

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091424\
 Data File : VN083888.D
 Acq On : 14 Sep 2024 14:20
 Operator : JC\MD
 Sample : P3957-12RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW203D1-20240910RE

Quant Time: Sep 16 01:35:15 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)

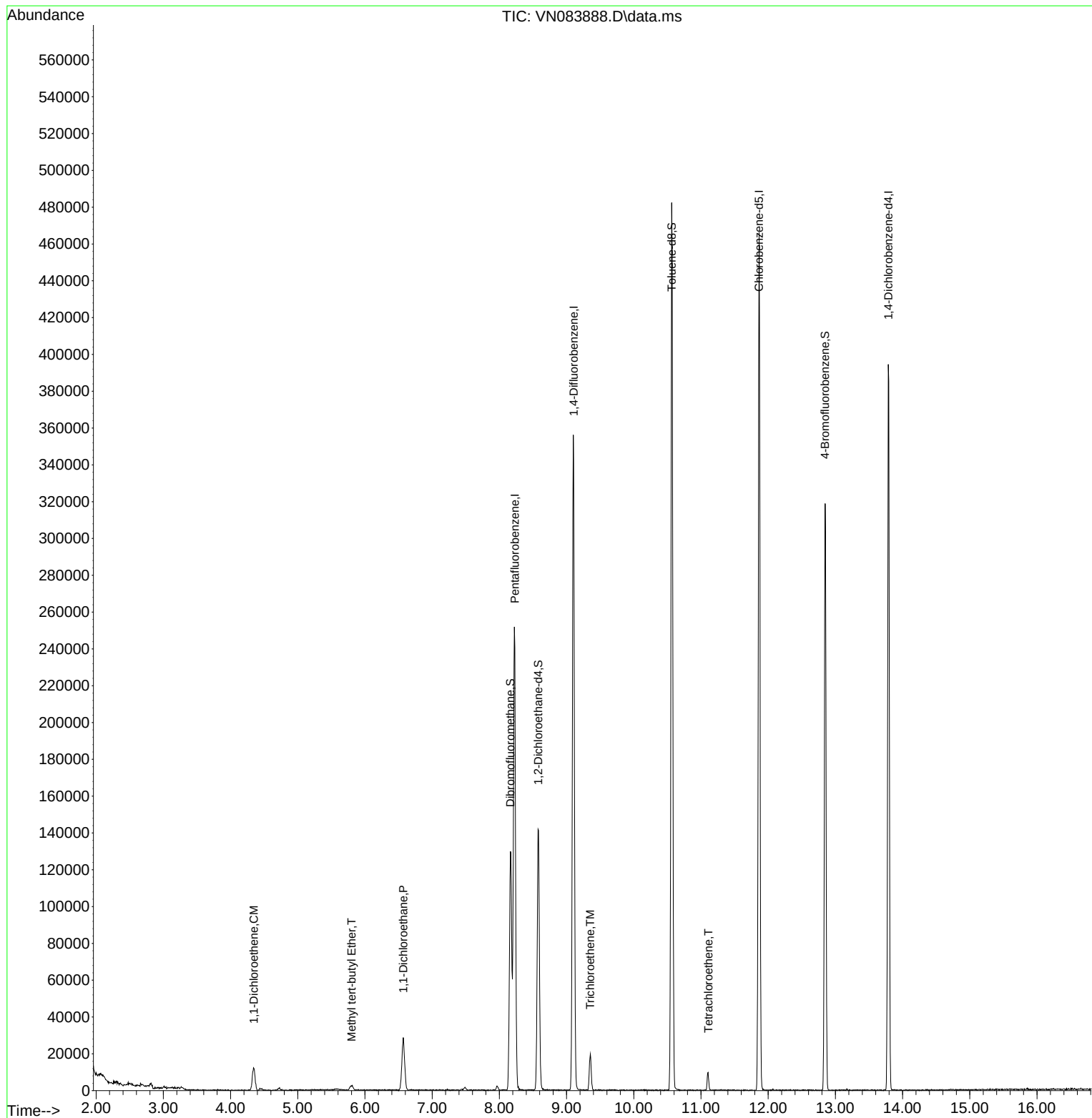
Internal Standards						
1) Pentafluorobenzene	8.230	168	170045	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	290667	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	99759	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	124431	48.529	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.060%
35) Dibromofluoromethane	8.165	113	88447	47.531	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.060%
50) Toluene-d8	10.565	98	325290	50.566	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.847	95	108425	40.852	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	81.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.347	96	7412	4.030	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	4367	0.656	ug/l #	87
24) 1,1-Dichloroethane	6.571	63	39923	10.272	ug/l	98
44) Trichloroethene	9.353	130	6970	3.570	ug/l	98
64) Tetrachloroethene	11.112	164	2074	1.264	ug/l #	68

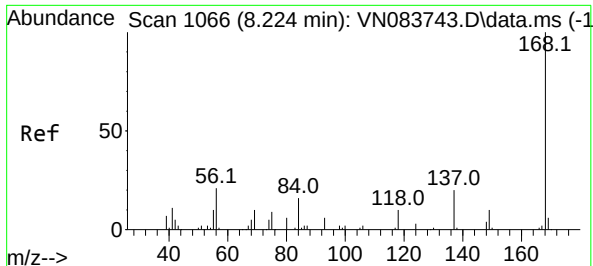
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

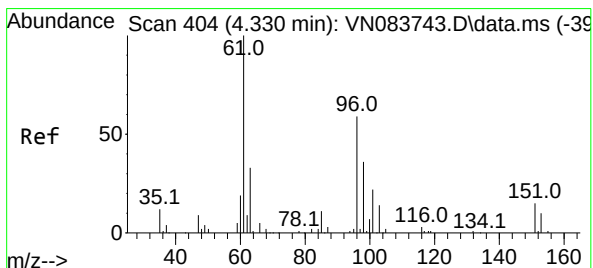
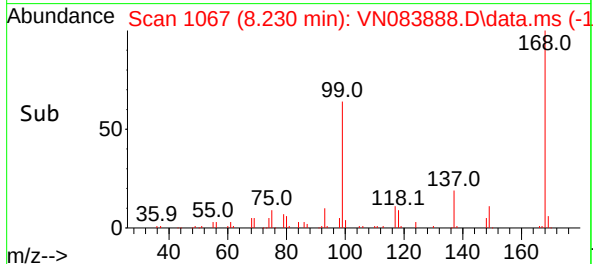
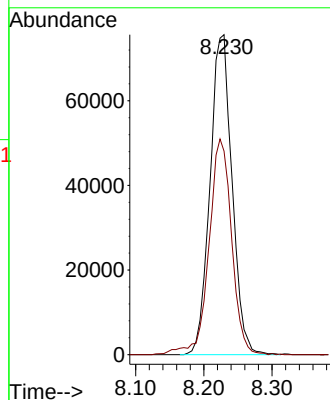
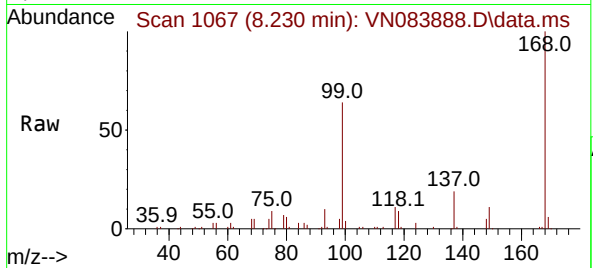




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

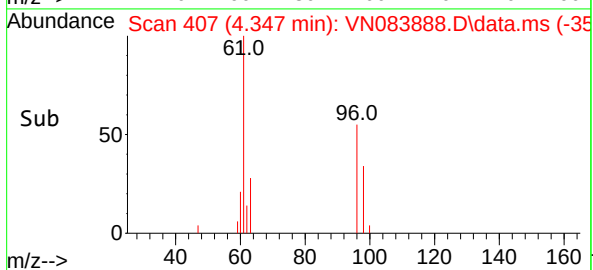
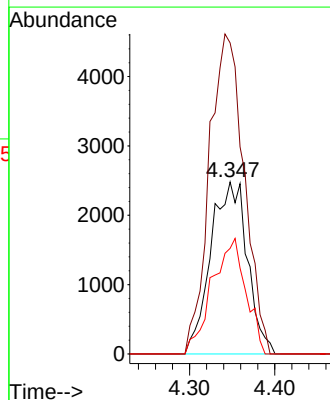
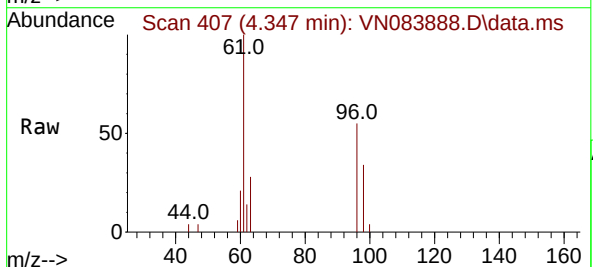
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20240910RE

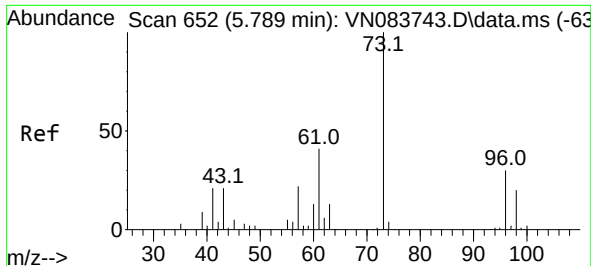
Tgt Ion:168 Resp: 170045
Ion Ratio Lower Upper
168 100
99 63.4 54.2 81.2



#12
1,1-Dichloroethene
Concen: 4.030 ug/l
RT: 4.347 min Scan# 407
Delta R.T. 0.018 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

Tgt Ion: 96 Resp: 7412
Ion Ratio Lower Upper
96 100
61 180.8 143.4 215.0
98 61.4 52.7 79.1

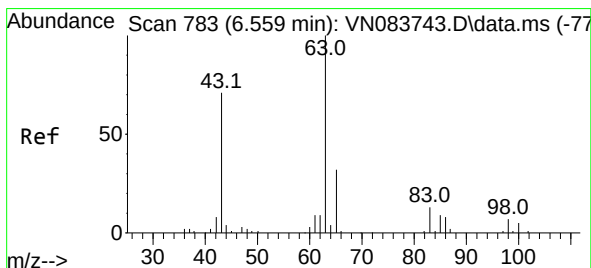
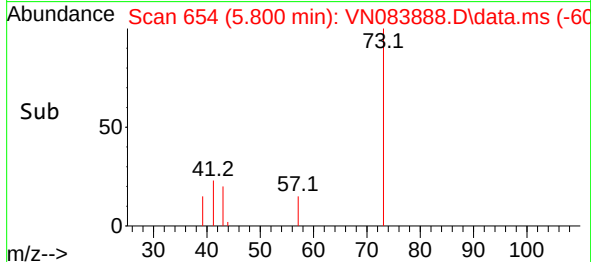
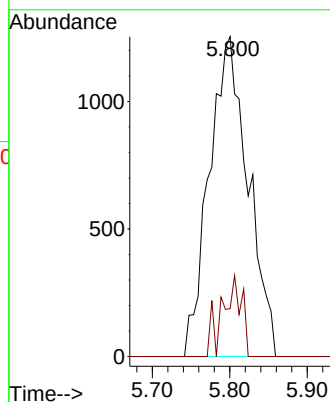
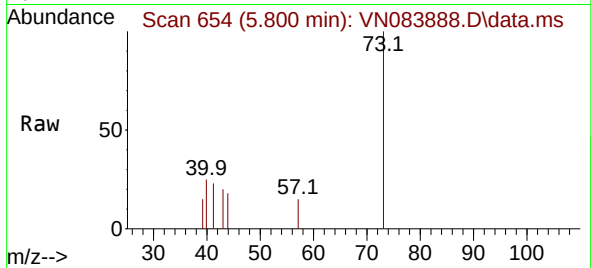




#19
Methyl tert-butyl Ether
Concen: 0.656 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.012 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

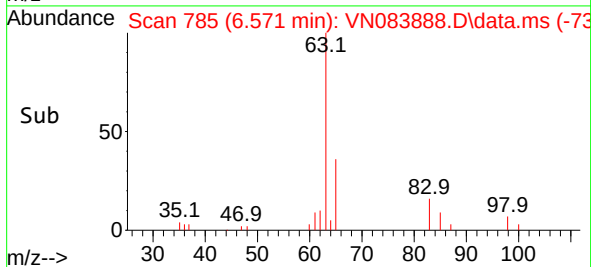
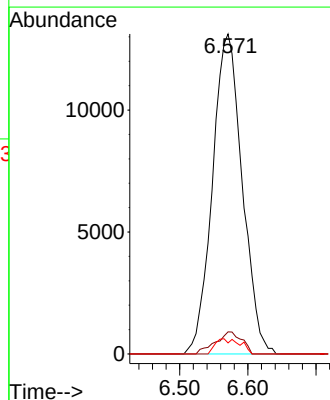
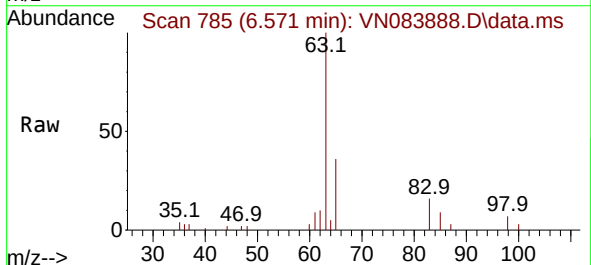
Instrument :
MSVOA_N
ClientSampleId :
MW203D1-20240910RE

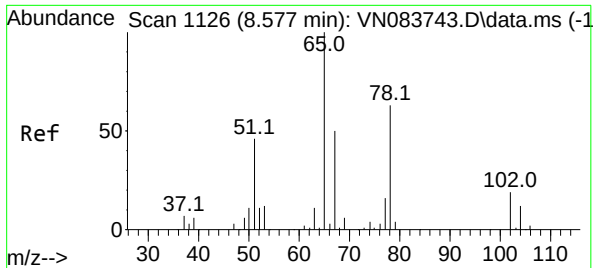
Tgt Ion: 73 Resp: 4367
Ion Ratio Lower Upper
73 100
57 15.0 17.0 25.6#



#24
1,1-Dichloroethane
Concen: 10.272 ug/l
RT: 6.571 min Scan# 785
Delta R.T. 0.012 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

Tgt Ion: 63 Resp: 39923
Ion Ratio Lower Upper
63 100
98 6.9 3.5 10.4
100 3.4 2.5 7.5





#33

1,2-Dichloroethane-d4

Concen: 48.529 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN083888.D

Acq: 14 Sep 2024 14:20

Instrument :

MSVOA_N

ClientSampleId :

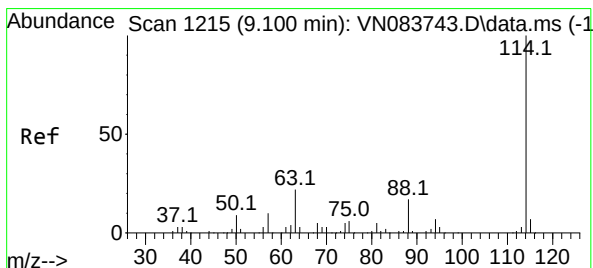
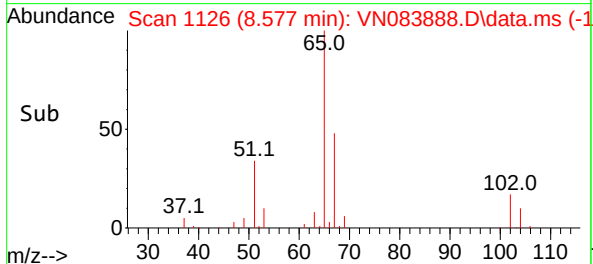
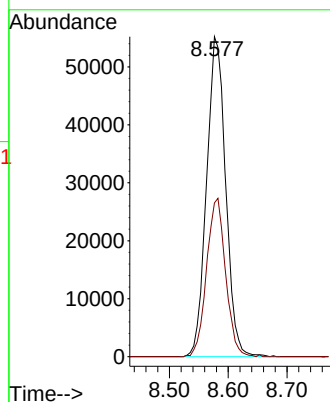
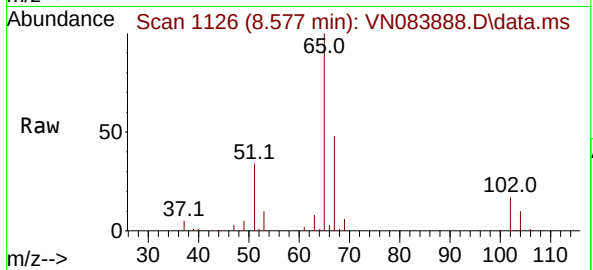
MW203D1-20240910RE

Tgt Ion: 65 Resp: 124431

Ion Ratio Lower Upper

65 100

67 49.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VN083888.D

Acq: 14 Sep 2024 14:20

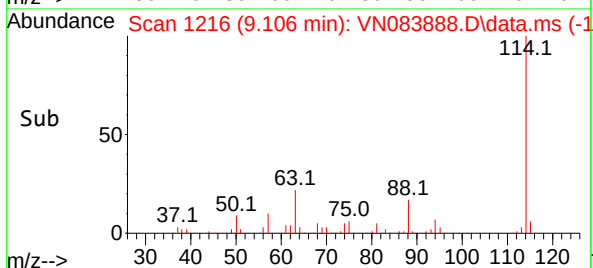
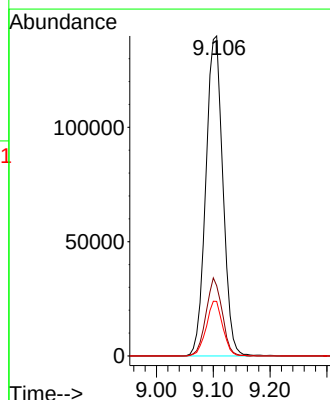
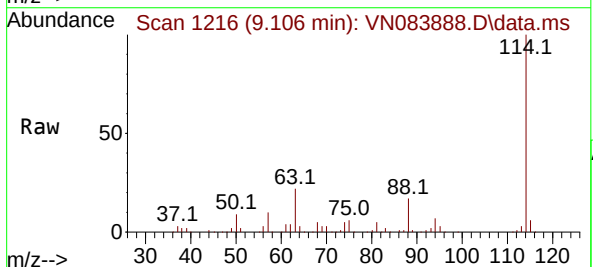
Tgt Ion: 114 Resp: 290667

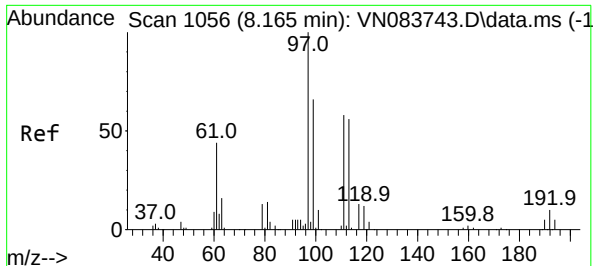
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.531 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN083888.D

Acq: 14 Sep 2024 14:20

Instrument :

MSVOA_N

ClientSampleId :

MW203D1-20240910RE

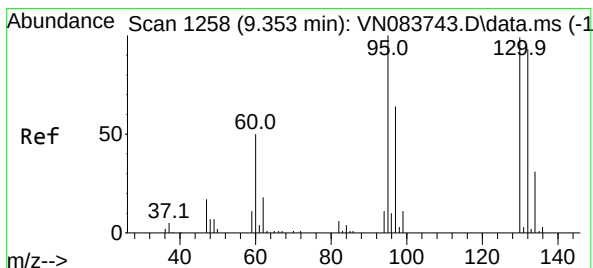
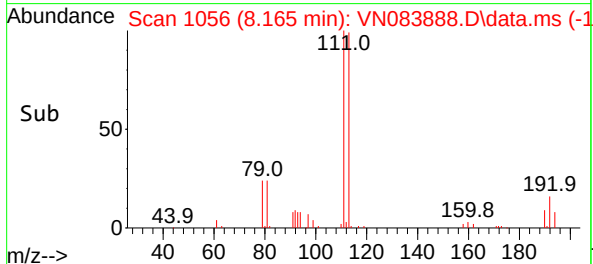
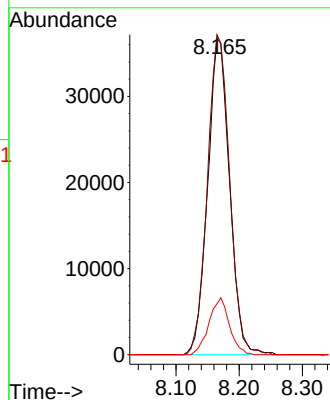
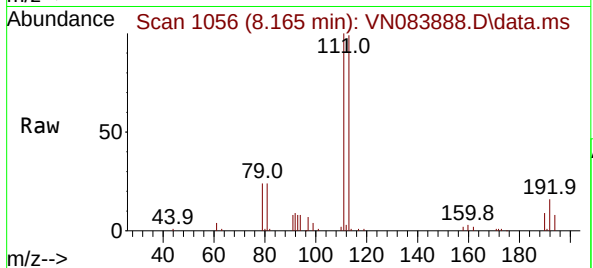
Tgt Ion:113 Resp: 88447

Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 16.8 14.3 21.5



#44

Trichloroethene

Concen: 3.570 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN083888.D

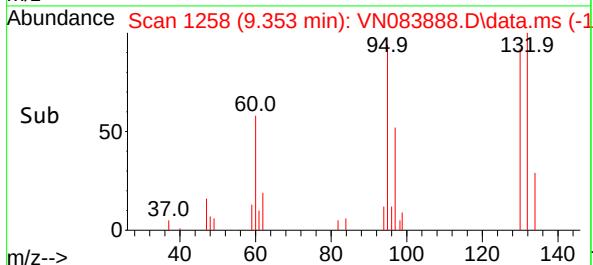
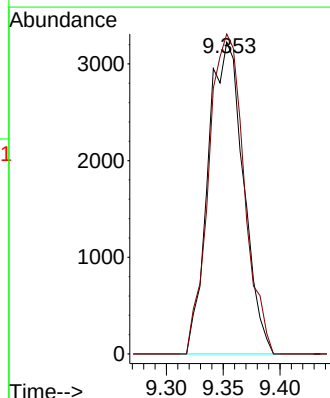
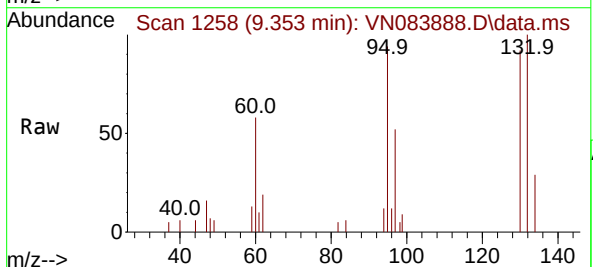
Acq: 14 Sep 2024 14:20

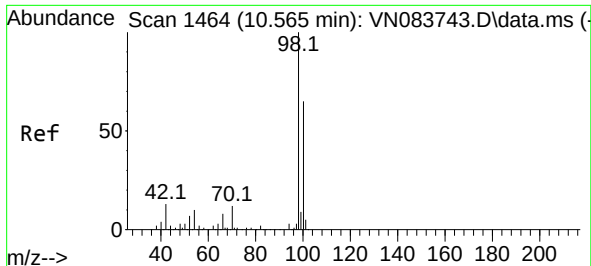
Tgt Ion:130 Resp: 6970

Ion Ratio Lower Upper

130 100

95 102.6 0.0 200.4

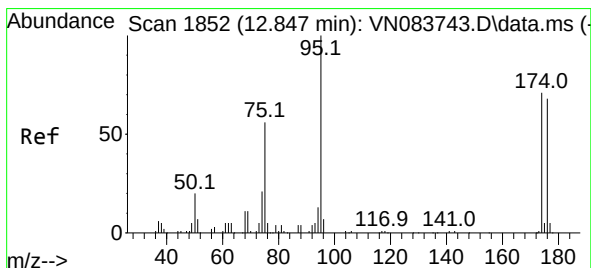
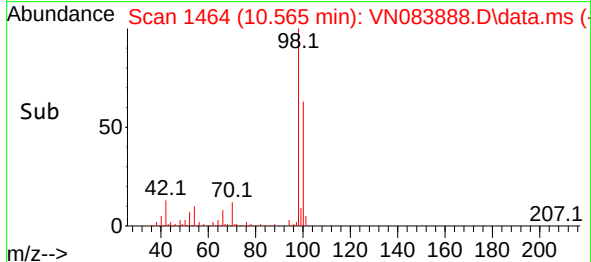
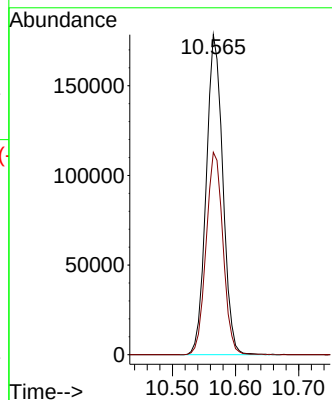
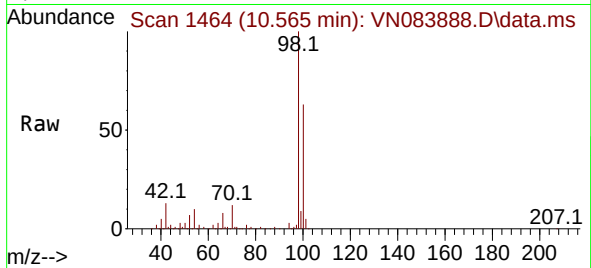




#50
Toluene-d8
Concen: 50.566 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

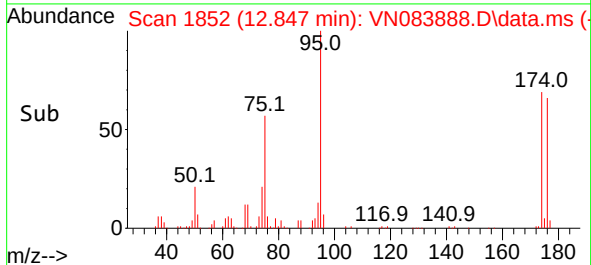
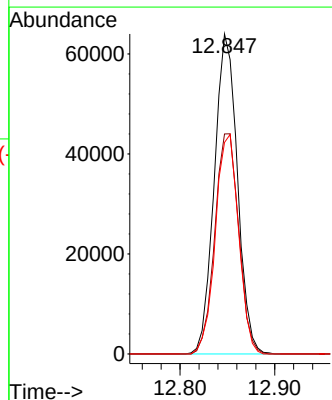
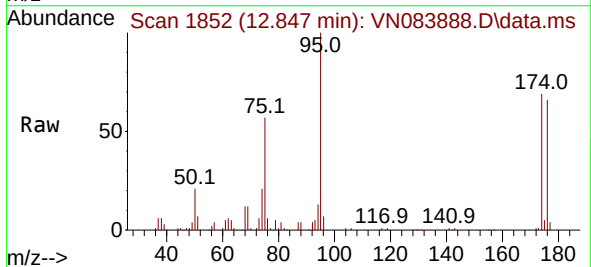
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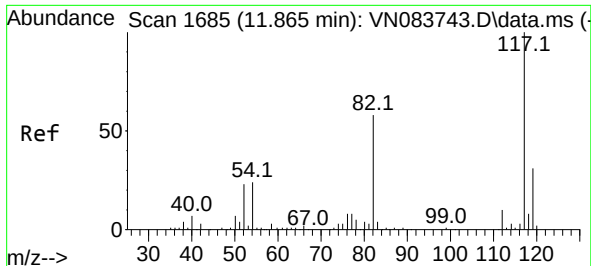
Tgt Ion: 98 Resp: 325290
Ion Ratio Lower Upper
98 100
100 64.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.852 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

Tgt Ion: 95 Resp: 108425
Ion Ratio Lower Upper
95 100
174 71.4 0.0 139.8
176 68.9 0.0 131.4

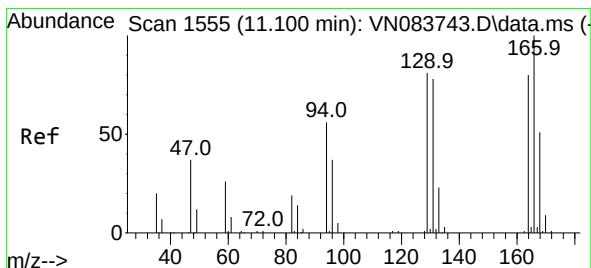
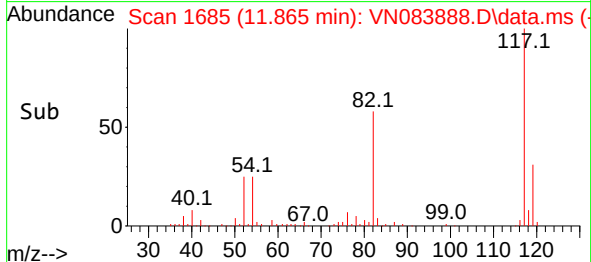
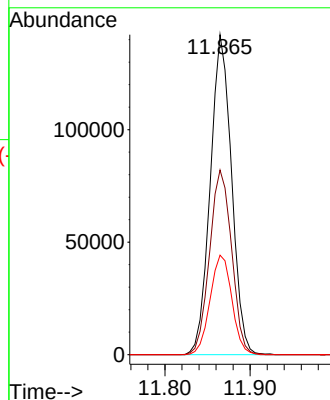
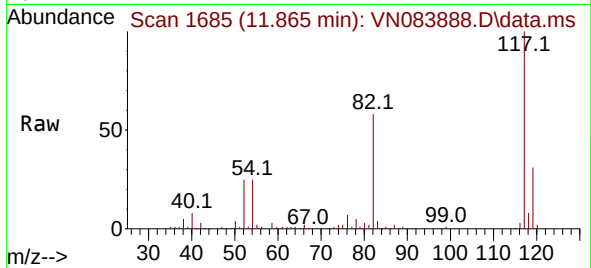




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

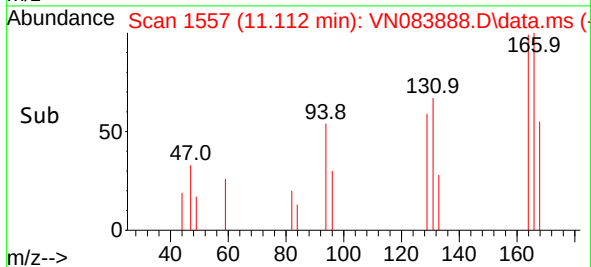
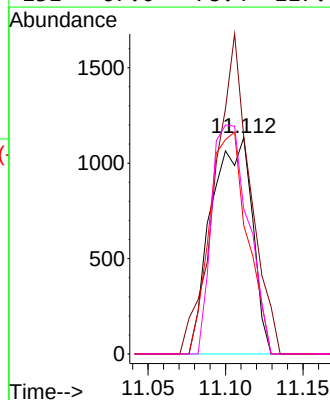
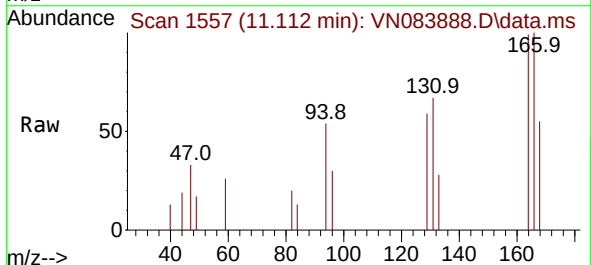
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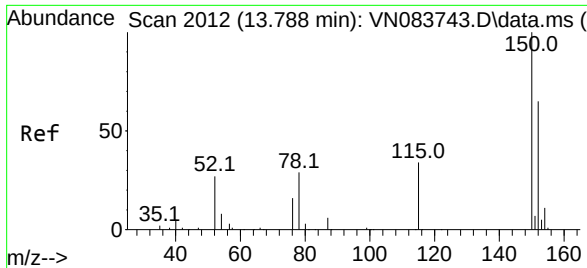
Tgt Ion:117 Resp: 246686
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 31.1 26.3 39.5



#64
Tetrachloroethene
Concen: 1.264 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. 0.012 min
Lab File: VN083888.D
Acq: 14 Sep 2024 14:20

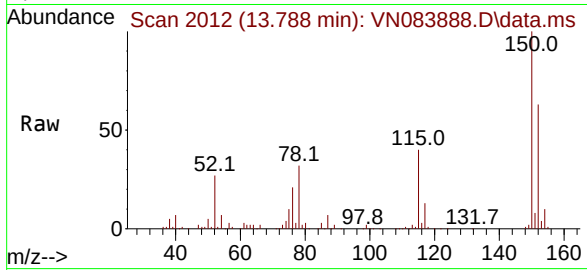
Tgt Ion:164 Resp: 2074
Ion Ratio Lower Upper
164 100
166 100.5 103.7 155.5#
129 59.4 79.9 119.9#
131 67.0 78.4 117.6#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN083888.D
 Acq: 14 Sep 2024 14:20

Instrument :
 MSVOA_N
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 MW203D1-20240910RE



Tgt Ion:	152	Resp:	99759
Ion	Ratio	Lower	Upper
152	100		
115	64.9	32.2	96.6
150	158.2	0.0	348.6

