

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084169.D
 Acq On : 25 Sep 2024 18:59
 Operator : JC\MD
 Sample : P4116-23
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT17411-20240918

Quant Time: Sep 26 01:37:03 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)

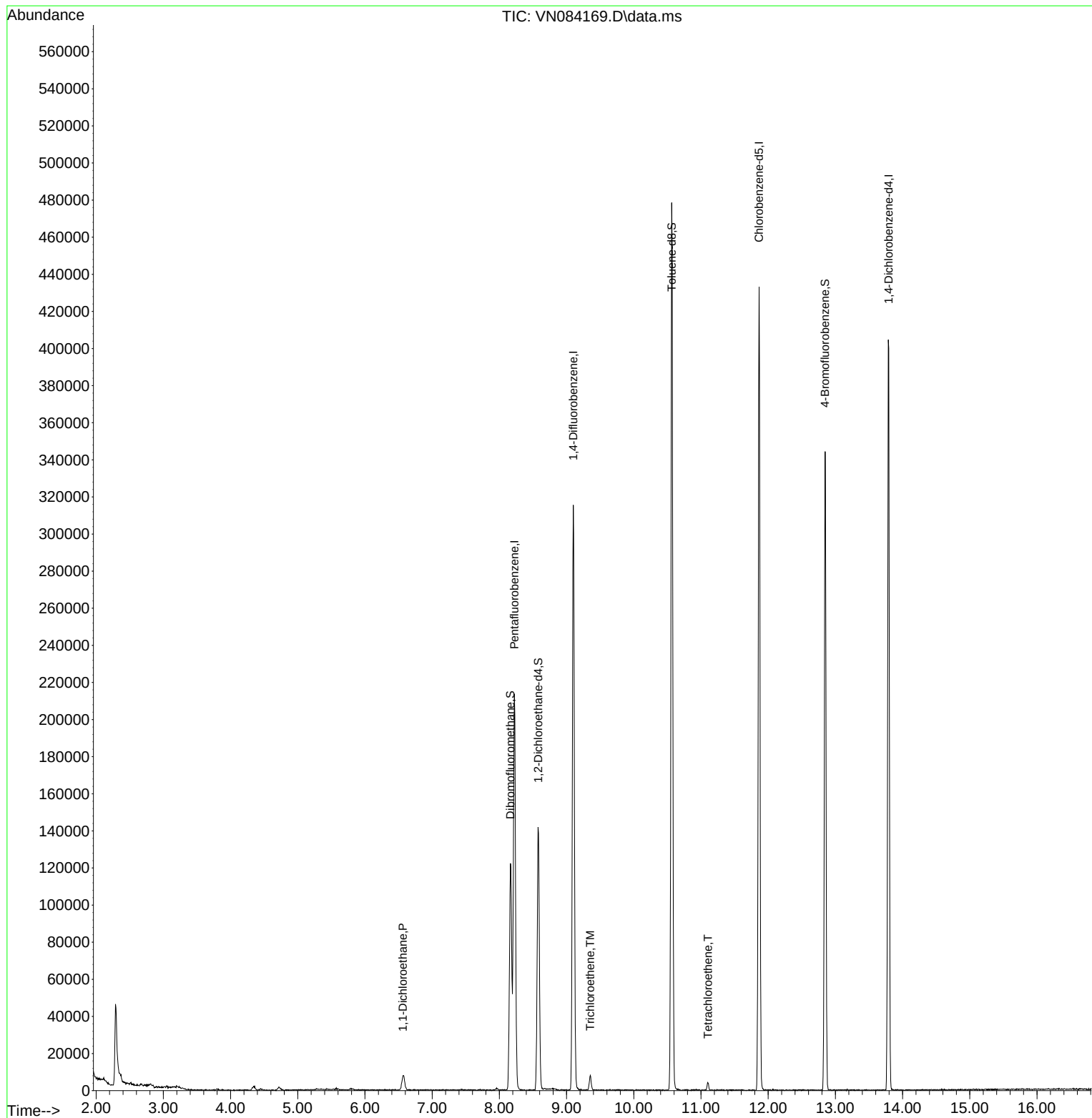
Internal Standards						
1) Pentafluorobenzene	8.224	168	147282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	262723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	236561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119190	53.670	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.340%	
35) Dibromofluoromethane	8.165	113	87627	52.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.200%	
50) Toluene-d8	10.565	98	328514	56.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 113.000%	
62) 4-Bromofluorobenzene	12.847	95	118039	49.205	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.420%	
Target Compounds						
						Qvalue
24) 1,1-Dichloroethane	6.565	63	12666	3.762	ug/l	97
44) Trichloroethene	9.353	130	3178	1.801	ug/l	83
64) Tetrachloroethene	11.106	164	969	0.616	ug/l #	76

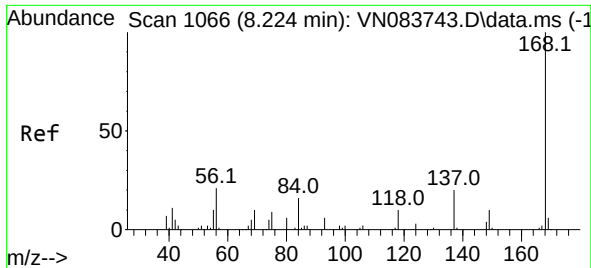
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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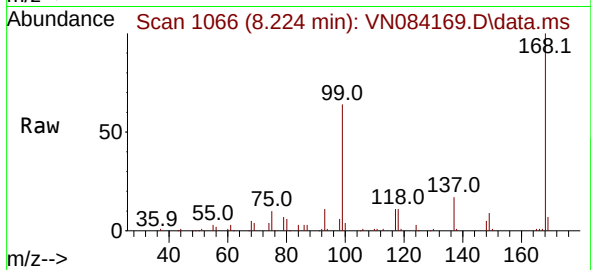
Quant Time: Sep 26 01:37:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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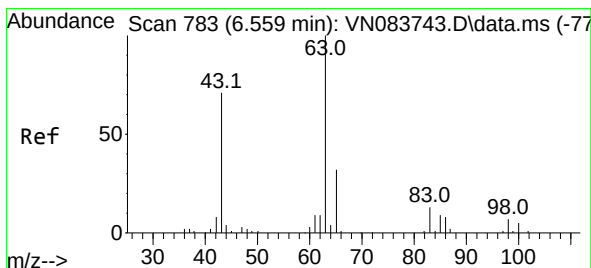
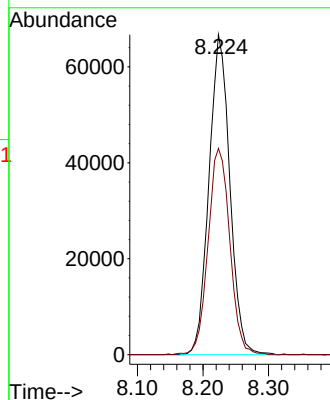
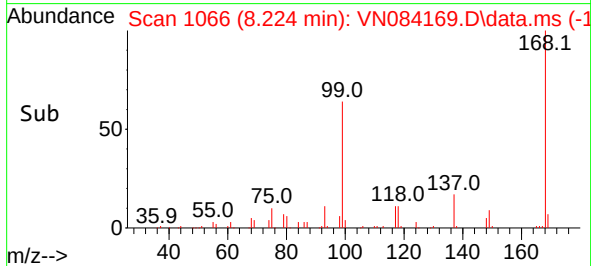


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20240918

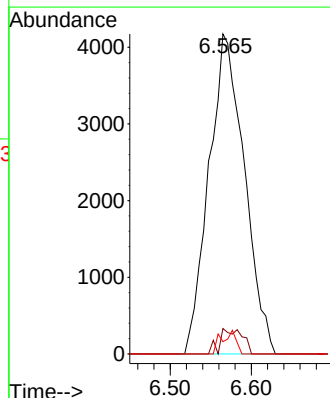
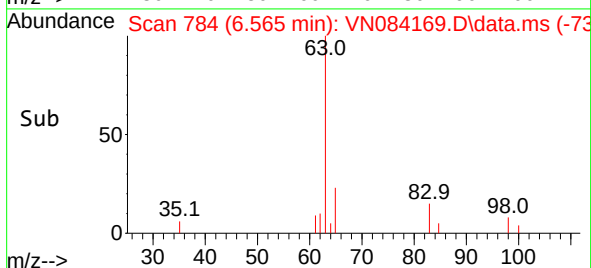
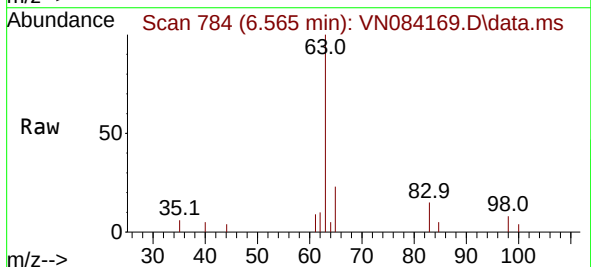


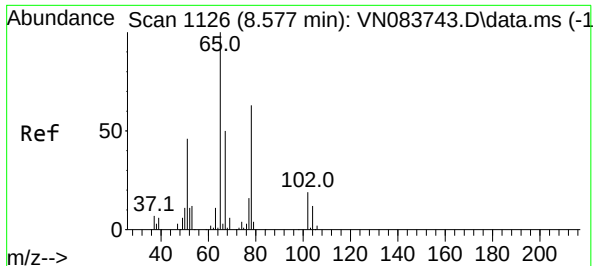
Tgt Ion:168 Resp: 147282
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#24
1,1-Dichloroethane
Concen: 3.762 ug/l
RT: 6.565 min Scan# 784
Delta R.T. 0.006 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

Tgt Ion: 63 Resp: 12666
Ion Ratio Lower Upper
63 100
98 8.0 3.5 10.4
100 3.8 2.5 7.5





#33

1,2-Dichloroethane-d4

Concen: 53.670 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084169.D

Acq: 25 Sep 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

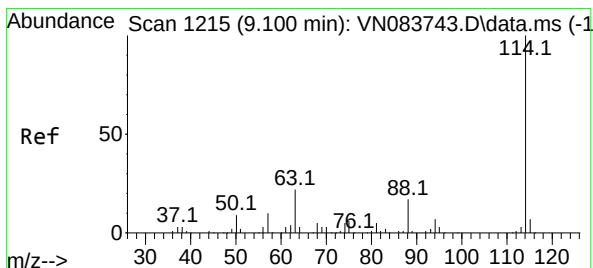
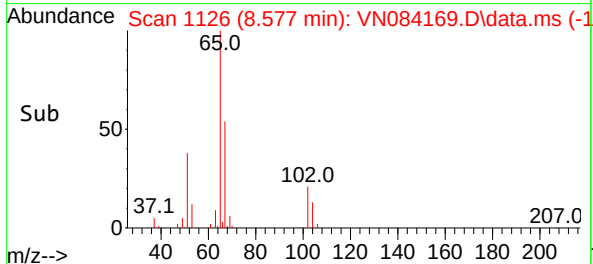
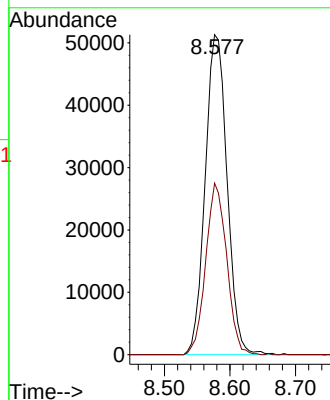
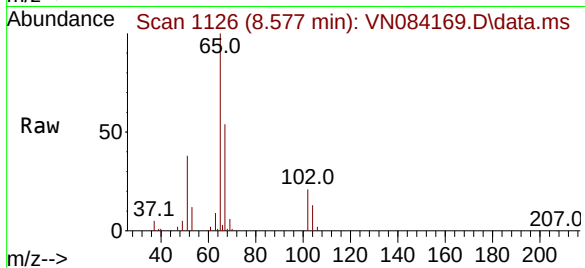
TT17411-20240918

Tgt Ion: 65 Resp: 119190

Ion Ratio Lower Upper

65 100

67 51.3 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: VN084169.D

Acq: 25 Sep 2024 18:59

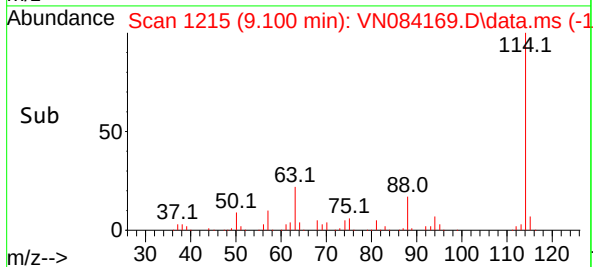
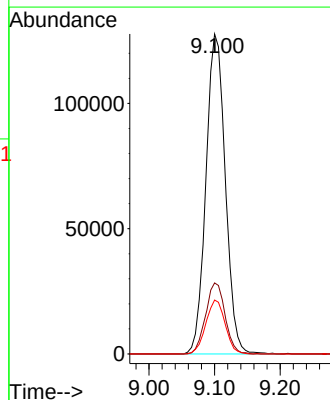
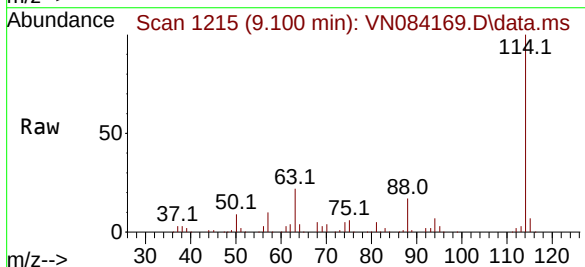
Tgt Ion: 114 Resp: 262723

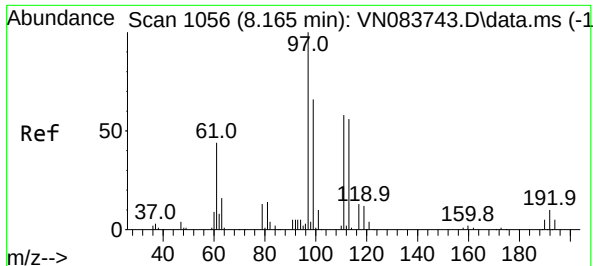
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.099 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084169.D

Acq: 25 Sep 2024 18:59

Instrument :

MSVOA_N

ClientSampleId :

TT17411-20240918

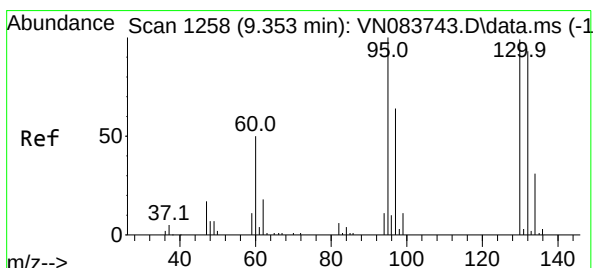
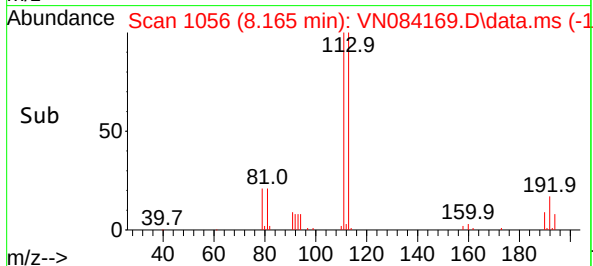
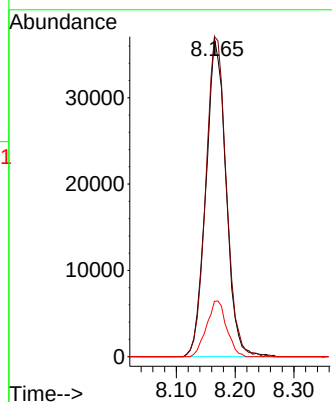
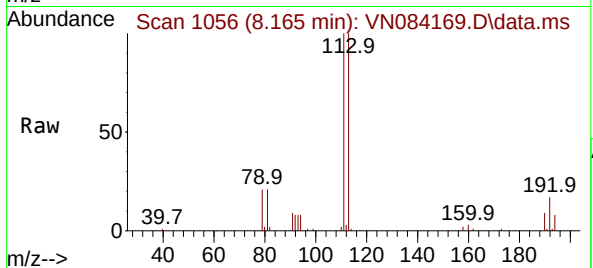
Tgt Ion:113 Resp: 87627

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.4 14.3 21.5



#44

Trichloroethene

Concen: 1.801 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN084169.D

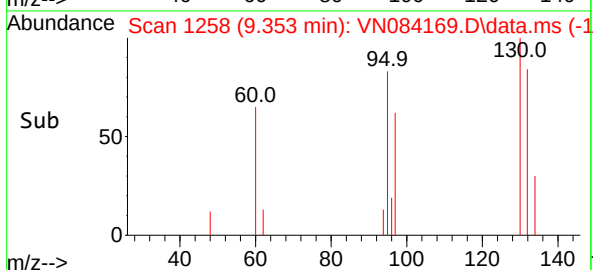
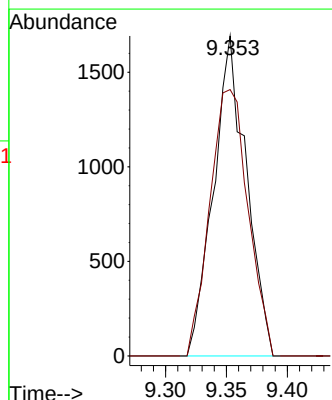
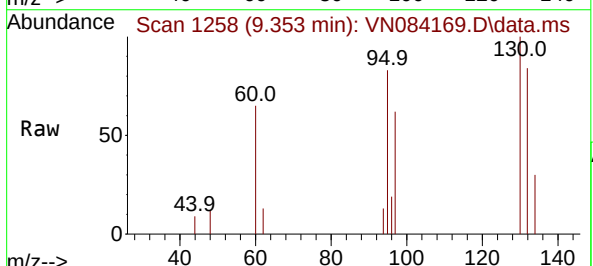
Acq: 25 Sep 2024 18:59

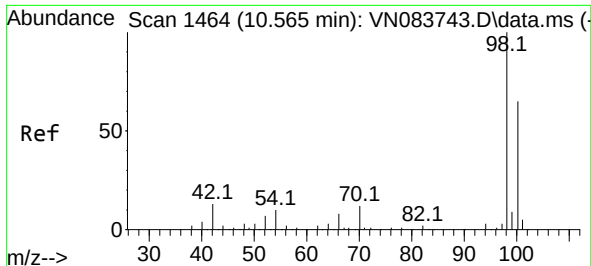
Tgt Ion:130 Resp: 3178

Ion Ratio Lower Upper

130 100

95 83.3 0.0 200.4

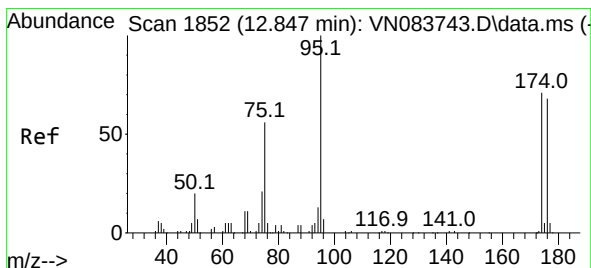
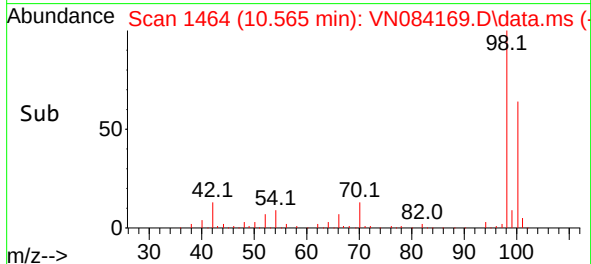
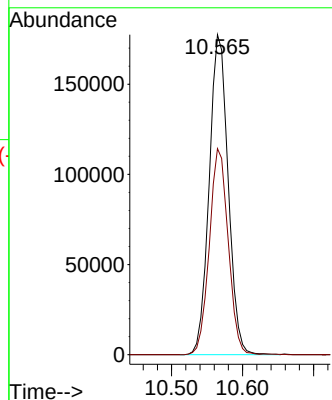
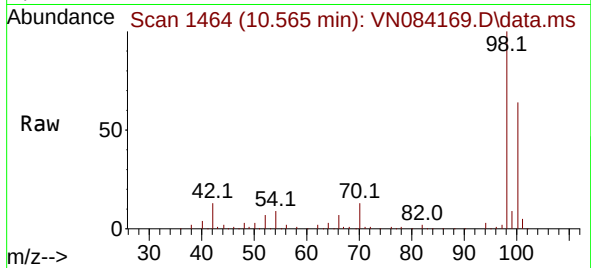




#50
Toluene-d8
Concen: 56.499 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

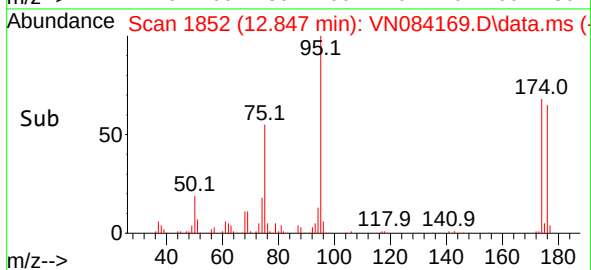
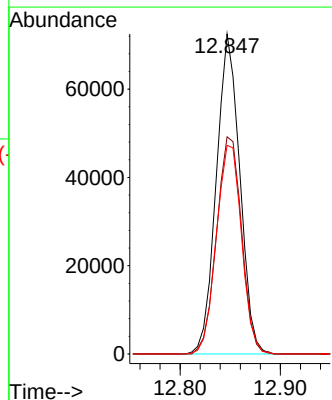
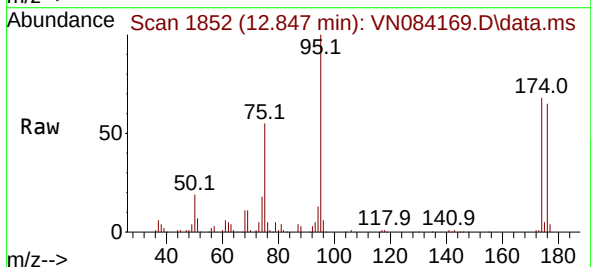
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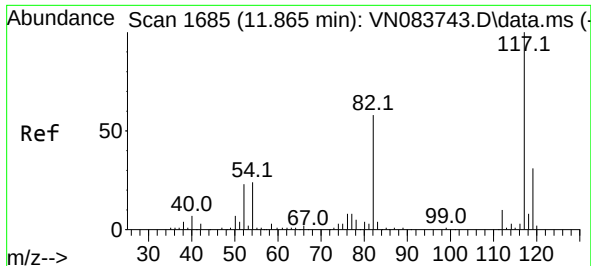
Tgt Ion: 98 Resp: 328514
Ion Ratio Lower Upper
98 100
100 64.2 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 49.205 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

Tgt Ion: 95 Resp: 118039
Ion Ratio Lower Upper
95 100
174 72.3 0.0 139.8
176 69.9 0.0 131.4

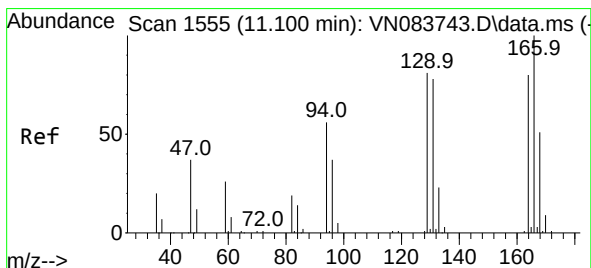
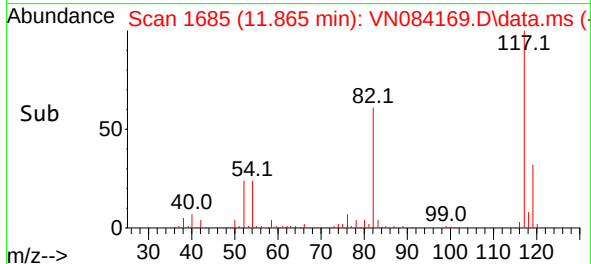
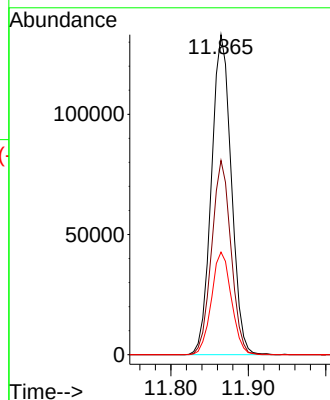
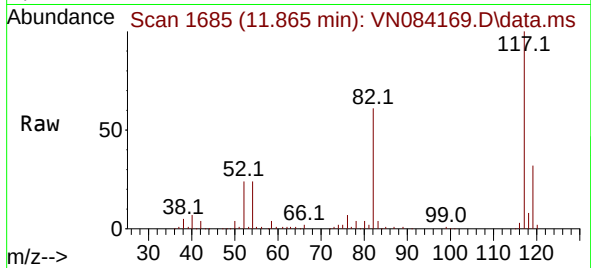




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

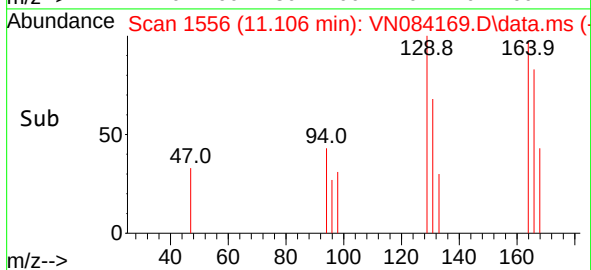
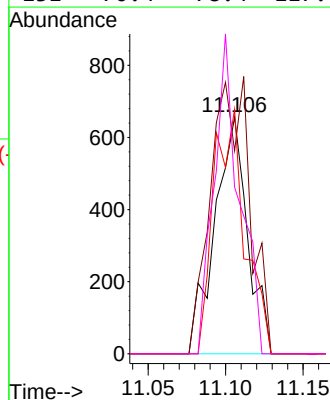
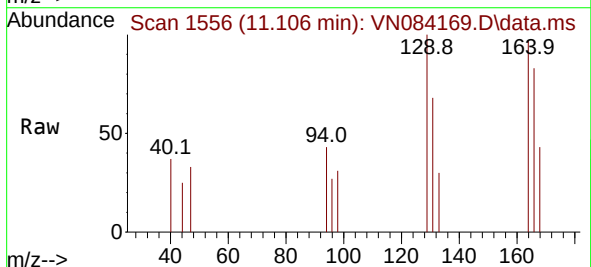
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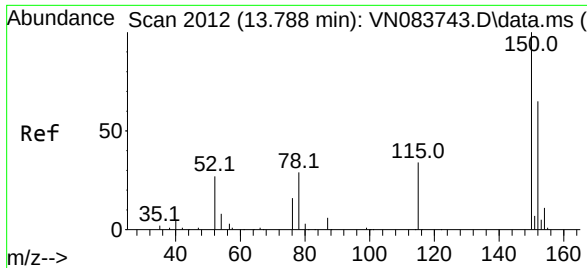
Tgt Ion:117 Resp: 236561
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.0
119 32.1 26.3 39.5



#64
Tetrachloroethene
Concen: 0.616 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

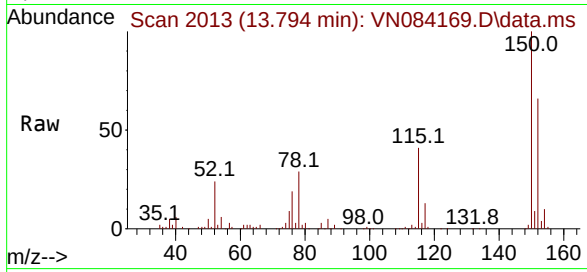
Tgt Ion:164 Resp: 969
Ion Ratio Lower Upper
164 100
166 85.8 103.7 155.5#
129 103.4 79.9 119.9
131 70.4 78.4 117.6#





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084169.D
Acq: 25 Sep 2024 18:59

Instrument :
MSVOA_N
ClientSampleId :
TT17411-20240918



Tgt Ion:152 Resp: 106468
Ion Ratio Lower Upper
152 100
115 62.8 32.2 96.6
150 156.6 0.0 348.6

