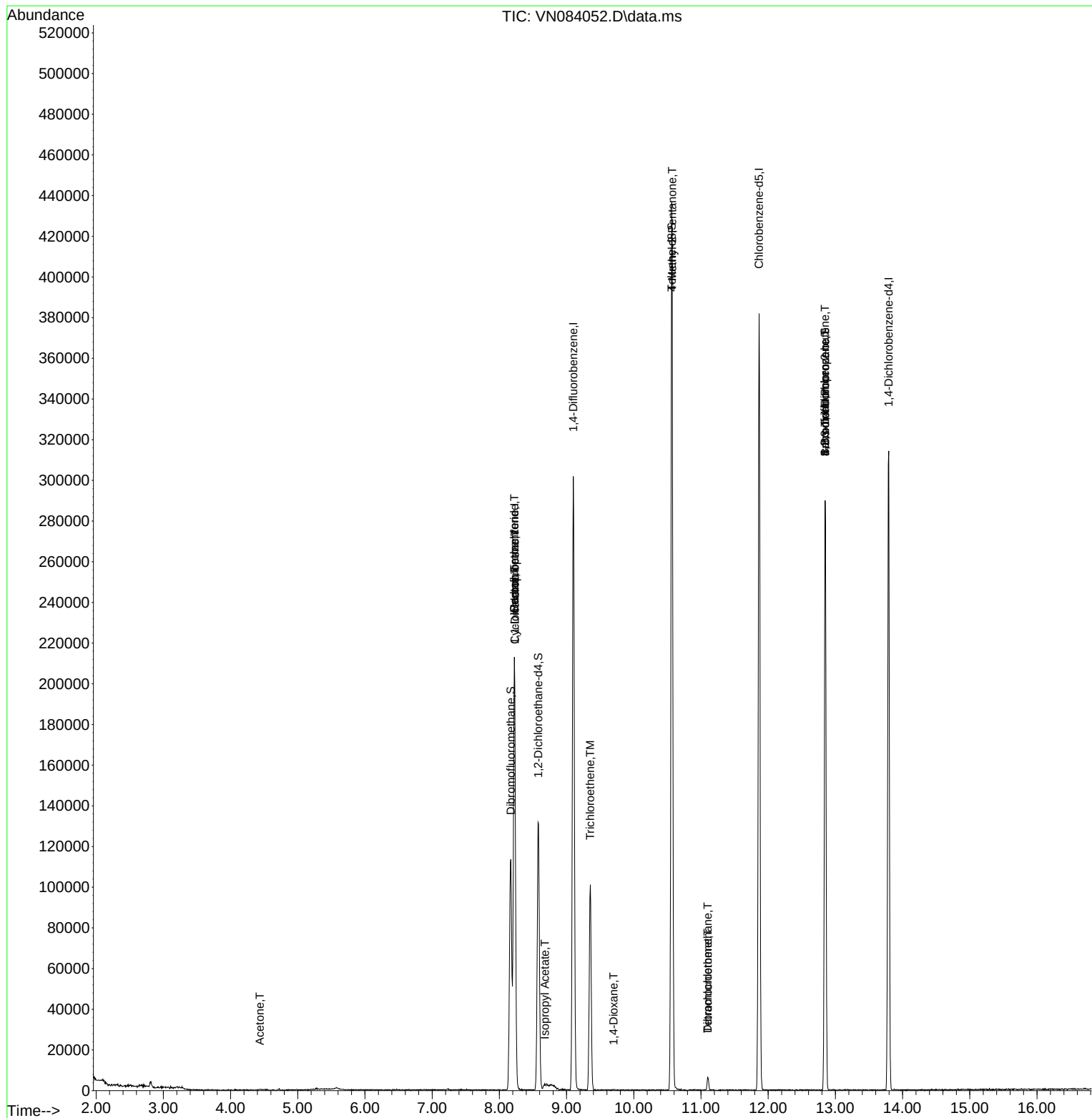
Internal Standards						
1) Pentafluorobenzene	8.224	168	141998	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	244770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	204287	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	77851	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111764	52.199	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 104.400%		
35) Dibromofluoromethane	8.171	113	80725	51.516	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 103.040%		
50) Toluene-d8	10.565	98	292563	54.007	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 108.020%		
62) 4-Bromofluorobenzene	12.847	95	99994	44.740	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 89.480%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	554	Below Cal	#	75
16) Acetone	4.436	43	346	0.403	ug/l #	45
31) Cyclohexane	8.230	56	3760	1.215	ug/l #	37
36) 1,1-Dichloropropene	8.230	75	13896	5.892	ug/l #	50
38) Carbon Tetrachloride	8.224	117	17406	6.505	ug/l #	16
43) Isopropyl Acetate	8.677	43	2328	0.600	ug/l #	57
44) Trichloroethene	9.353	130	34666	21.087	ug/l	90
49) 1,4-Dioxane	9.700	88	193	6.374	ug/l #	52
51) 4-Methyl-2-Pentanone	10.571	43	1358	0.643	ug/l #	1
60) Dibromochloromethane	11.100	129	1438	0.793	ug/l #	10
64) Tetrachloroethene	11.100	164	1543	1.136	ug/l #	78
71) Bromoform	12.847	173	581	0.548	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	56170	35.757	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	56170	93.650	ug/l #	9

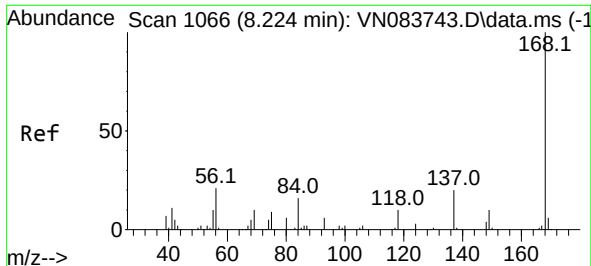
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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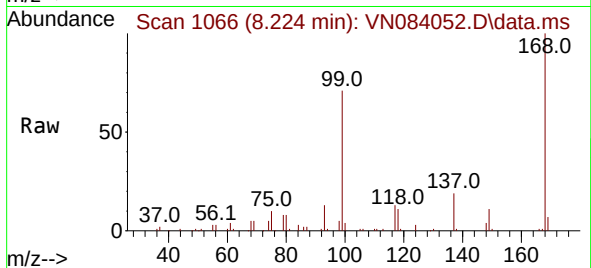
Quant Time: Sep 20 01:39:35 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
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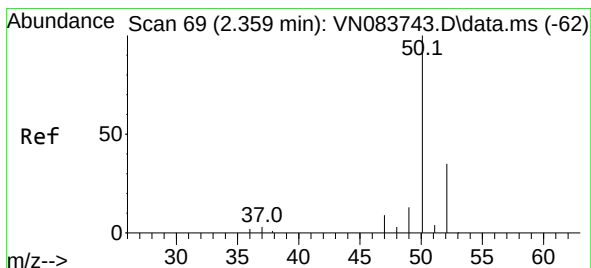
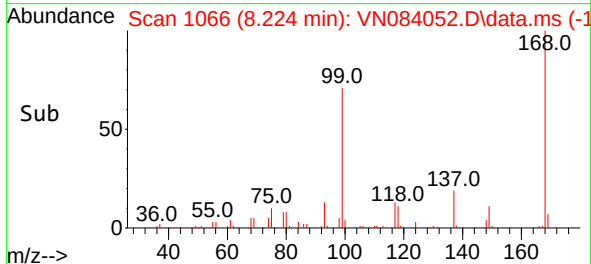
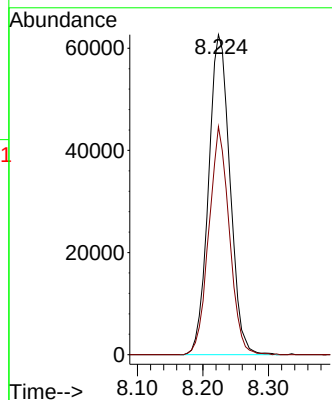


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

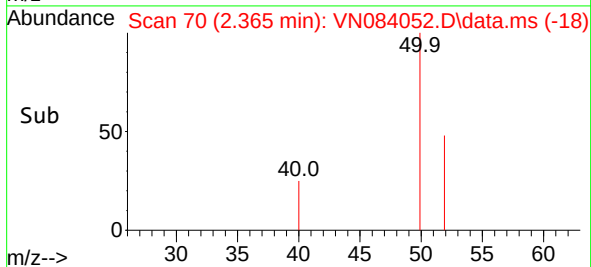
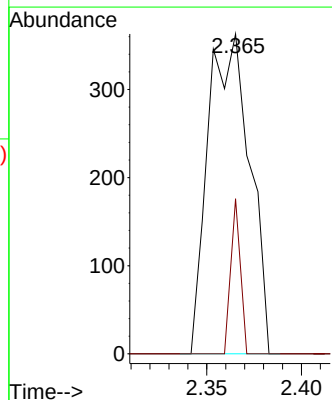
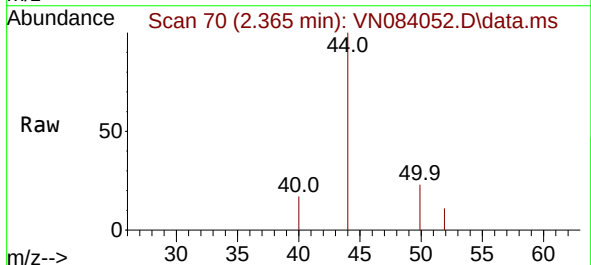


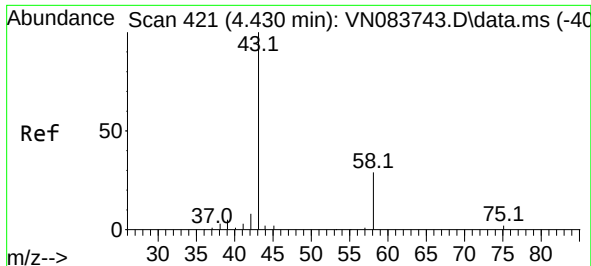
Tgt Ion:168 Resp: 141998
Ion Ratio Lower Upper
168 100
99 71.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 48.5 27.2 40.8#





#16

Acetone

Concen: 0.403 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084052.D

Acq: 19 Sep 2024 22:30

Instrument :

MSVOA_N

ClientSampleId :

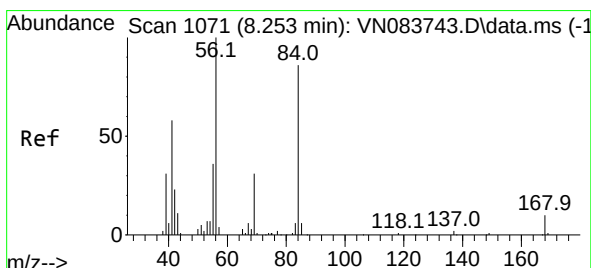
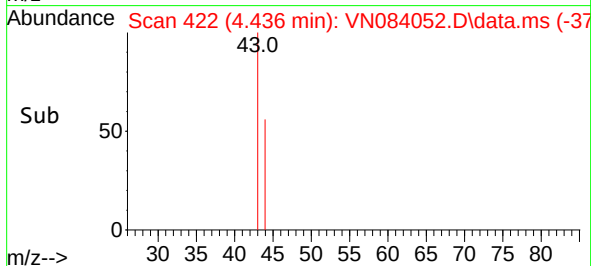
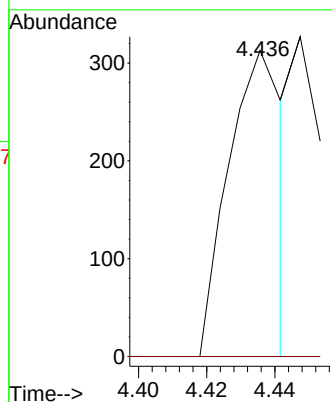
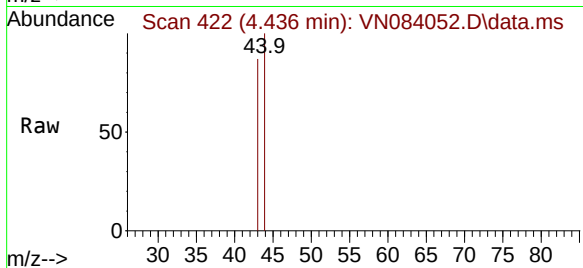
RE126D1-20240913

Tgt Ion: 43 Resp: 346

Ion Ratio Lower Upper

43 100

58 0.0 23.7 35.5#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.024 min

Lab File: VN084052.D

Acq: 19 Sep 2024 22:30

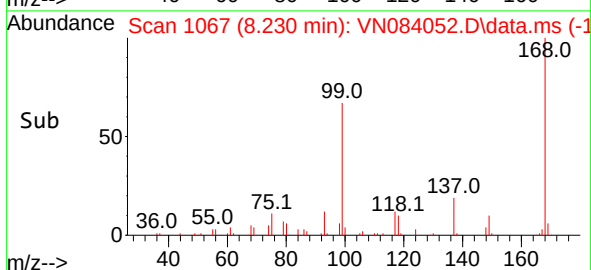
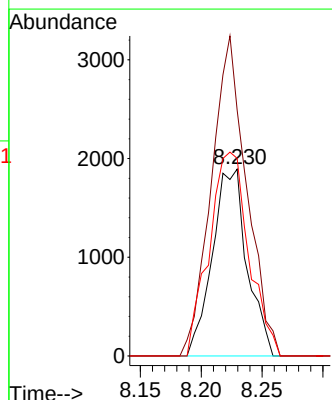
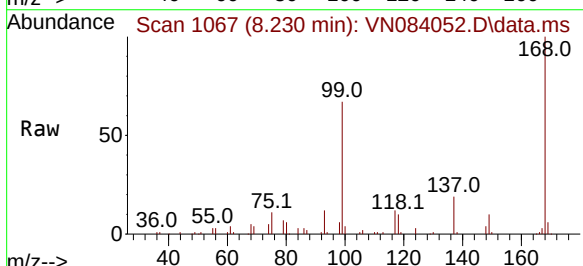
Tgt Ion: 56 Resp: 3760

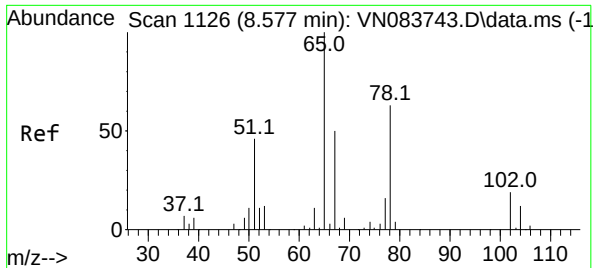
Ion Ratio Lower Upper

56 100

69 131.5 26.9 40.3#

84 105.7 69.2 103.8#





#33

1,2-Dichloroethane-d4

Concen: 52.199 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084052.D

Acq: 19 Sep 2024 22:30

Instrument :

MSVOA_N

ClientSampleId :

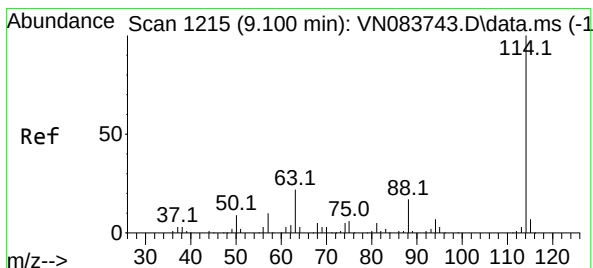
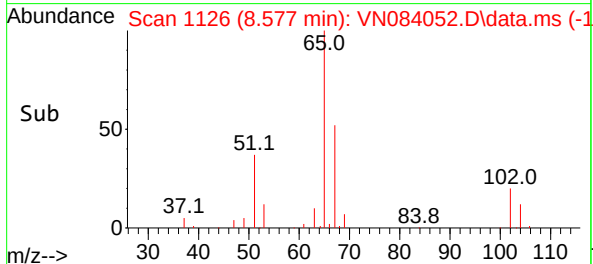
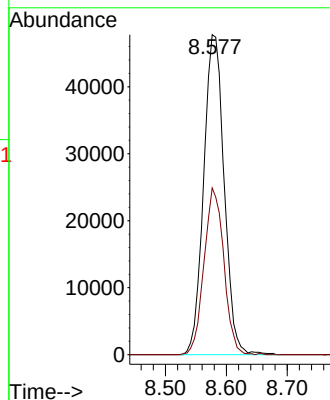
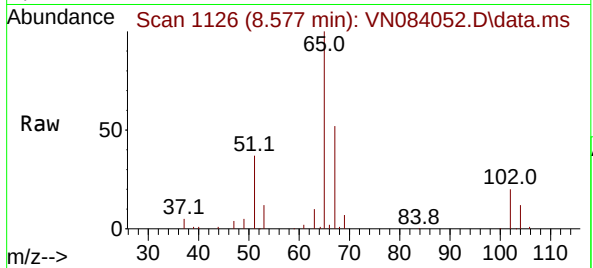
RE126D1-20240913

Tgt Ion: 65 Resp: 111764

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084052.D

Acq: 19 Sep 2024 22:30

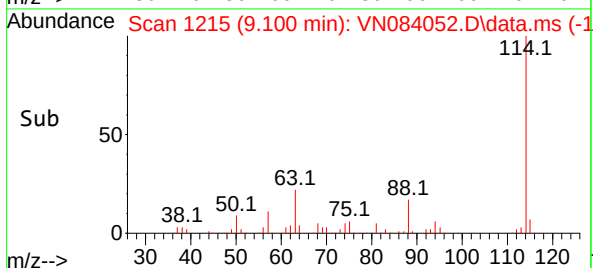
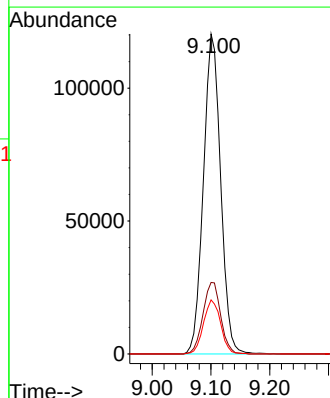
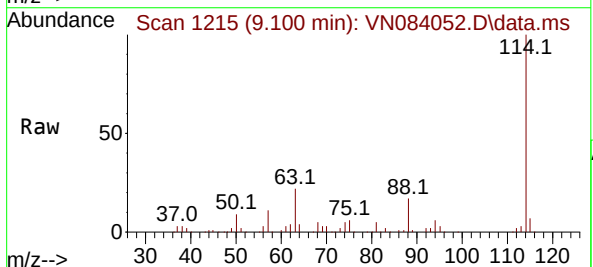
Tgt Ion: 114 Resp: 244770

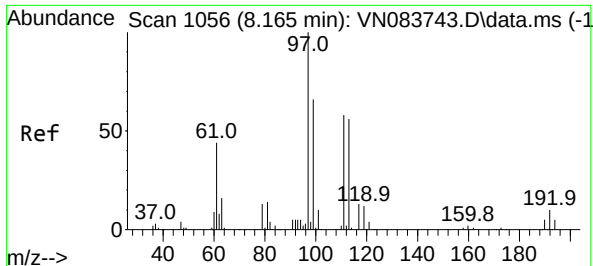
Ion Ratio Lower Upper

114 100

63 22.4 0.0 43.4

88 16.9 0.0 32.6

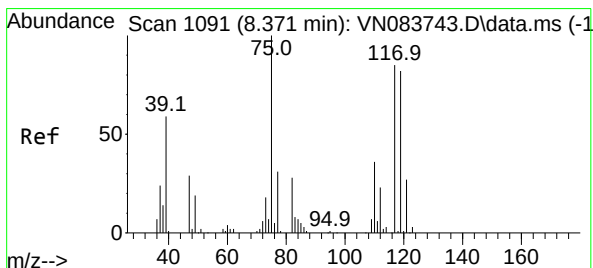
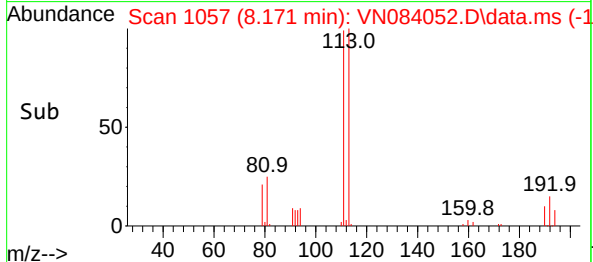
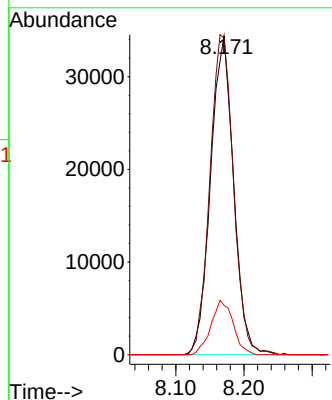
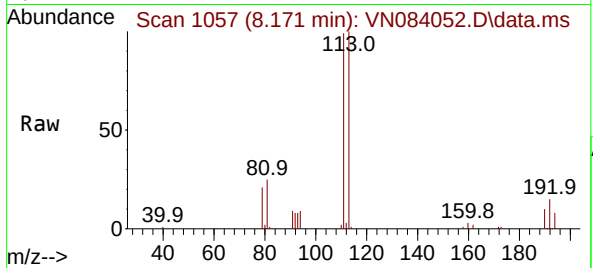




#35
Dibromofluoromethane
Concen: 51.516 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

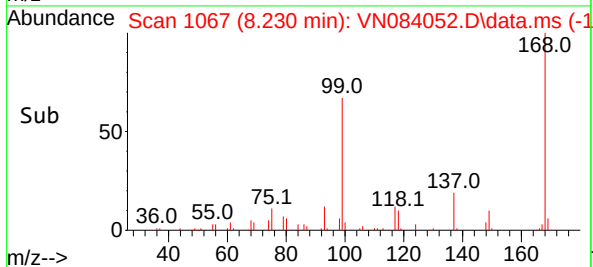
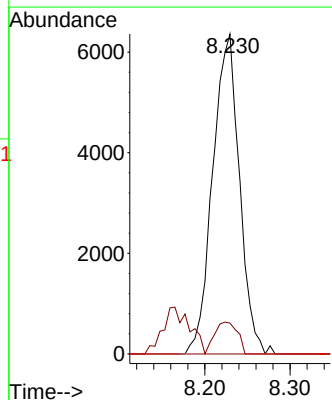
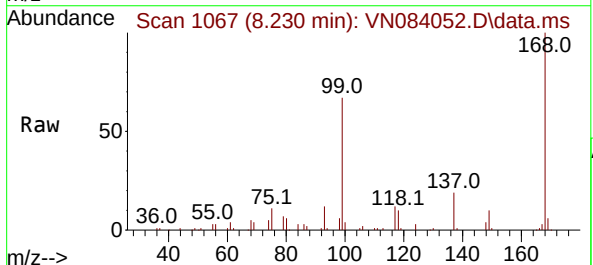
Instrument :
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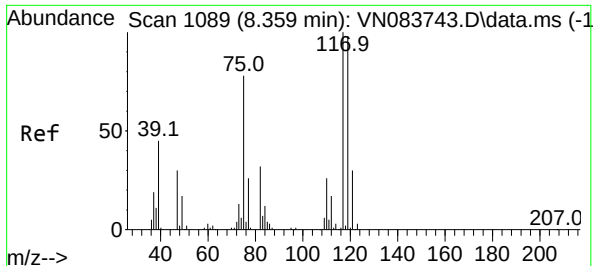
Tgt Ion:113 Resp: 80725
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 16.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.892 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

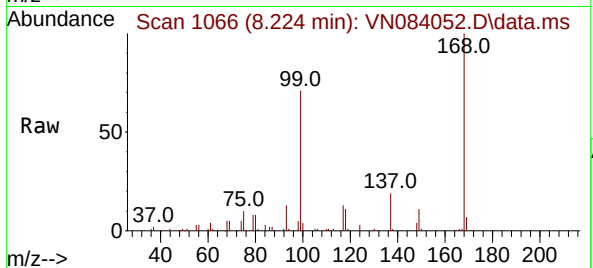
Tgt Ion: 75 Resp: 13896
Ion Ratio Lower Upper
75 100
110 8.5 16.7 50.1#
77 0.0 25.2 37.8#



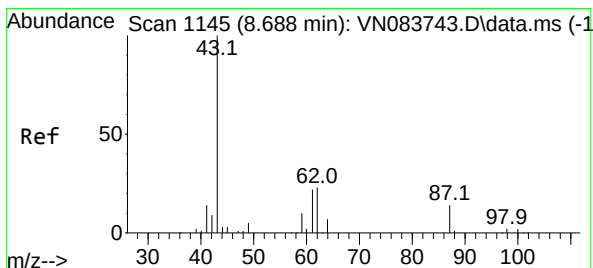
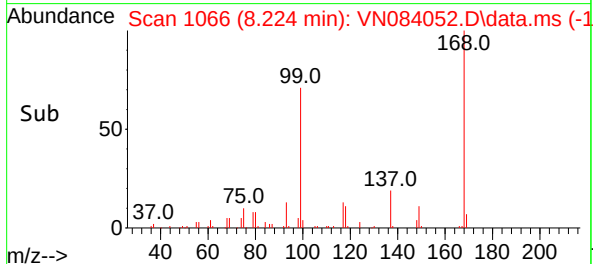
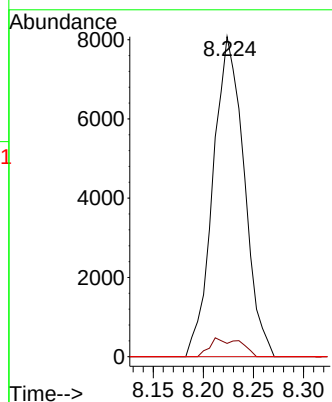


#38
Carbon Tetrachloride
Concen: 6.505 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

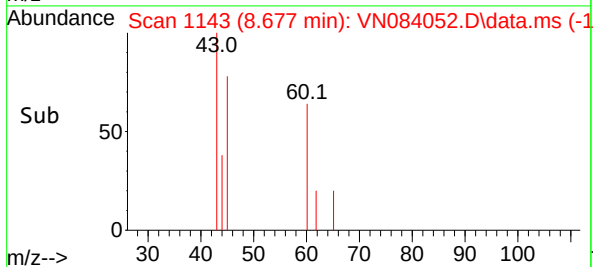
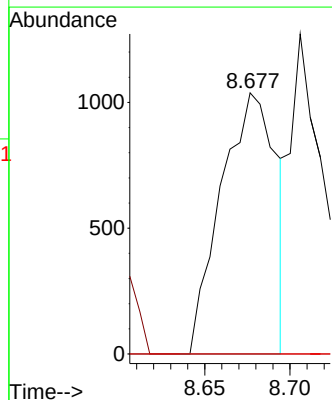
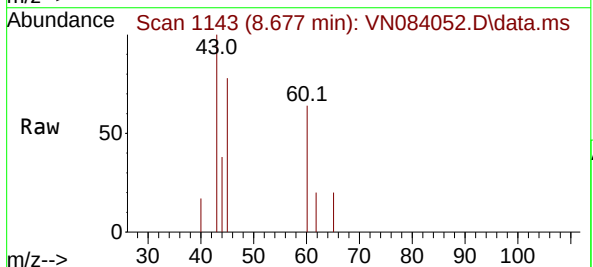


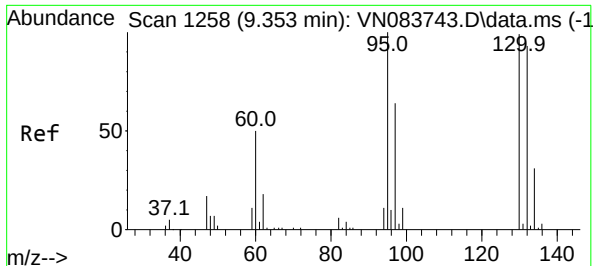
Tgt Ion:117 Resp: 17406
Ion Ratio Lower Upper
117 100
119 4.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: 0.600 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.012 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 43 Resp: 2328
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

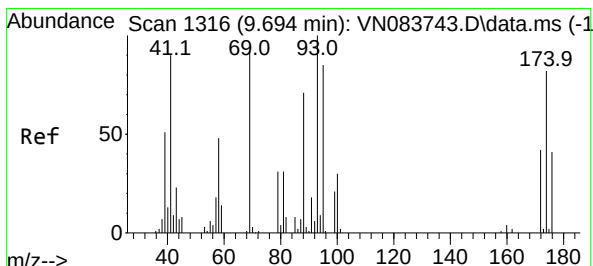
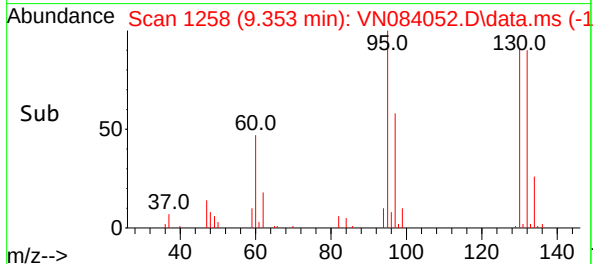
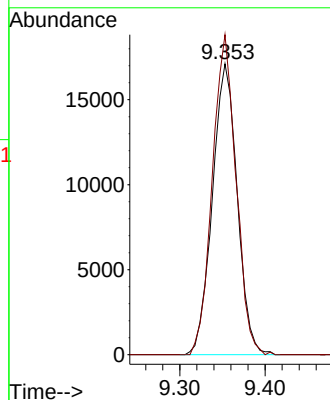
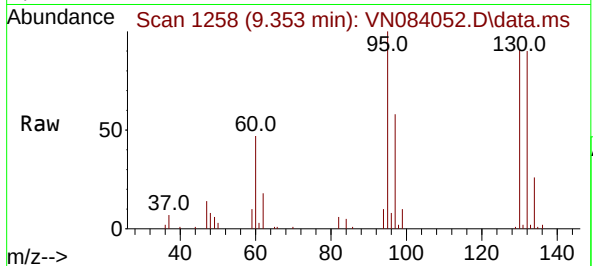




#44
Trichloroethene
Concen: 21.087 ug/l
RT: 9.353 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

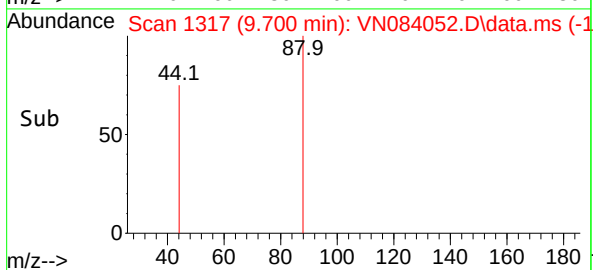
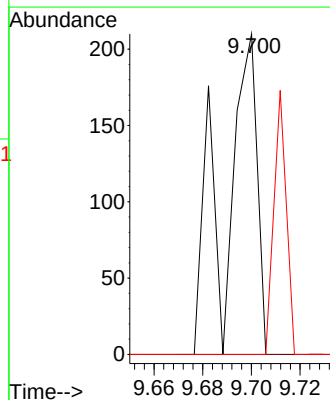
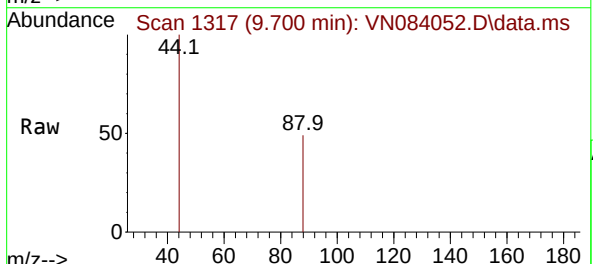
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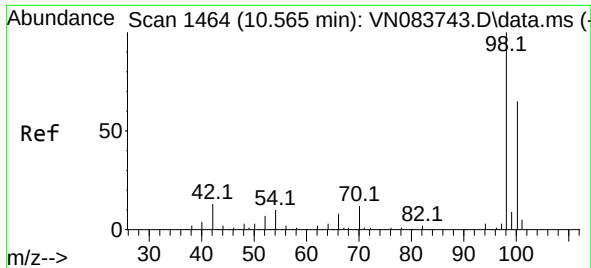
Tgt Ion:130 Resp: 34666
Ion Ratio Lower Upper
130 100
95 110.0 0.0 200.4



#49
1,4-Dioxane
Concen: 6.374 ug/l
RT: 9.700 min Scan# 1317
Delta R.T. 0.006 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 88 Resp: 193
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 31.6 57.1 85.7#

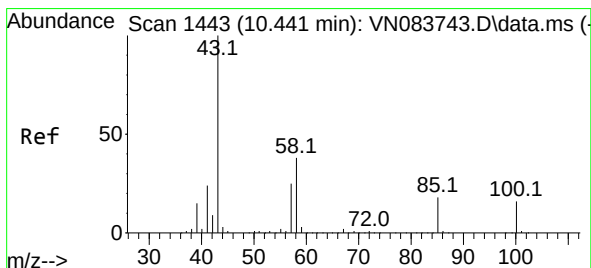
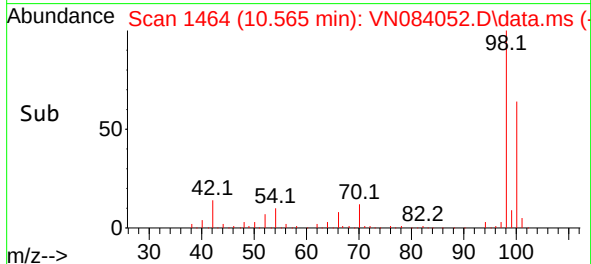
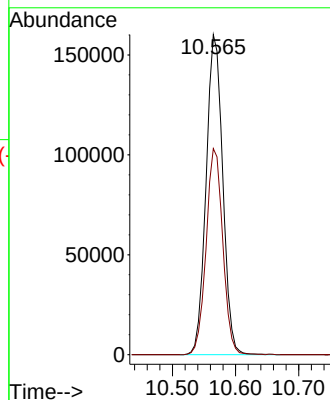
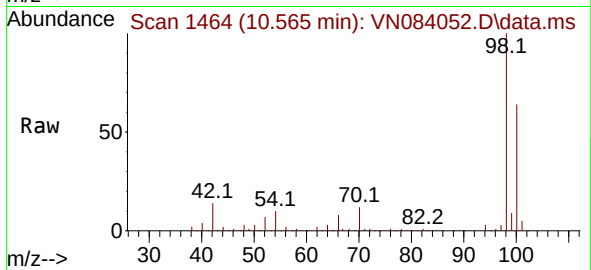




#50
Toluene-d8
Concen: 54.007 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

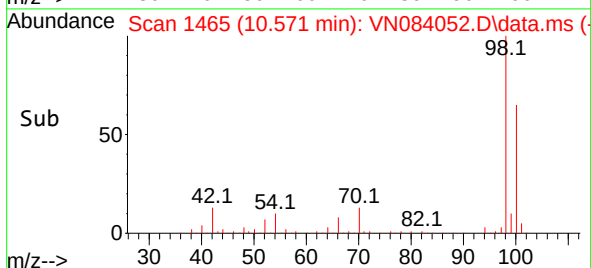
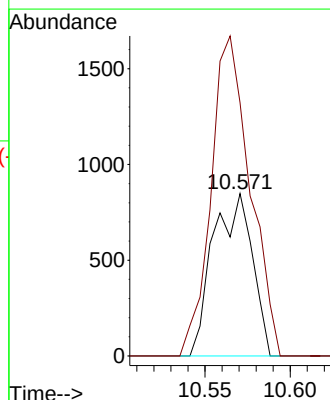
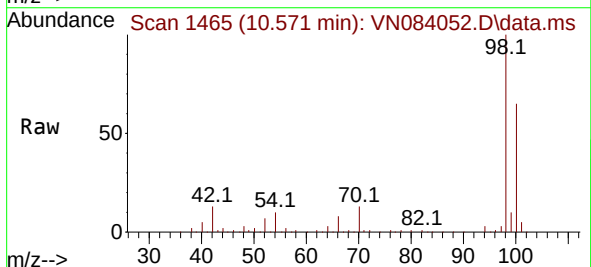
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

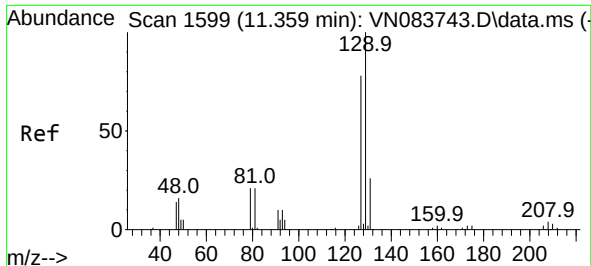
Tgt Ion: 98 Resp: 292563
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.643 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.129 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 43 Resp: 1358
Ion Ratio Lower Upper
43 100
58 196.1 31.6 47.4#

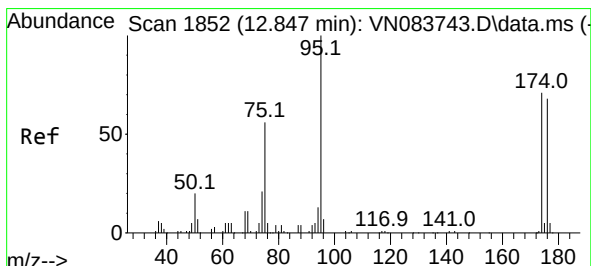
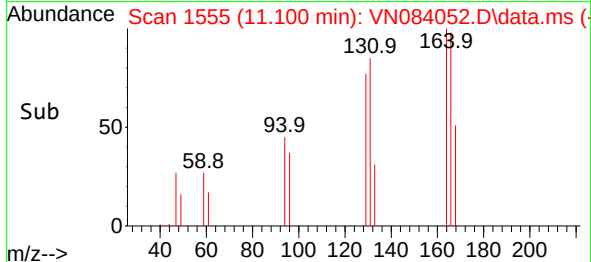
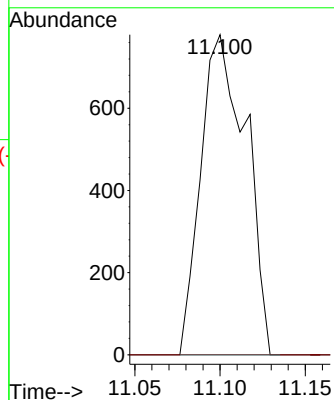
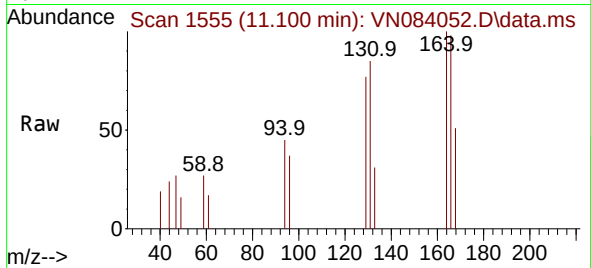




#60
Dibromochloromethane
Concen: 0.793 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

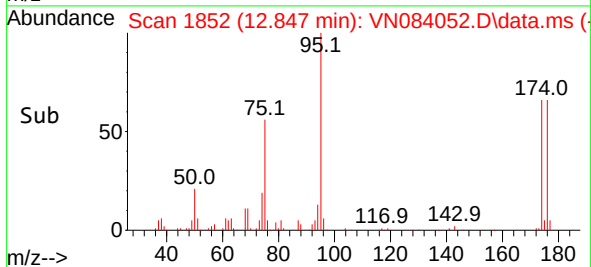
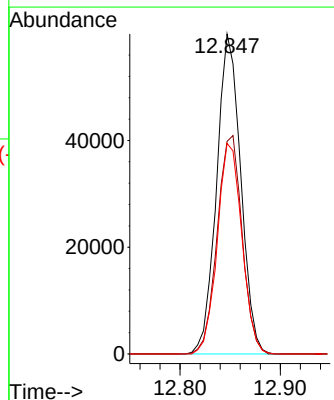
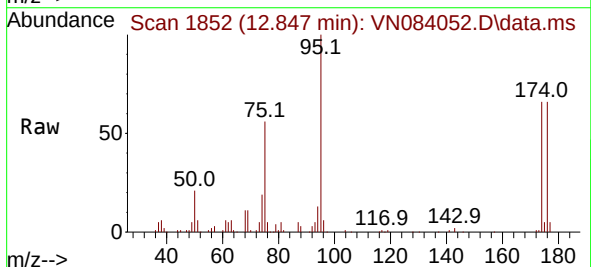
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

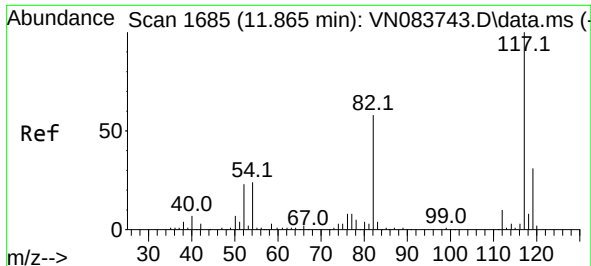
Tgt Ion:129 Resp: 1438
Ion Ratio Lower Upper
129 100
127 0.0 39.0 116.9#



#62
4-Bromofluorobenzene
Concen: 44.740 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 95 Resp: 99994
Ion Ratio Lower Upper
95 100
174 70.4 0.0 139.8
176 67.1 0.0 131.4

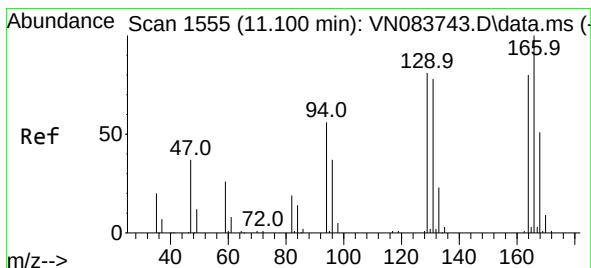
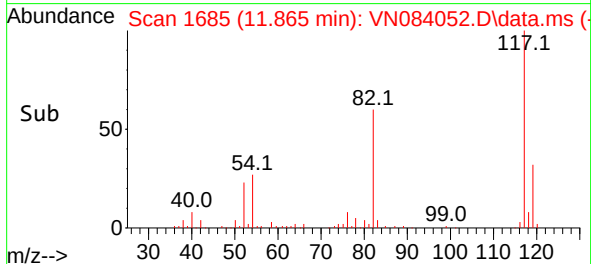
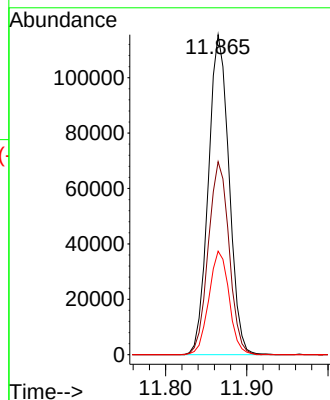
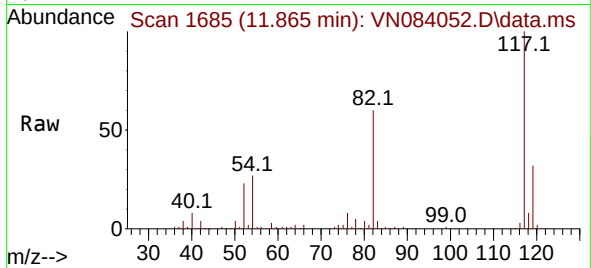




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

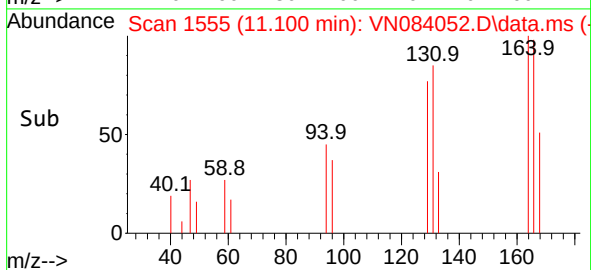
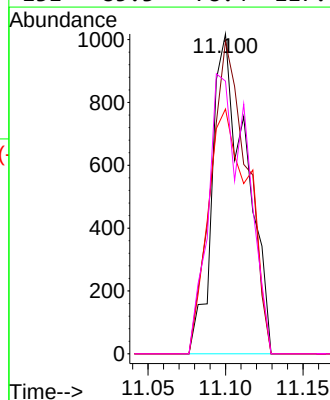
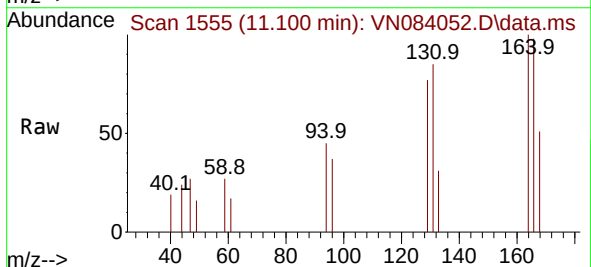
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

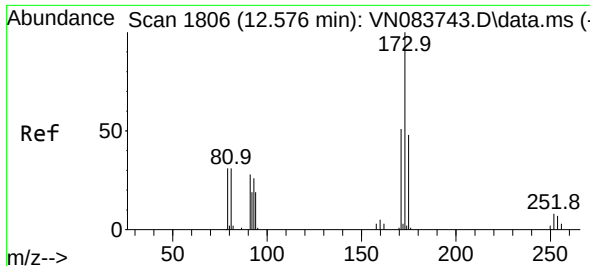
Tgt Ion:117 Resp: 204287
Ion Ratio Lower Upper
117 100
82 60.3 47.4 71.0
119 32.4 26.3 39.5



#64
Tetrachloroethene
Concen: 1.136 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion:164 Resp: 1543
Ion Ratio Lower Upper
164 100
166 97.6 103.7 155.5#
129 76.5 79.9 119.9#
131 85.3 78.4 117.6

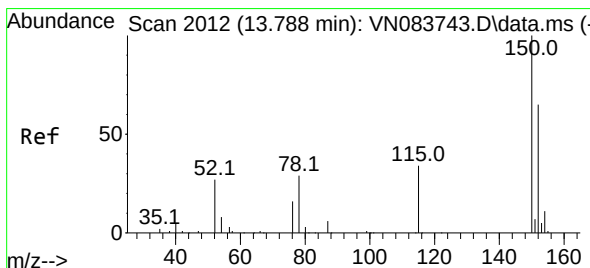
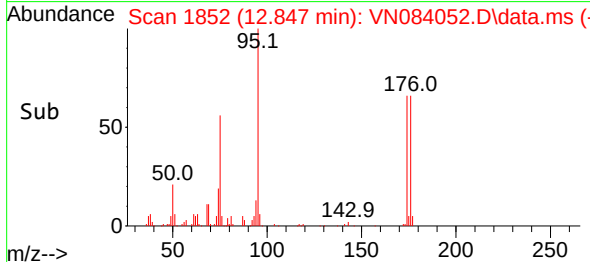
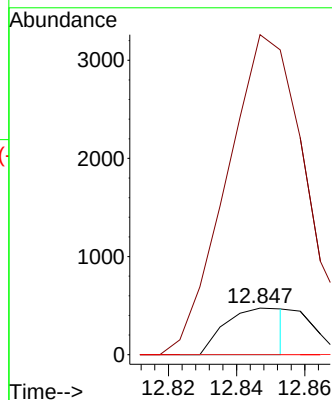
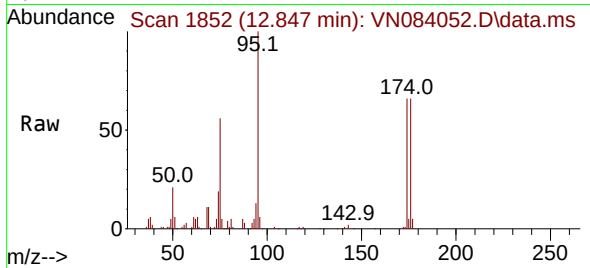




#71
Bromoform
Concen: 0.548 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.270 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

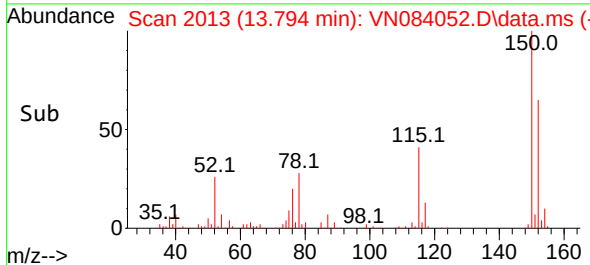
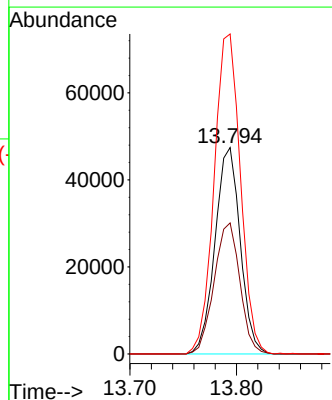
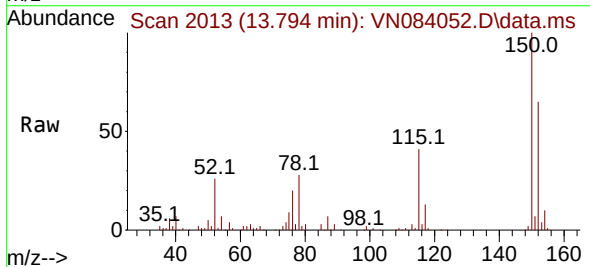
Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

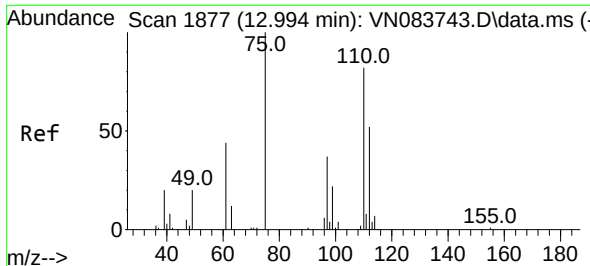
Tgt Ion:173 Resp: 581
Ion Ratio Lower Upper
173 100
175 676.9 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion:152 Resp: 77851
Ion Ratio Lower Upper
152 100
115 64.9 32.2 96.6
150 161.6 0.0 348.6

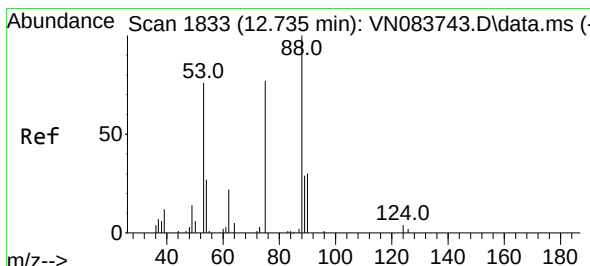
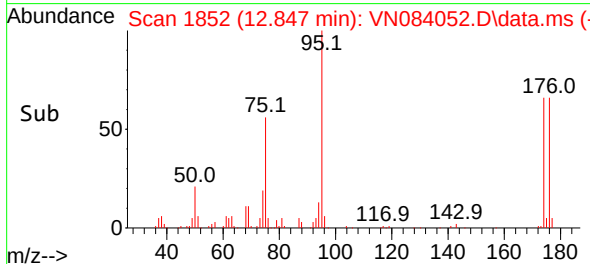
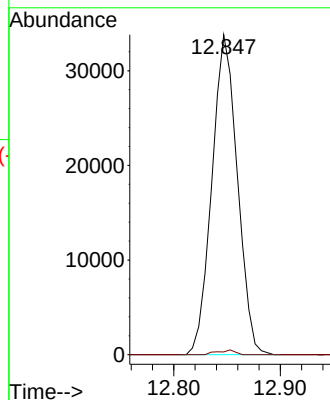
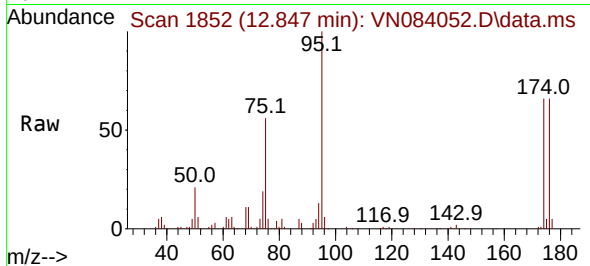




#76
1,2,3-Trichloropropane
Concen: 35.757 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Instrument :
MSVOA_N
ClientSampleId :
RE126D1-20240913

Tgt Ion: 75 Resp: 56170
Ion Ratio Lower Upper
75 100
77 1.0 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 93.650 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084052.D
Acq: 19 Sep 2024 22:30

Tgt Ion: 75 Resp: 56170
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

