

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092424\
 Data File : VN084127.D
 Acq On : 24 Sep 2024 12:19
 Operator : JC\MD
 Sample : P4003-09DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE120D2-20240912DL

Quant Time: Sep 25 01:32:08 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)

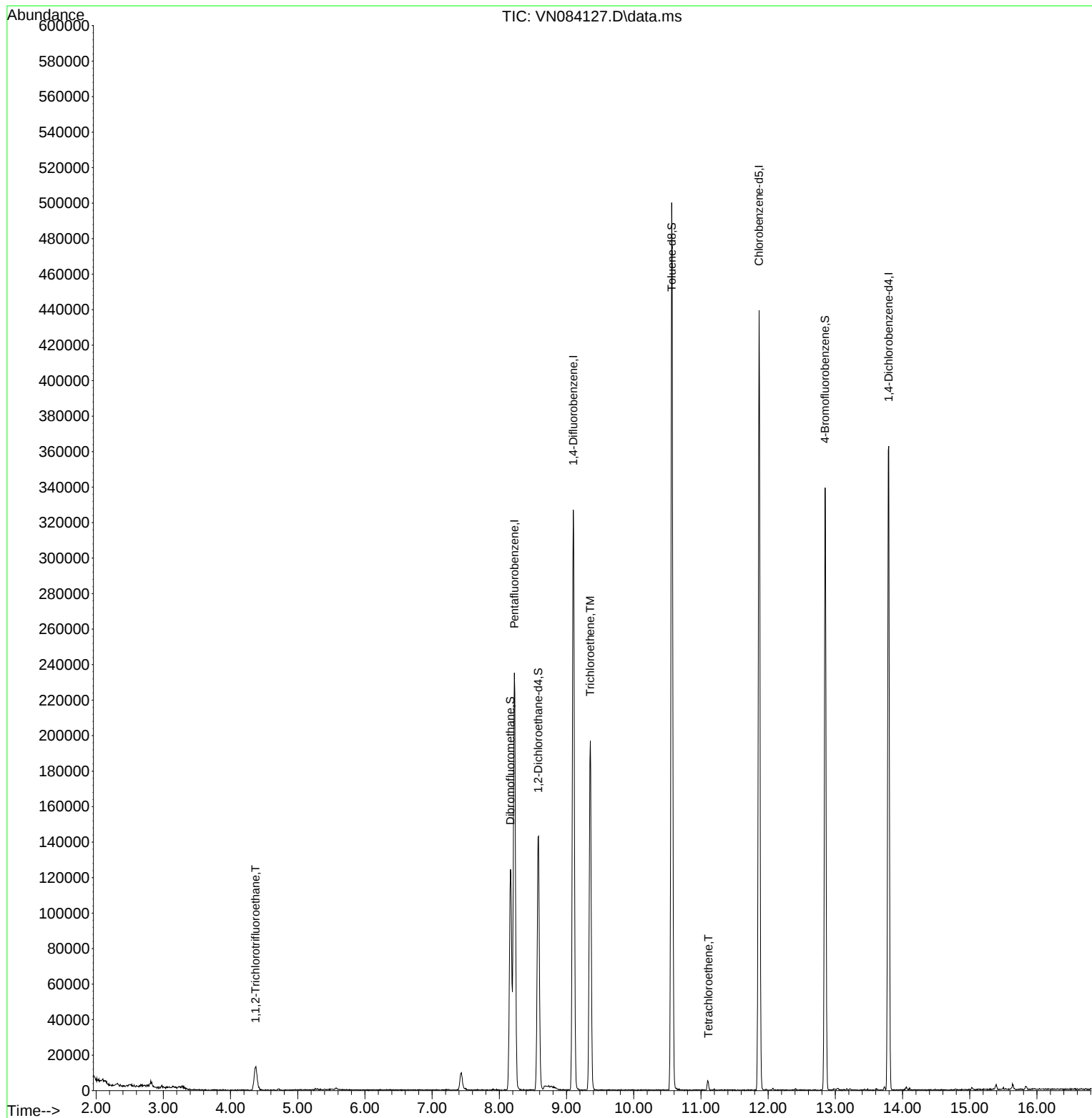
Internal Standards						
1) Pentafluorobenzene	8.224	168	158698	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	235506	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	96255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122154	51.048	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.100%	
35) Dibromofluoromethane	8.165	113	90648	51.279	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.560%	
50) Toluene-d8	10.565	98	334557	54.745	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.500%	
62) 4-Bromofluorobenzene	12.847	95	115363	45.755	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.520%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.371	101	9680	5.326	ug/l	99
44) Trichloroethene	9.353	130	68526	36.951	ug/l	92
64) Tetrachloroethene	11.112	164	1436	0.917	ug/l #	59

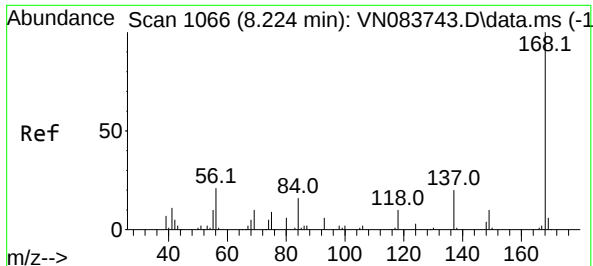
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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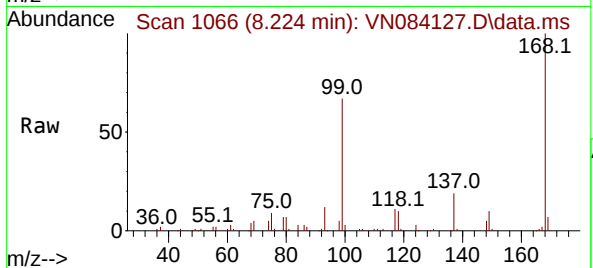
Quant Time: Sep 25 01:32:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



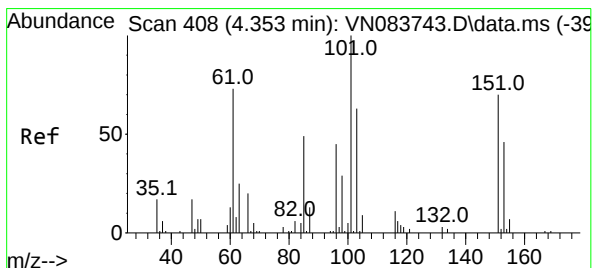
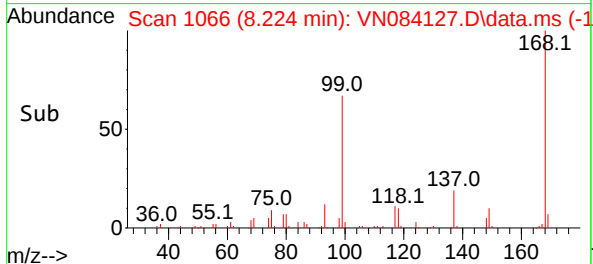
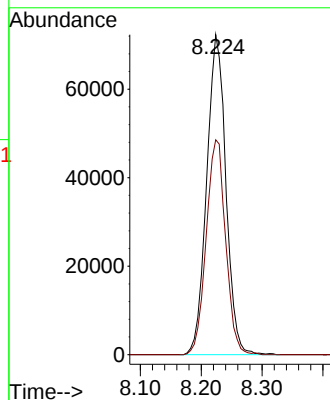


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

Instrument :
MSVOA_N
ClientSampleId :
RE120D2-20240912DL

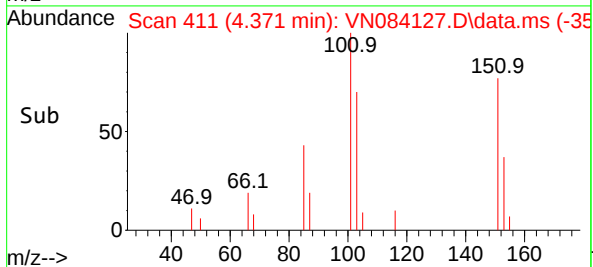
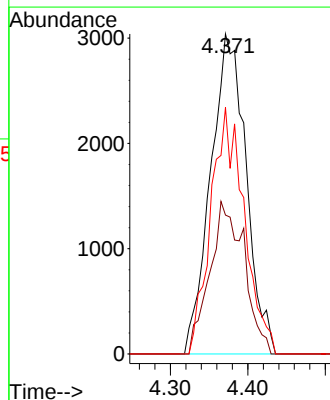
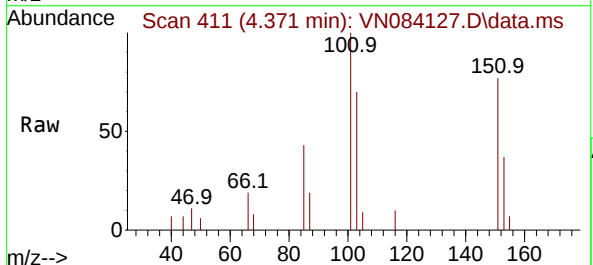


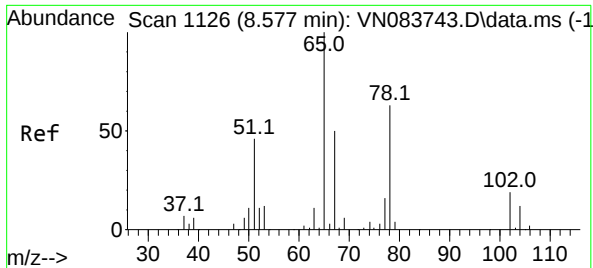
Tgt Ion:168 Resp: 158698
Ion Ratio Lower Upper
168 100
99 67.1 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.326 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.018 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

Tgt Ion:101 Resp: 9680
Ion Ratio Lower Upper
101 100
85 46.2 36.2 54.4
151 72.3 57.7 86.5





#33

1,2-Dichloroethane-d4

Concen: 51.048 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN084127.D

Acq: 24 Sep 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

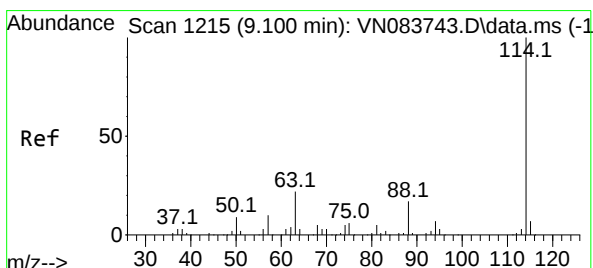
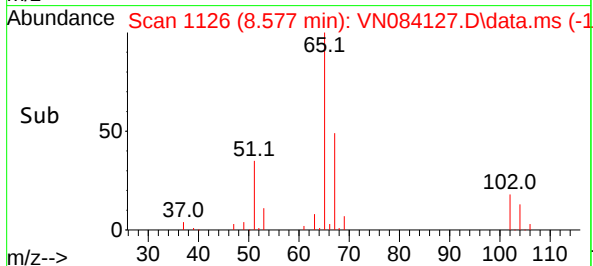
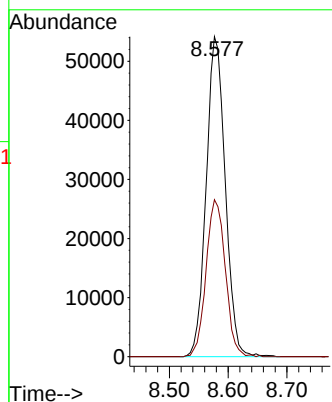
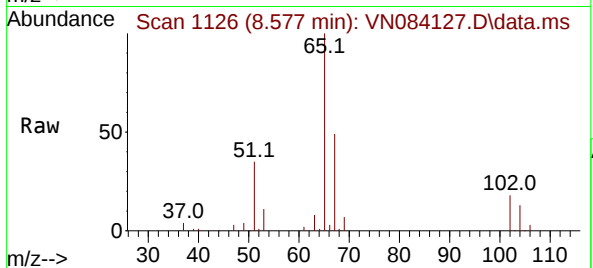
RE120D2-20240912DL

Tgt Ion: 65 Resp: 122154

Ion Ratio Lower Upper

65 100

67 49.6 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: VN084127.D

Acq: 24 Sep 2024 12:19

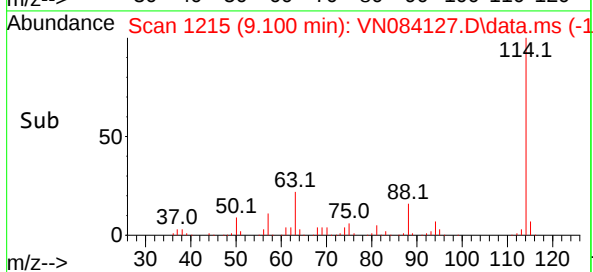
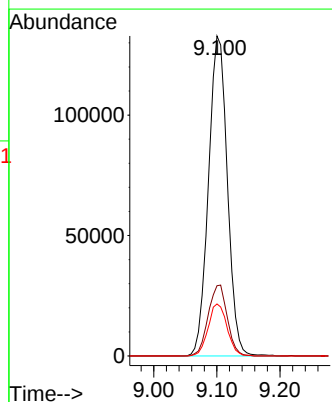
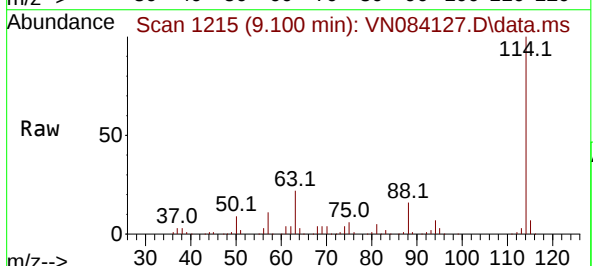
Tgt Ion: 114 Resp: 276128

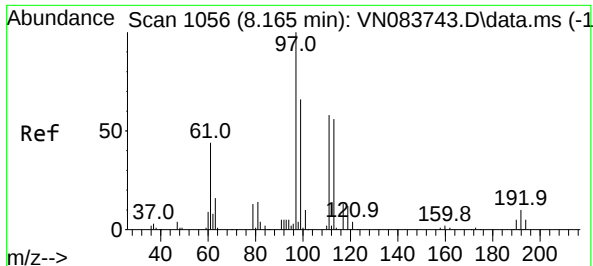
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 16.2 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.279 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084127.D

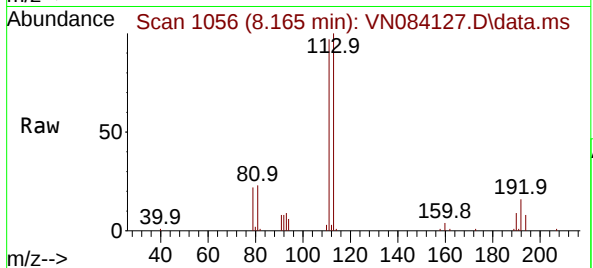
Acq: 24 Sep 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20240912DL



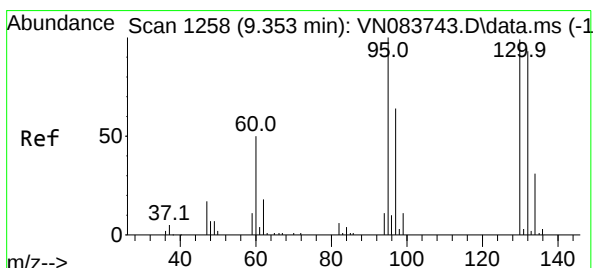
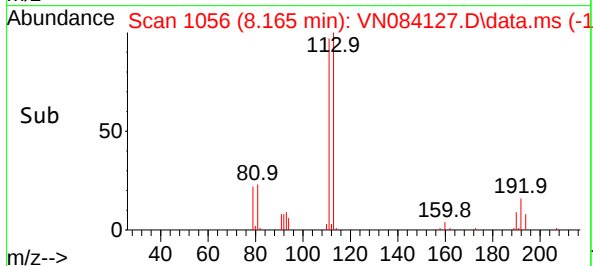
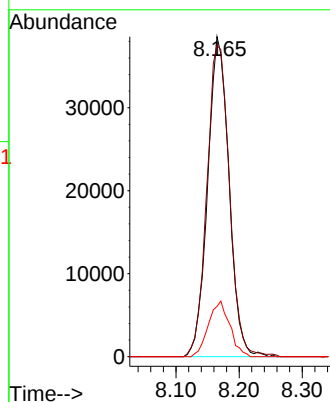
Tgt Ion:113 Resp: 90648

Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 17.4 14.3 21.5



#44

Trichloroethene

Concen: 36.951 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN084127.D

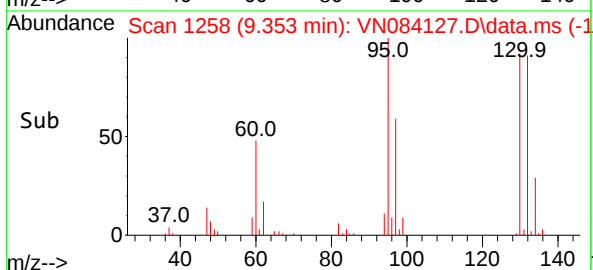
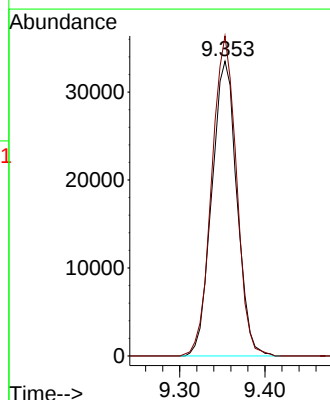
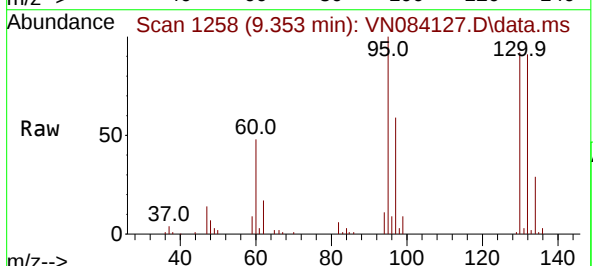
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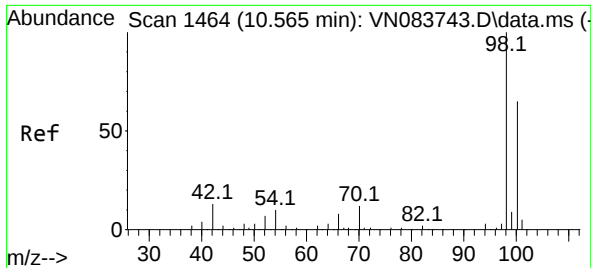
Tgt Ion:130 Resp: 68526

Ion Ratio Lower Upper

130 100

95 108.6 0.0 200.4

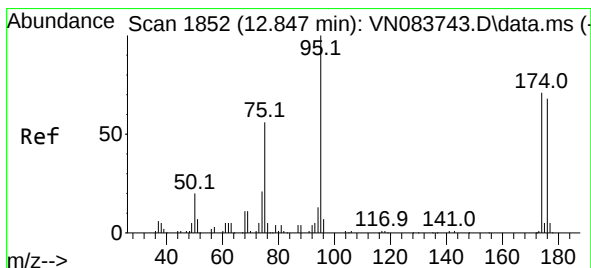
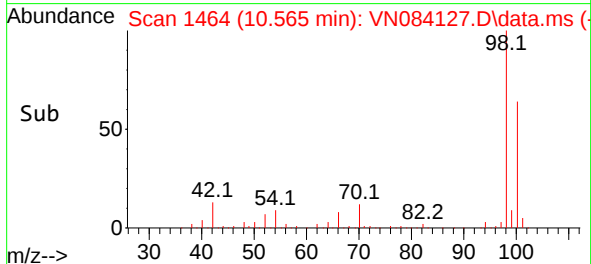
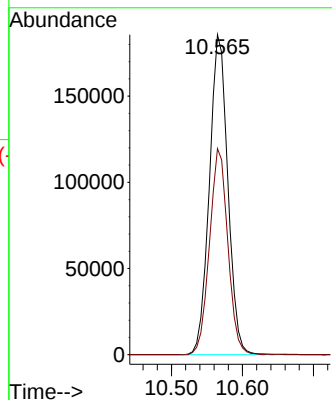
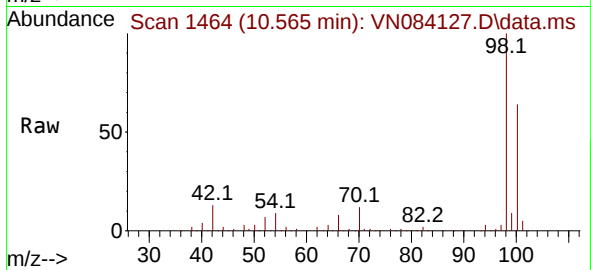




#50
Toluene-d8
Concen: 54.745 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

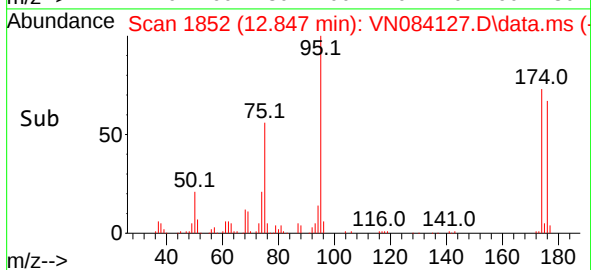
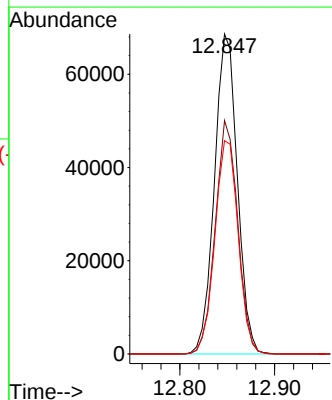
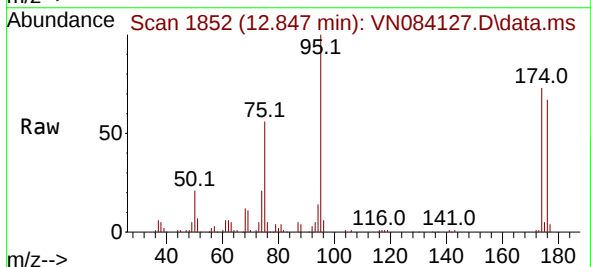
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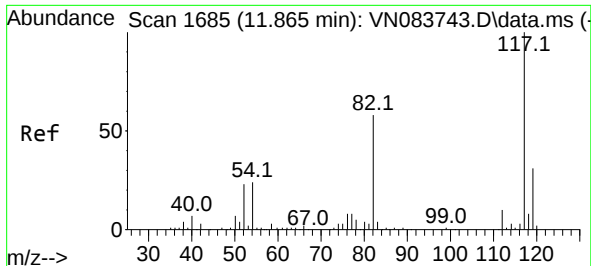
Tgt Ion: 98 Resp: 334557
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.755 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

Tgt Ion: 95 Resp: 115363
Ion Ratio Lower Upper
95 100
174 71.7 0.0 139.8
176 68.0 0.0 131.4

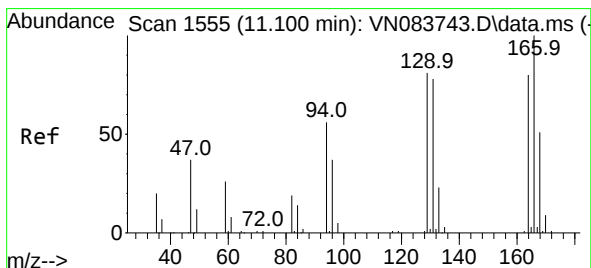
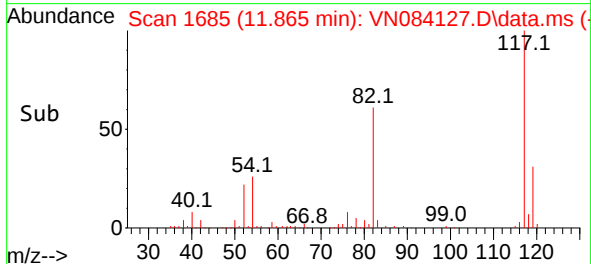
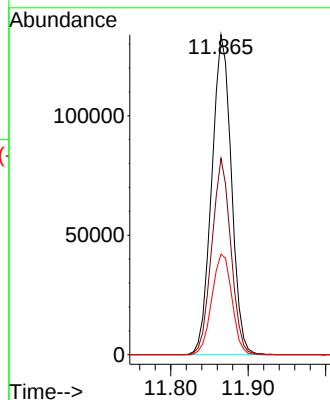
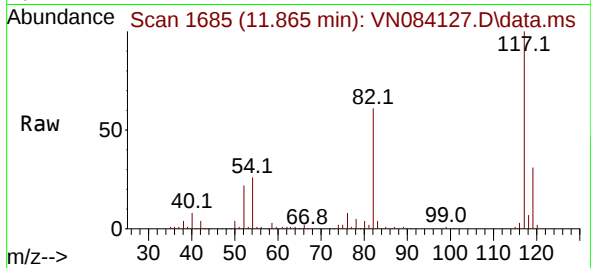




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

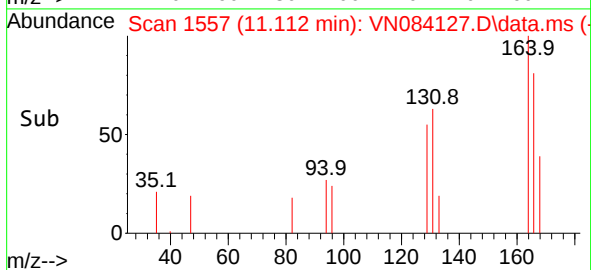
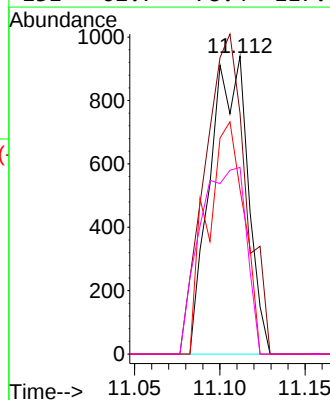
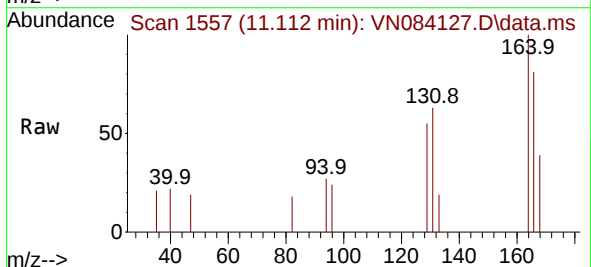
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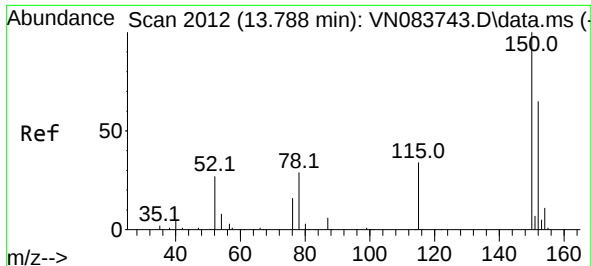
Tgt Ion:117 Resp: 235506
Ion Ratio Lower Upper
117 100
82 61.3 47.4 71.0
119 31.4 26.3 39.5



#64
Tetrachloroethene
Concen: 0.917 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.012 min
Lab File: VN084127.D
Acq: 24 Sep 2024 12:19

Tgt Ion:164 Resp: 1436
Ion Ratio Lower Upper
164 100
166 80.7 103.7 155.5#
129 55.2 79.9 119.9#
131 62.7 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: VN084127.D

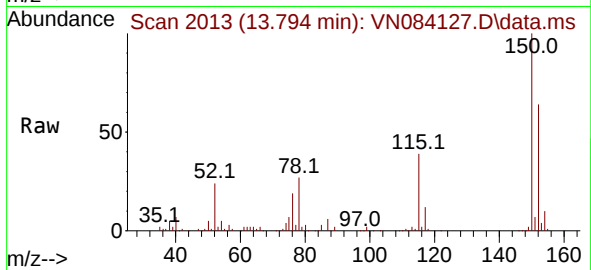
Acq: 24 Sep 2024 12:19

Instrument :

MSVOA_N

ClientSampleId :

RE120D2-20240912DL



Tgt Ion:152 Resp: 96255

Ion Ratio Lower Upper

152 100

115 63.5 32.2 96.6

150 156.9 0.0 348.6

