

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083887.D
 Acq On : 14 Sep 2024 13:56
 Operator : JC\MD
 Sample : P3957-11RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D2-20240910RE

Quant Time: Sep 23 06:14:03 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)

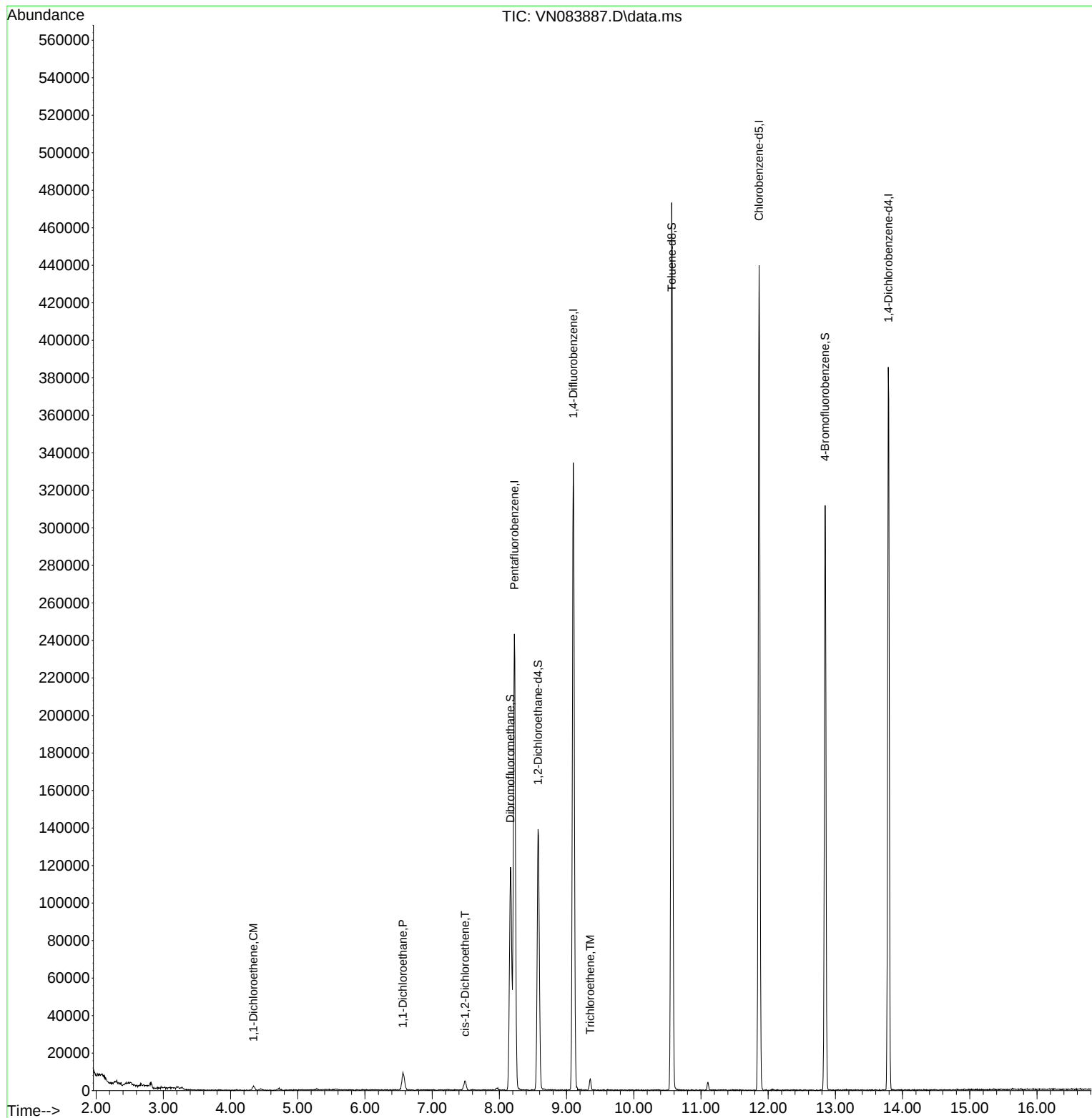
Internal Standards						
1) Pentafluorobenzene	8.224	168	162350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	276599	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233176	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97116	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	119495	48.813	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.620%
35) Dibromofluoromethane	8.165	113	84442	47.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.380%
50) Toluene-d8	10.565	98	312508	51.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.100%
62) 4-Bromofluorobenzene	12.847	95	103384	40.934	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.860%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.342	96	1218	0.694	ug/l #	78
24) 1,1-Dichloroethane	6.565	63	13348	3.597	ug/l	94
27) cis-1,2-Dichloroethene	7.489	96	3355	1.502	ug/l	85
44) Trichloroethene	9.353	130	2127	1.145	ug/l	69

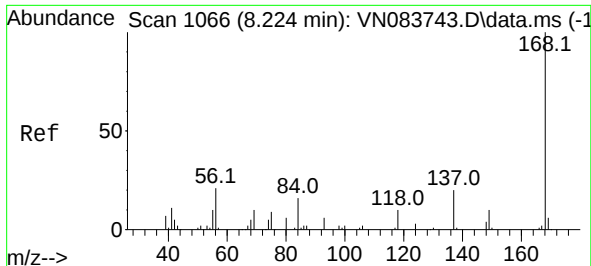
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MW203D2-20240910RE

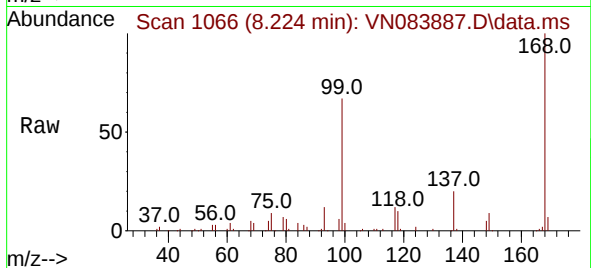
Quant Time: Sep 23 06:14:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



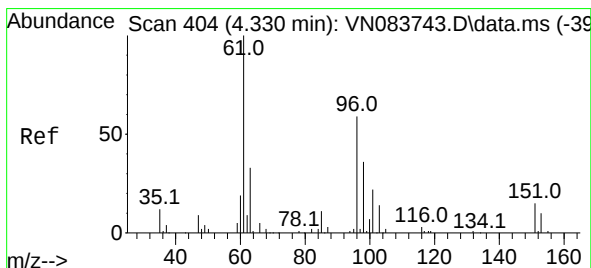
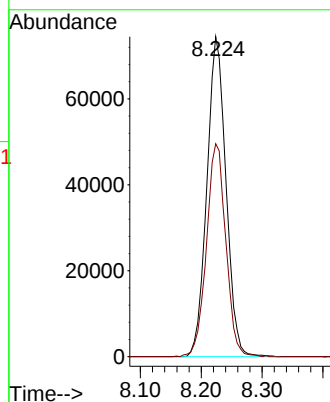
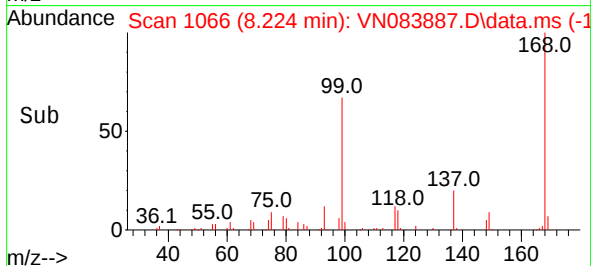


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

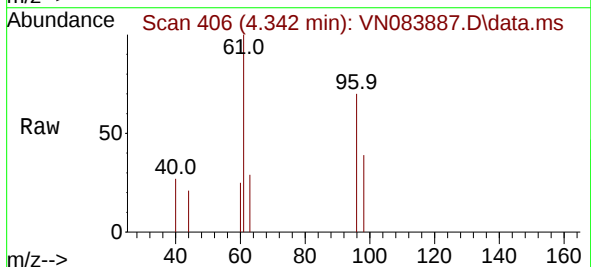
Instrument :
MSVOA_N
ClientSampleId :
MW203D2-20240910RE



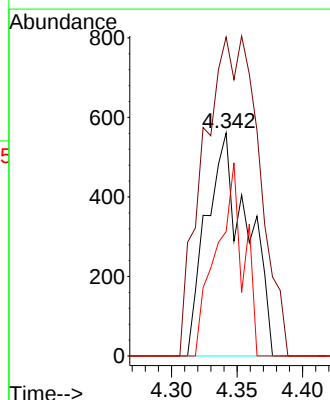
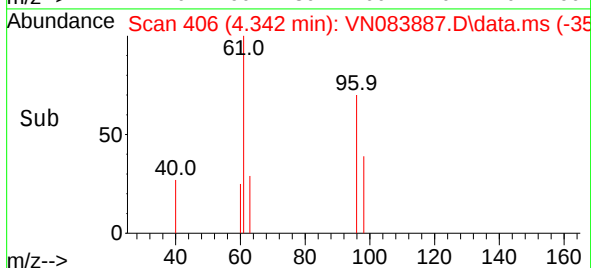
Tgt Ion:168 Resp: 162350
Ion Ratio Lower Upper
168 100
99 66.5 54.2 81.2

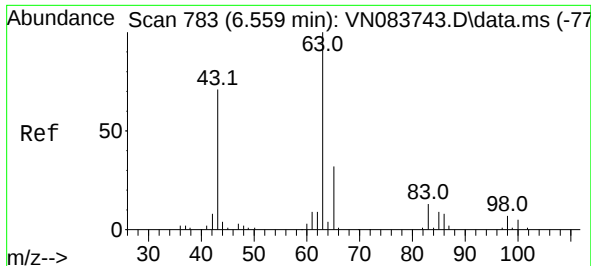


#12
1,1-Dichloroethene
Concen: 0.694 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.012 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56



Tgt Ion: 96 Resp: 1218
Ion Ratio Lower Upper
96 100
61 143.0 143.4 215.0#
98 55.8 52.7 79.1





#24

1,1-Dichloroethane

Concen: 3.597 ug/l

RT: 6.565 min Scan# 71

Delta R.T. 0.006 min

Lab File: VN083887.D

Acq: 14 Sep 2024 13:56

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20240910RE

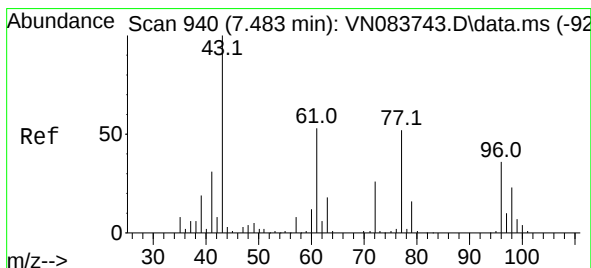
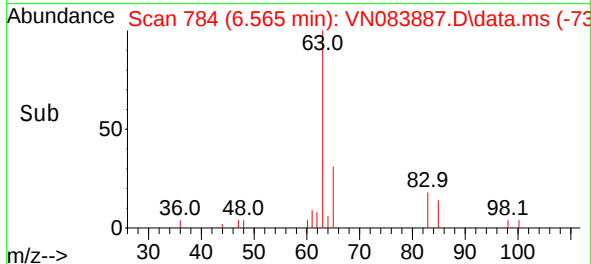
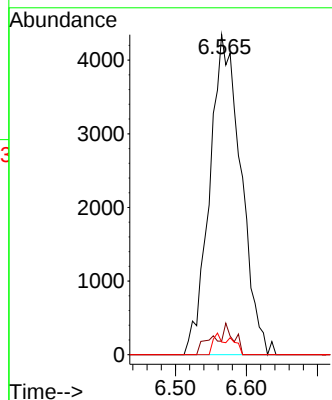
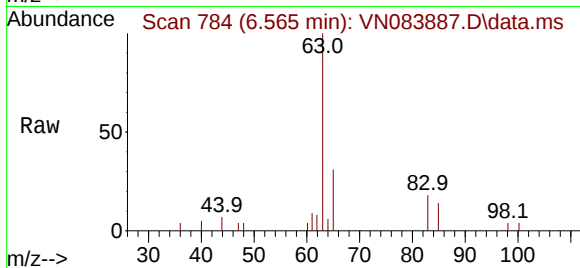
Tgt Ion: 63 Resp: 13348

Ion Ratio Lower Upper

63 100

98 4.2 3.5 10.4

100 4.0 2.5 7.5



#27

cis-1,2-Dichloroethene

Concen: 1.502 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN083887.D

Acq: 14 Sep 2024 13:56

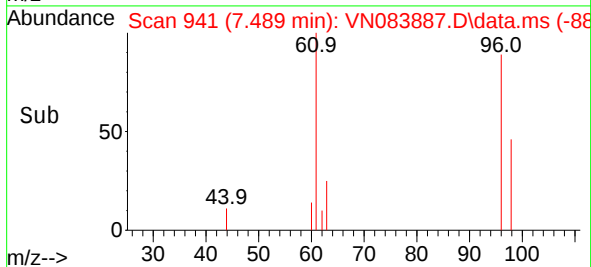
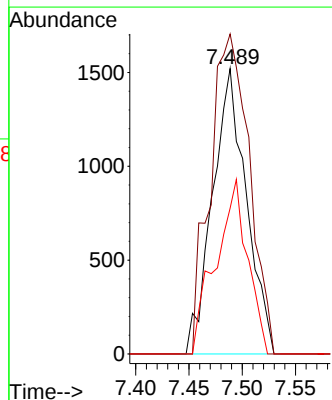
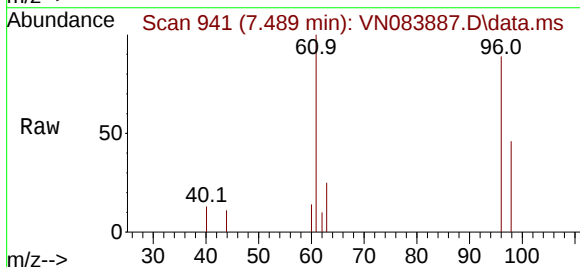
Tgt Ion: 96 Resp: 3355

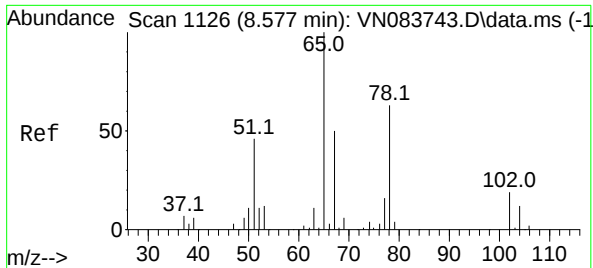
Ion Ratio Lower Upper

96 100

61 129.9 0.0 306.2

98 57.8 0.0 128.6

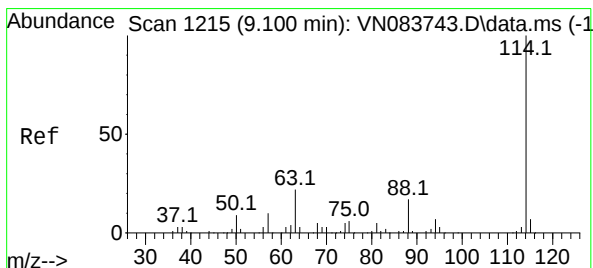
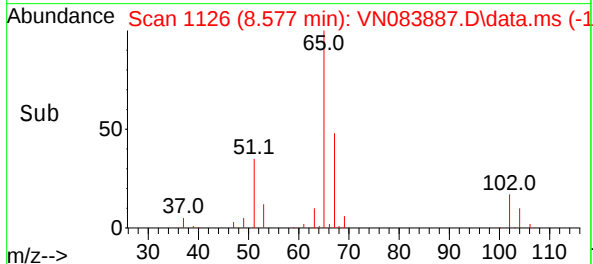
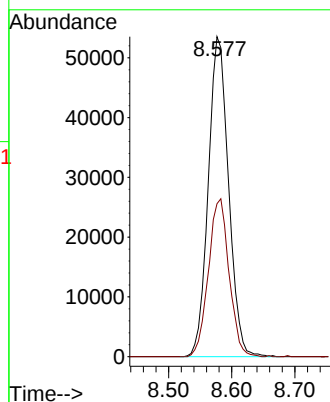
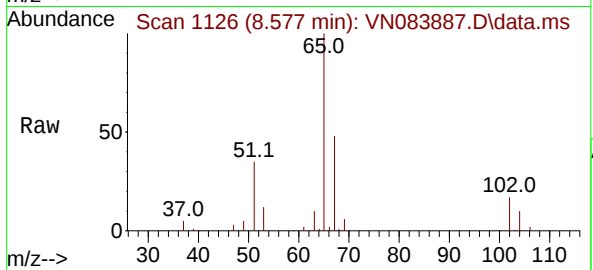




#33
1,2-Dichloroethane-d4
Concen: 48.813 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

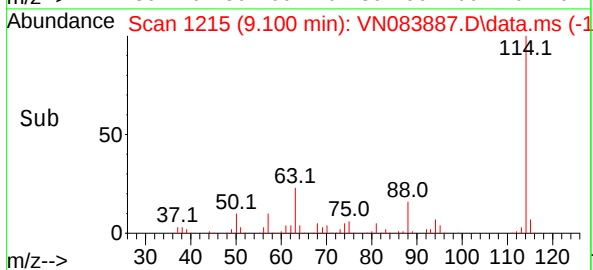
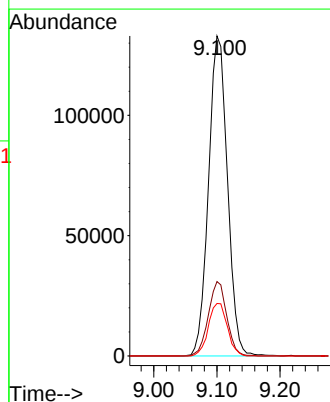
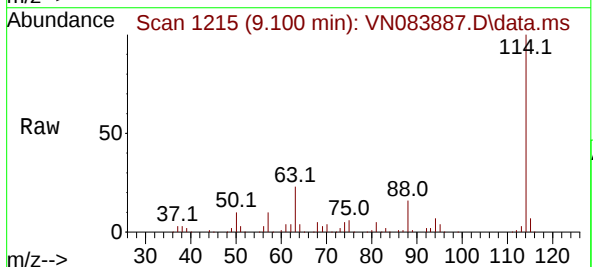
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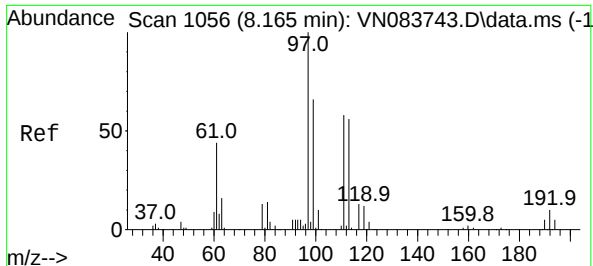
Tgt Ion: 65 Resp: 119495
Ion Ratio Lower Upper
65 100
67 50.3 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

Tgt Ion: 114 Resp: 276599
Ion Ratio Lower Upper
114 100
63 23.2 0.0 43.4
88 16.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.687 ug/l

RT: 8.165 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN083887.D

Acq: 14 Sep 2024 13:56

Instrument :

MSVOA_N

ClientSampleId :

MW203D2-20240910RE

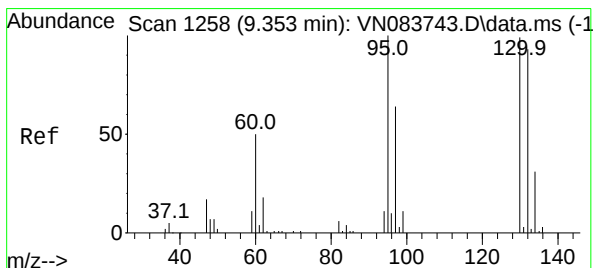
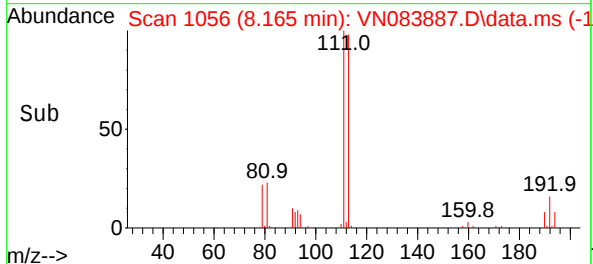
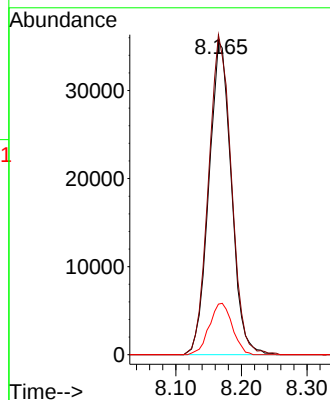
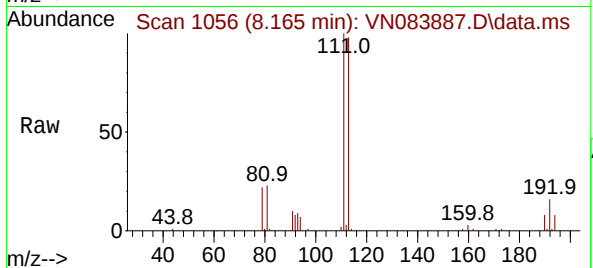
Tgt Ion:113 Resp: 84442

Ion Ratio Lower Upper

113 100

111 104.1 82.6 124.0

192 16.8 14.3 21.5



#44

Trichloroethene

Concen: 1.145 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. 0.000 min

Lab File: VN083887.D

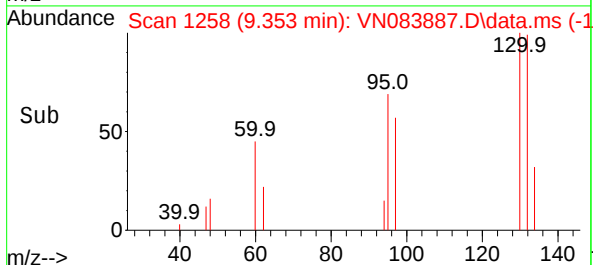
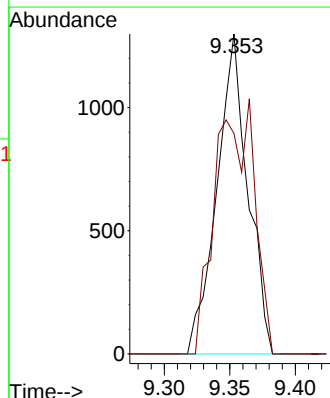
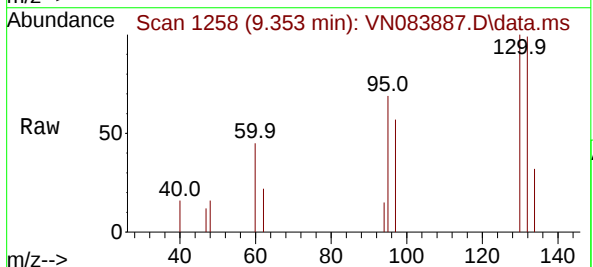
Acq: 14 Sep 2024 13:56

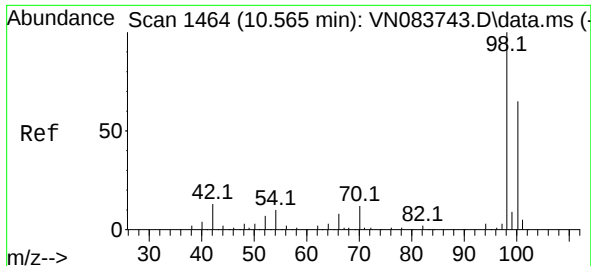
Tgt Ion:130 Resp: 2127

Ion Ratio Lower Upper

130 100

95 68.9 0.0 200.4

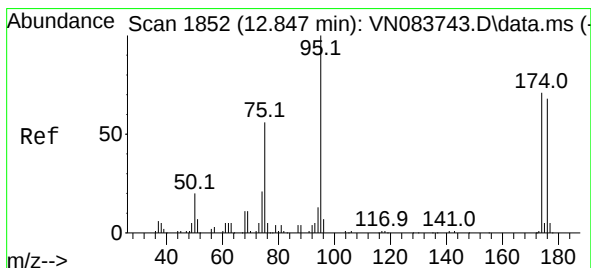
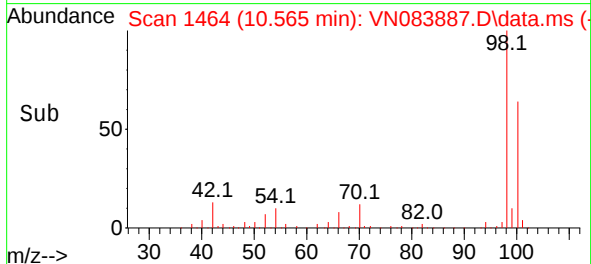
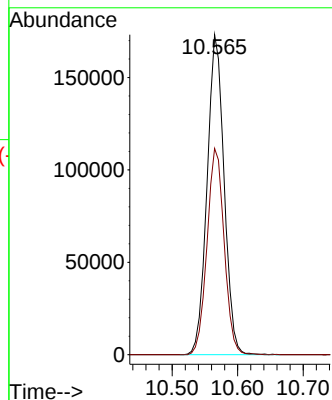
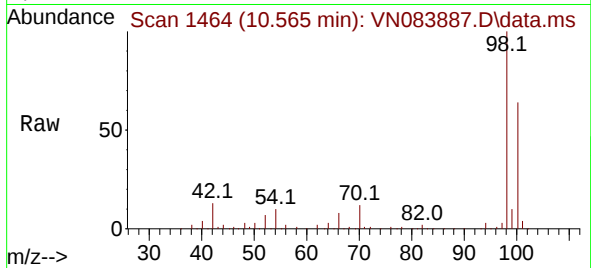




#50
Toluene-d8
Concen: 51.050 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

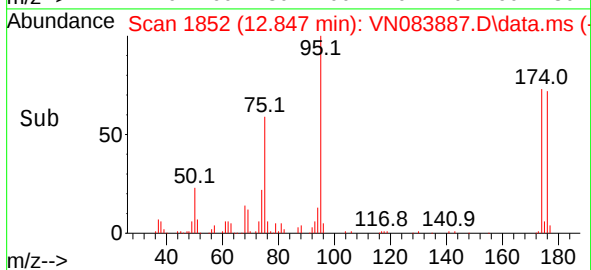
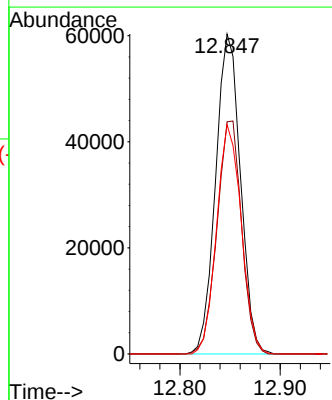
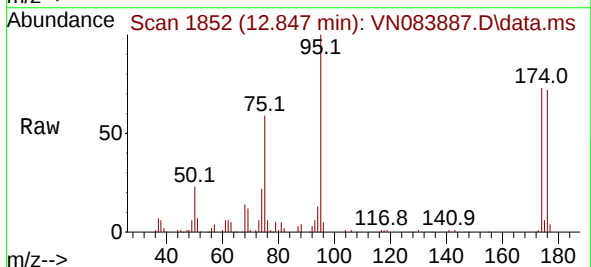
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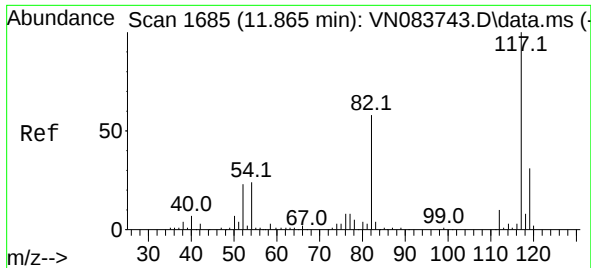
Tgt Ion: 98 Resp: 312508
Ion Ratio Lower Upper
98 100
100 64.9 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.934 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

Tgt Ion: 95 Resp: 103384
Ion Ratio Lower Upper
95 100
174 72.2 0.0 139.8
176 71.3 0.0 131.4

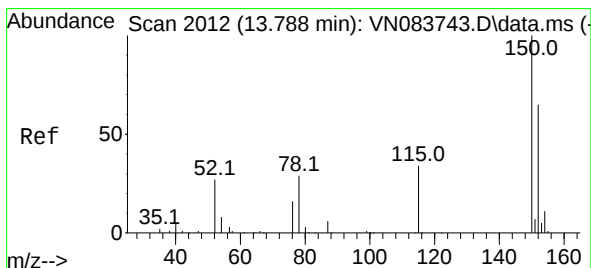
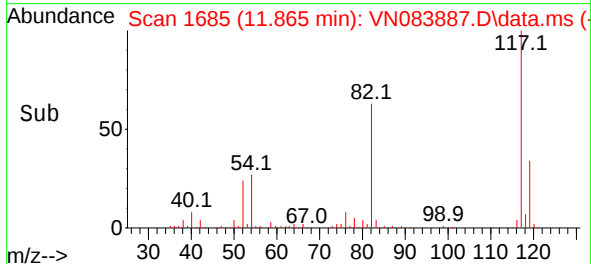
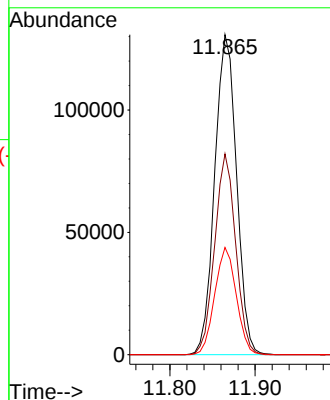
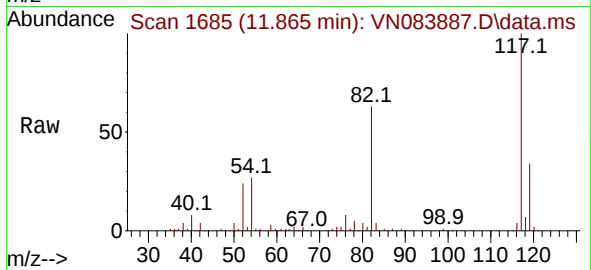




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 233176
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.0
119 33.5 26.3 39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN083887.D
Acq: 14 Sep 2024 13:56

Tgt Ion:152 Resp: 97116
Ion Ratio Lower Upper
152 100
115 63.4 32.2 96.6
150 155.7 0.0 348.6

