

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091224\
 Data File : VN083855.D
 Acq On : 13 Sep 2024 05:49
 Operator : JC\MD
 Sample : P3957-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20240910

Quant Time: Sep 13 07:16:33 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)

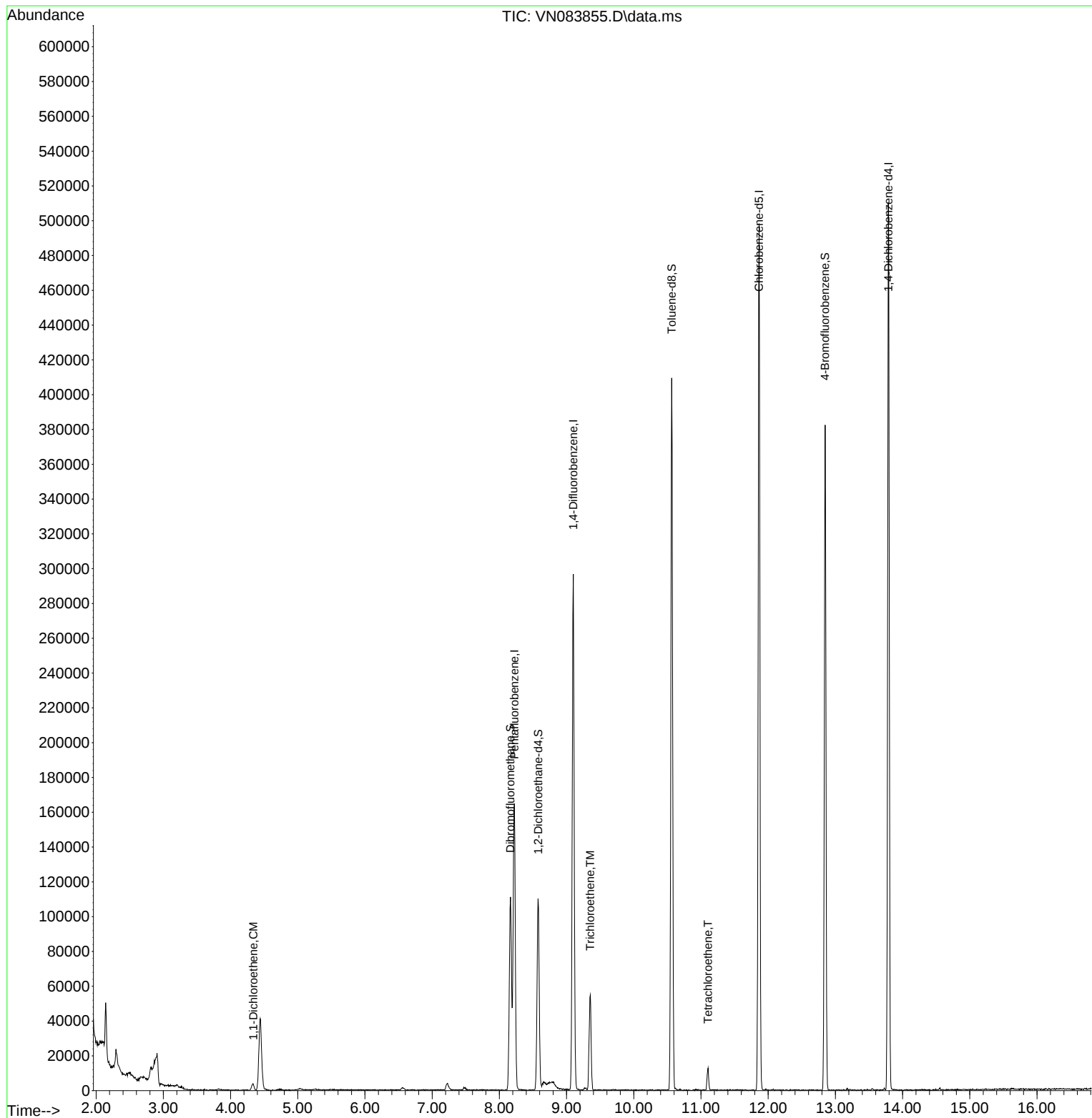
Internal Standards						
1) Pentafluorobenzene	8.224	168	113564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	237061	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	266876	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	127555	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	94565	55.224	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.440%
35) Dibromofluoromethane	8.165	113	75834	49.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.940%
50) Toluene-d8	10.565	98	272210	51.884	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.760%
62) 4-Bromofluorobenzene	12.847	95	128857	59.529	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	119.060%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.342	96	2291	1.865	ug/l #	79
44) Trichloroethene	9.353	130	19093	11.992	ug/l	95
64) Tetrachloroethene	11.106	164	2584	1.456	ug/l	93

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

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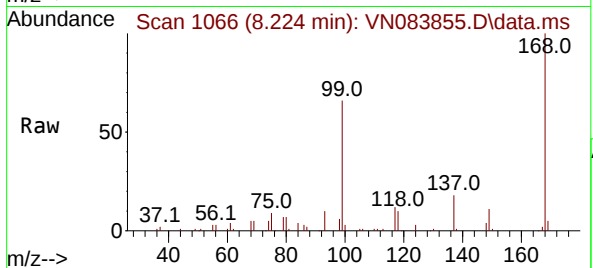
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
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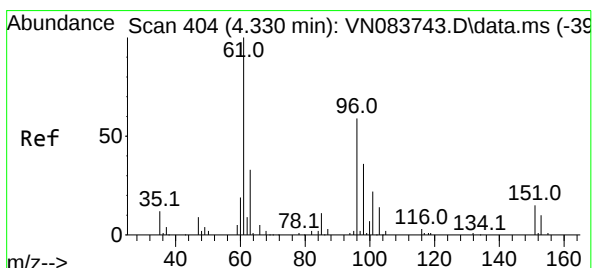
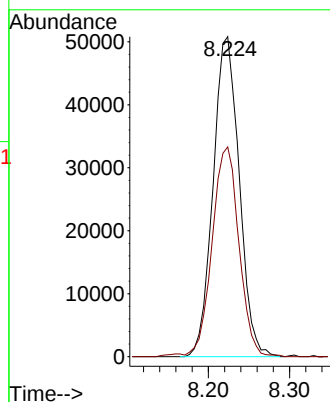
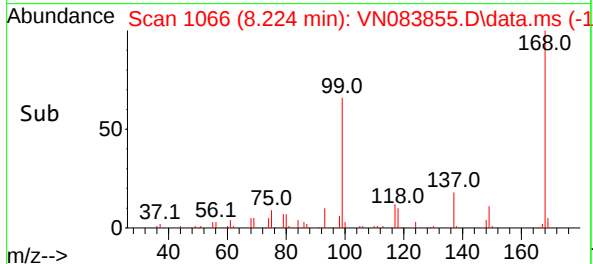


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20240910

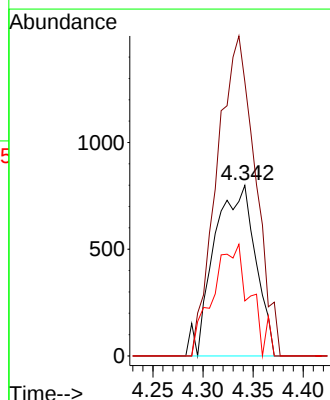
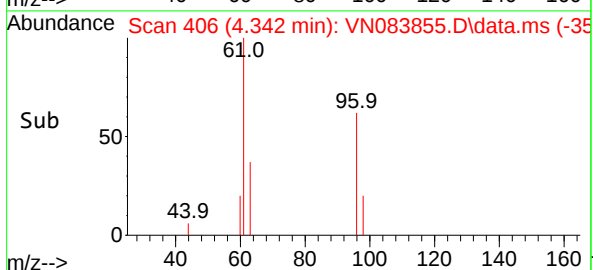
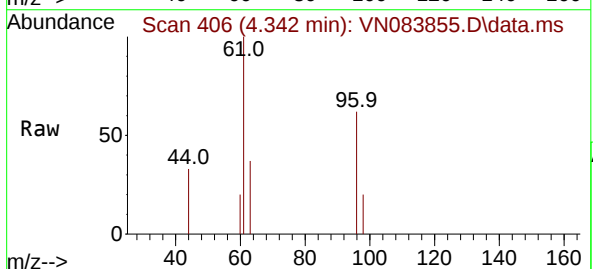


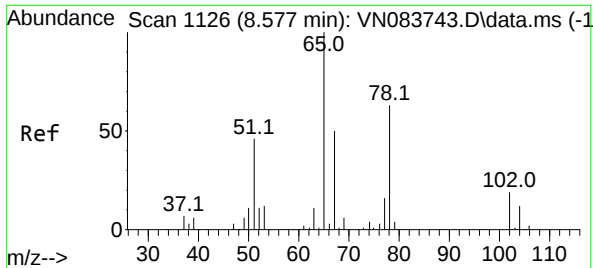
Tgt Ion:168 Resp: 113564
Ion Ratio Lower Upper
168 100
99 65.1 54.2 81.2



#12
1,1-Dichloroethene
Concen: 1.865 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

Tgt Ion: 96 Resp: 2291
Ion Ratio Lower Upper
96 100
61 160.8 143.4 215.0
98 32.3 52.7 79.1#





#33

1,2-Dichloroethane-d4

Concen: 55.224 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN083855.D

Acq: 13 Sep 2024 05:49

Instrument :

MSVOA_N

ClientSampleId :

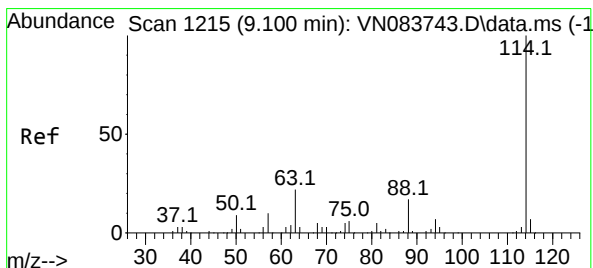
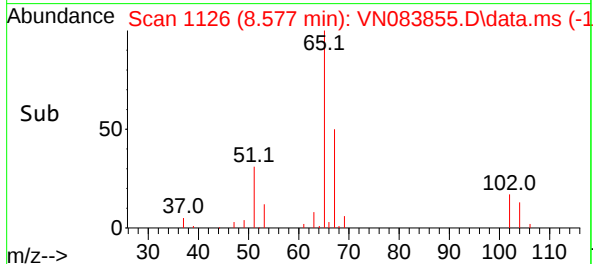
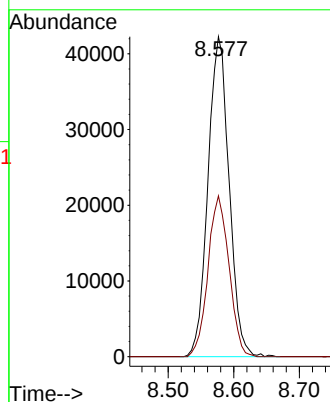
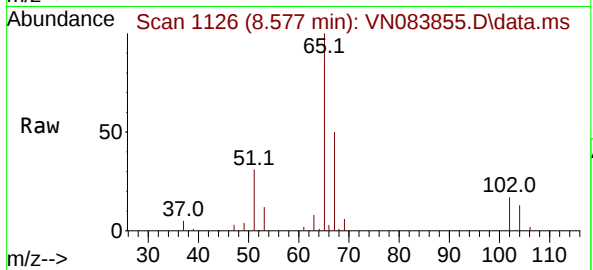
MW179D2-20240910

Tgt Ion: 65 Resp: 94565

Ion Ratio Lower Upper

65 100

67 50.0 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: VN083855.D

Acq: 13 Sep 2024 05:49

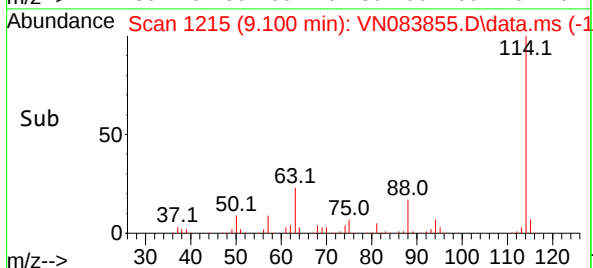
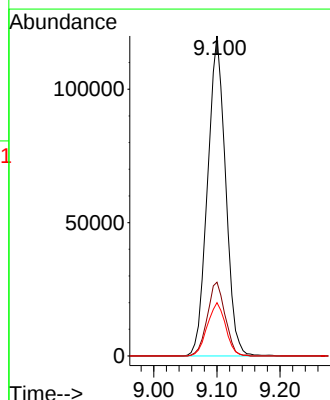
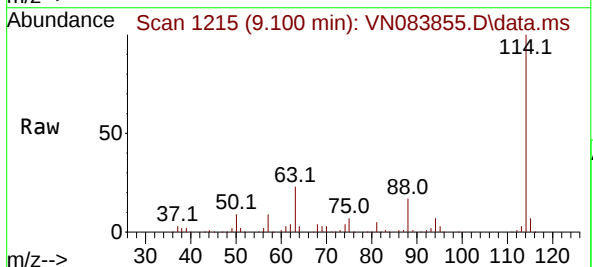
Tgt Ion: 114 Resp: 237061

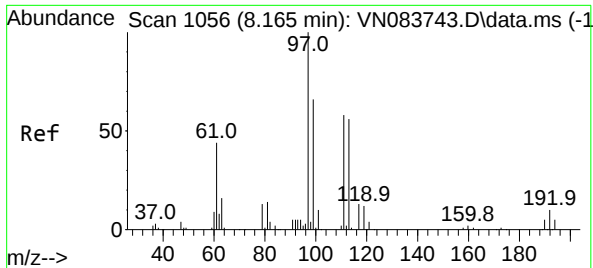
Ion Ratio Lower Upper

114 100

63 23.1 0.0 43.4

88 16.6 0.0 32.6

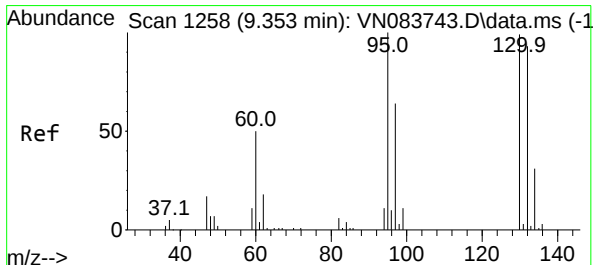
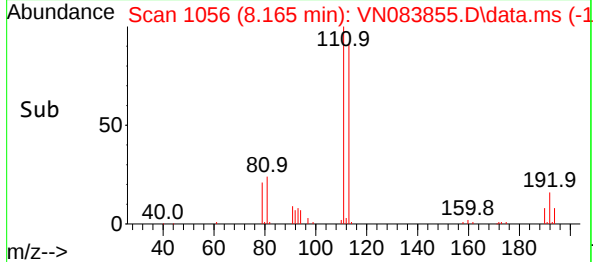
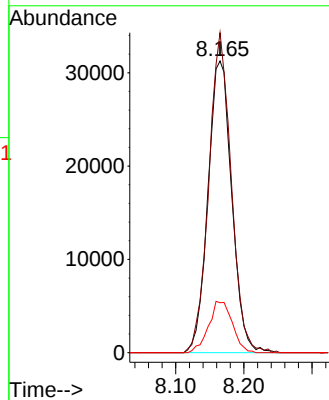
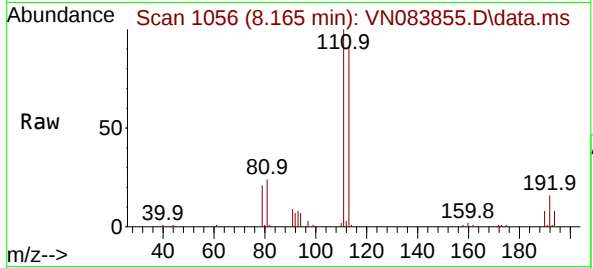




#35
Dibromofluoromethane
Concen: 49.969 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

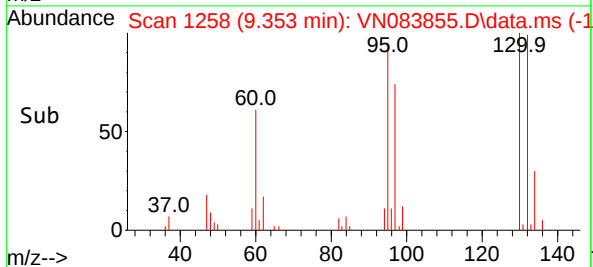
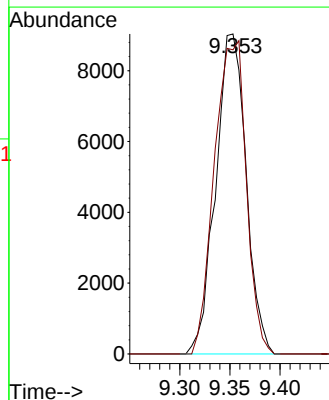
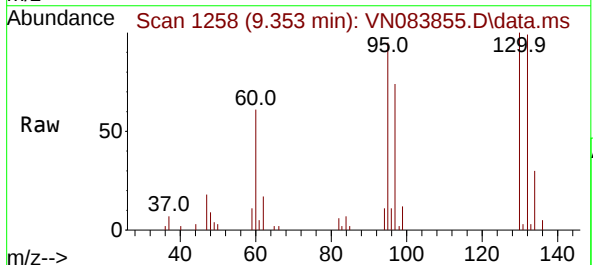
Instrument :
MSVOA_N
ClientSampleId :
MW179D2-20240910

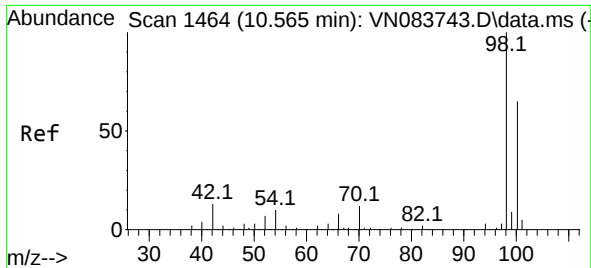
Tgt Ion:113 Resp: 75834
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 17.6 14.3 21.5



#44
Trichloroethene
Concen: 11.992 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

Tgt Ion:130 Resp: 19093
Ion Ratio Lower Upper
130 100
95 95.1 0.0 200.4

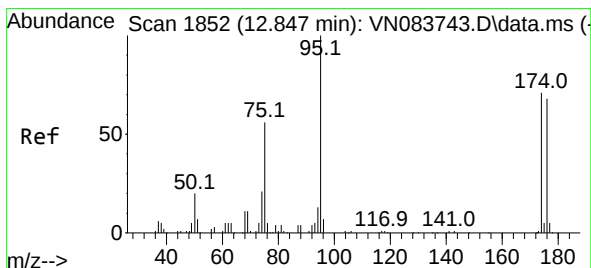
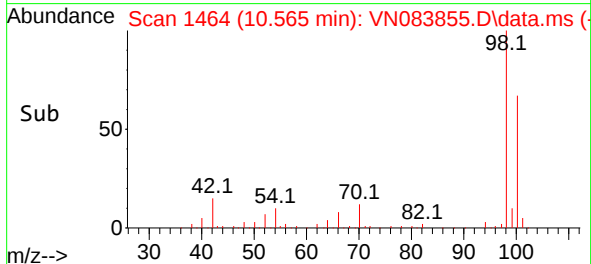
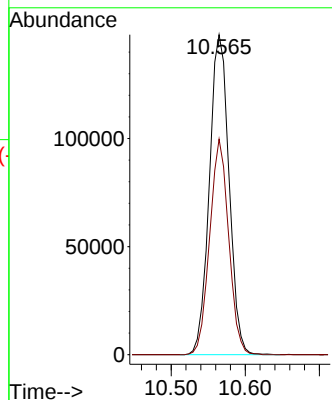
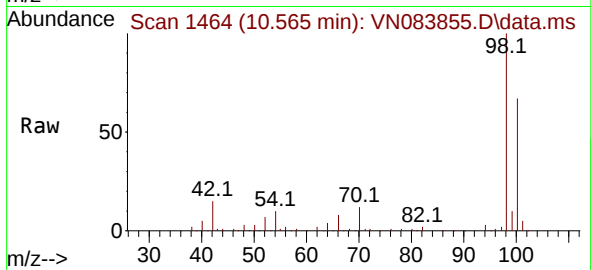




#50
Toluene-d8
Concen: 51.884 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

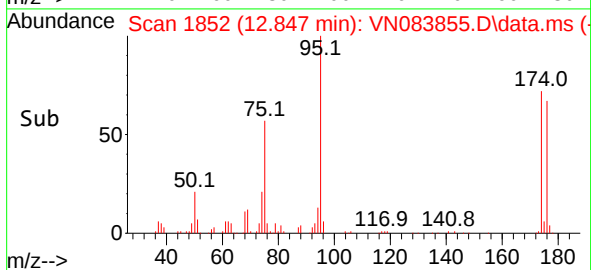
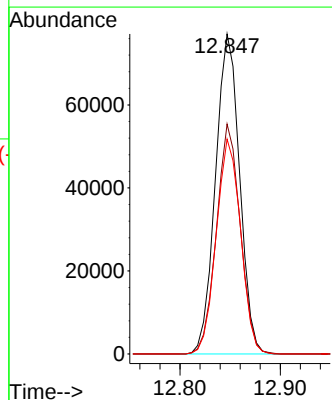
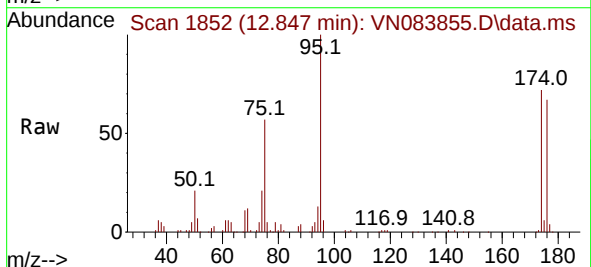
Instrument :
MSVOA_N
ClientSampleId :
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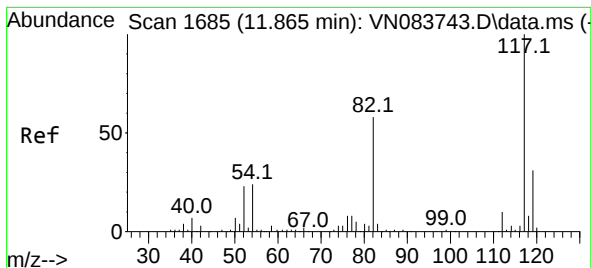
Tgt Ion: 98 Resp: 272210
Ion Ratio Lower Upper
98 100
100 65.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 59.529 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083855.D
Acq: 13 Sep 2024 05:49

Tgt Ion: 95 Resp: 128857
Ion Ratio Lower Upper
95 100
174 71.0 0.0 139.8
176 67.8 0.0 131.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN083855.D

Acq: 13 Sep 2024 05:49

Instrument :

MSVOA_N

ClientSampleId :

MW179D2-20240910

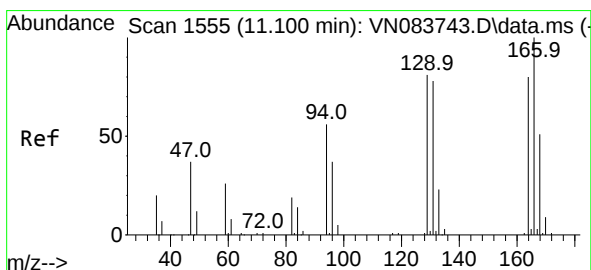
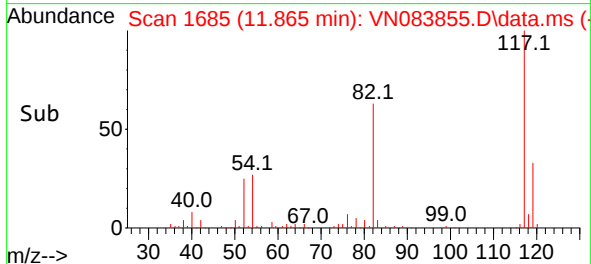
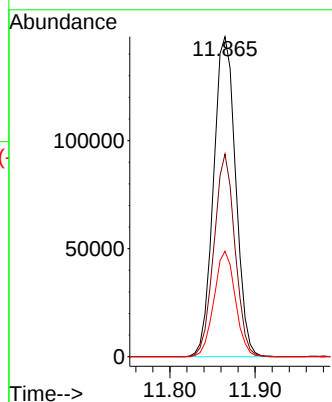
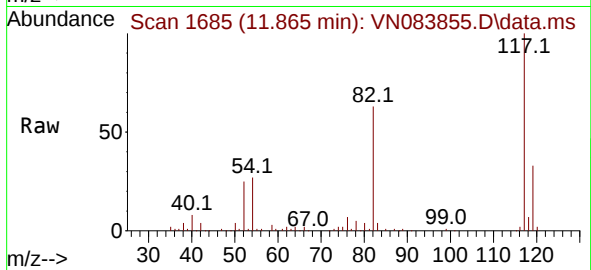
Tgt Ion:117 Resp: 266876

Ion Ratio Lower Upper

117 100

82 63.3 47.4 71.0

119 33.0 26.3 39.5



#64

Tetrachloroethene

Concen: 1.456 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN083855.D

Acq: 13 Sep 2024 05:49

Tgt Ion:164 Resp: 2584

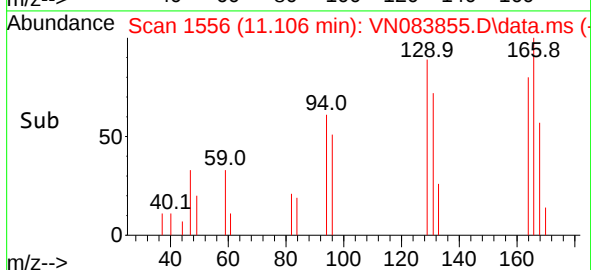
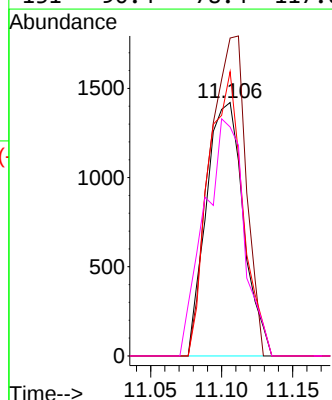
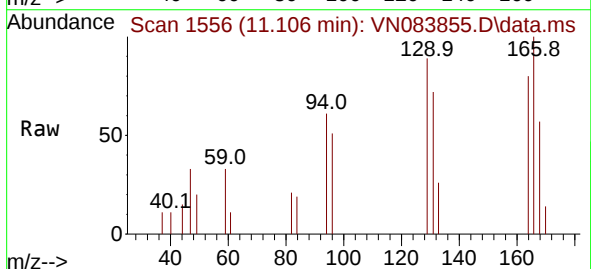
Ion Ratio Lower Upper

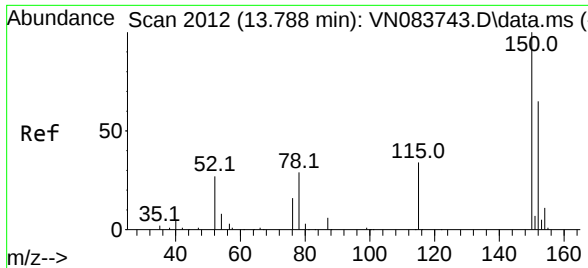
164 100

166 125.4 103.7 155.5

129 112.2 79.9 119.9

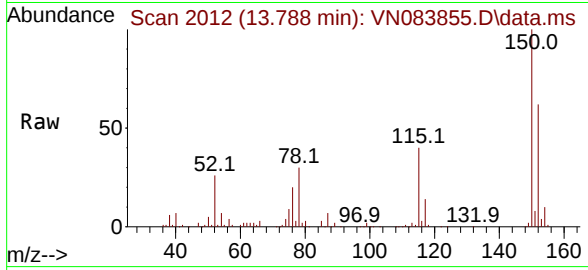
131 90.4 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN083855.D
 Acq: 13 Sep 2024 05:49

Instrument :
 MSVOA_N
 ClientSampleId :
 MW179D2-20240910



Tgt Ion:152 Resp: 127555
 Ion Ratio Lower Upper
 152 100
 115 63.9 32.2 96.6
 150 156.8 0.0 348.6

