

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084156.D
 Acq On : 25 Sep 2024 13:47
 Operator : JC\MD
 Sample : P4116-19
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20240918

Quant Time: Sep 26 01:33:27 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)

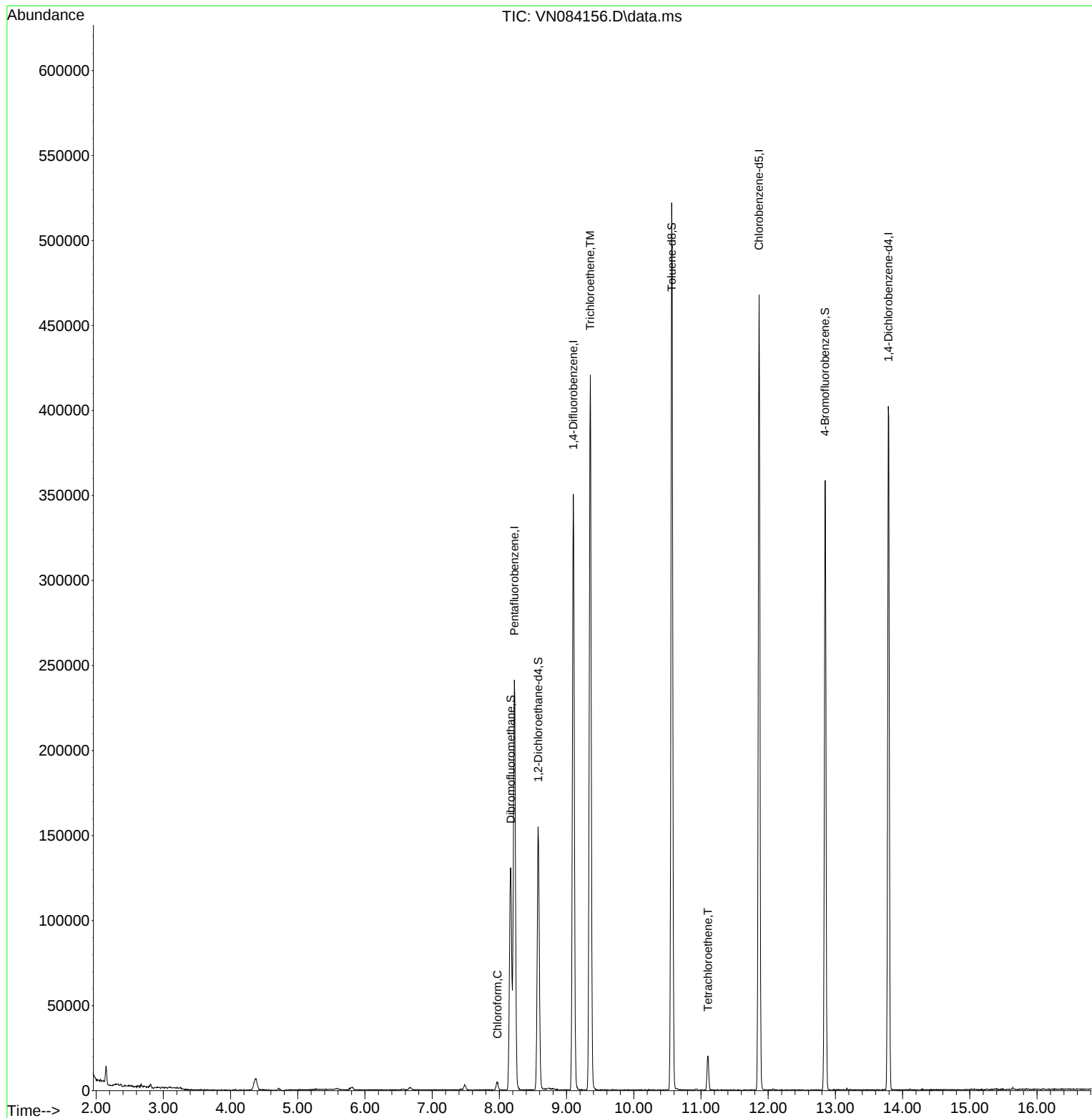
Internal Standards						
1) Pentafluorobenzene	8.224	168	165195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	289317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104581	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125482	50.376	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.760%	
35) Dibromofluoromethane	8.171	113	94635	51.094	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.180%	
50) Toluene-d8	10.565	98	352287	55.019	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 110.040%	
62) 4-Bromofluorobenzene	12.847	95	123678	46.817	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 93.640%	
Target Compounds						
					Qvalue	
30) Chloroform	7.971	83	4758	1.187	ug/l #	74
44) Trichloroethene	9.353	130	146951	75.627	ug/l	99
64) Tetrachloroethene	11.106	164	4573	2.742	ug/l	87

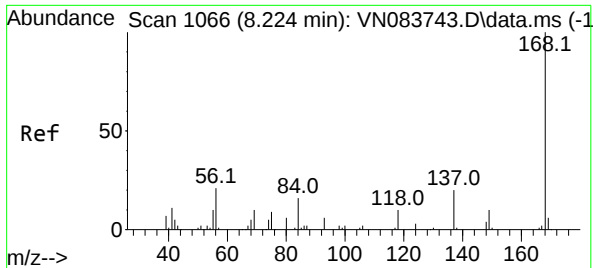
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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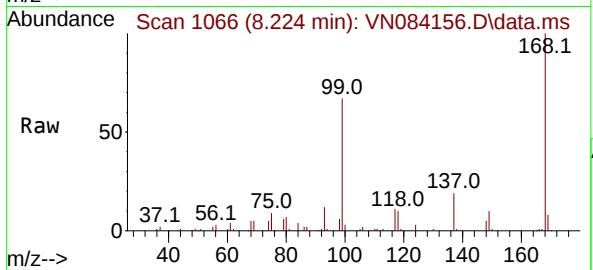
Quant Time: Sep 26 01:33:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



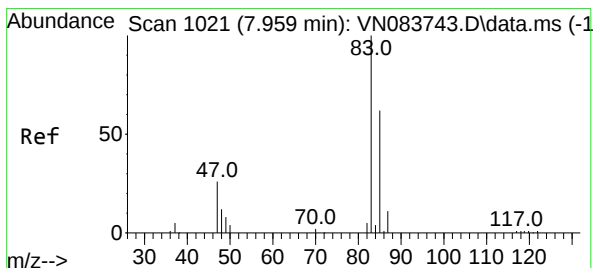
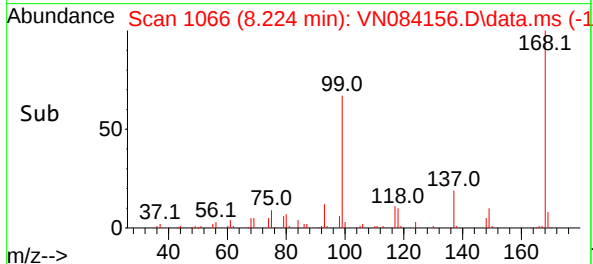
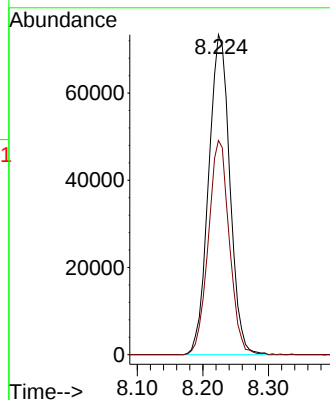


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

Instrument :
MSVOA_N
ClientSampleId :
RE132D1-20240918

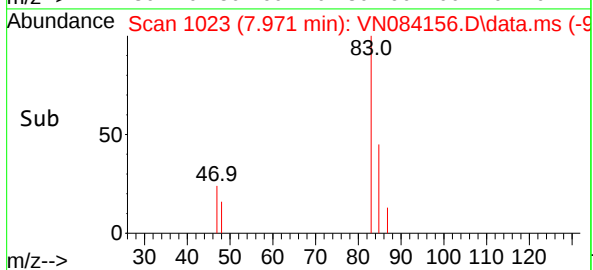
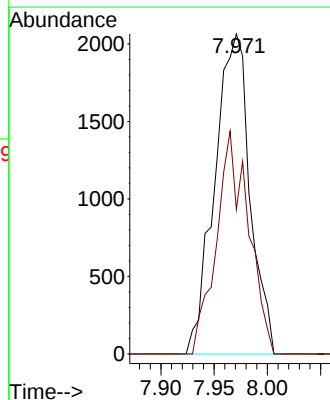
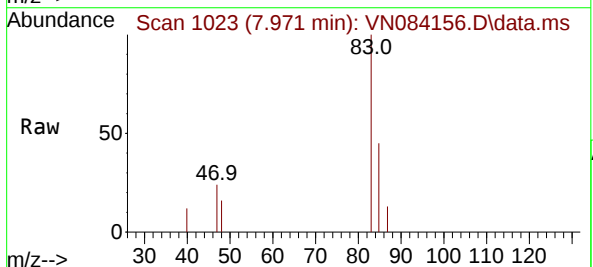


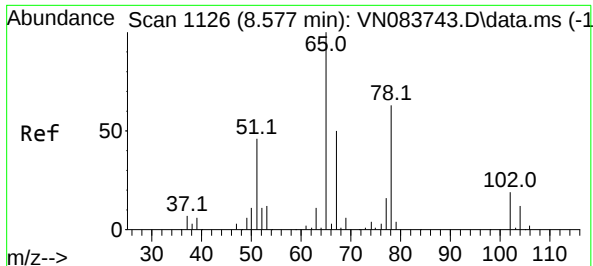
Tgt Ion:168 Resp: 165195
Ion Ratio Lower Upper
168 100
99 67.0 54.2 81.2



#30
Chloroform
Concen: 1.187 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.012 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

Tgt Ion: 83 Resp: 4758
Ion Ratio Lower Upper
83 100
85 45.2 52.8 79.2#





#33

1,2-Dichloroethane-d4

Concen: 50.376 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN084156.D

Acq: 25 Sep 2024 13:47

Instrument :

MSVOA_N

ClientSampleId :

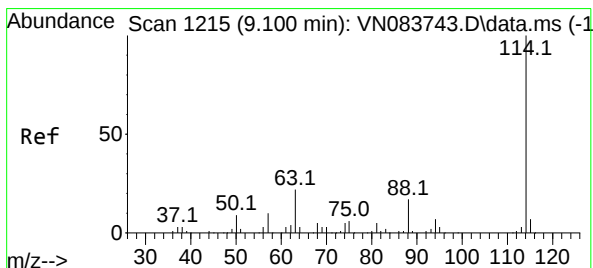
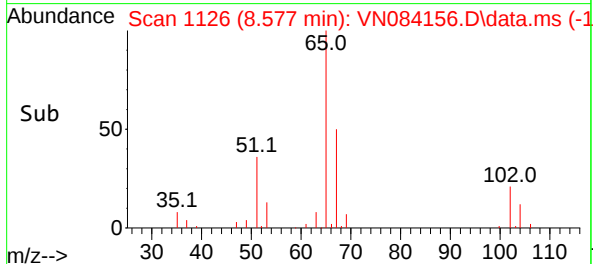
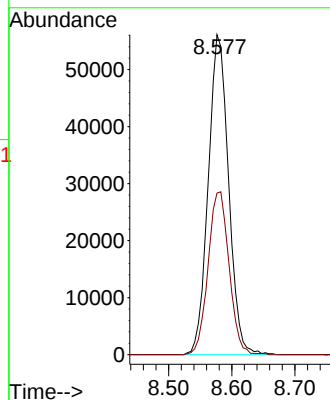
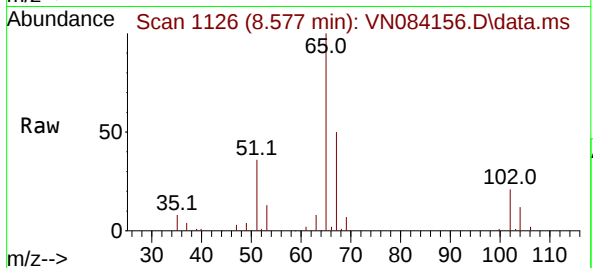
RE132D1-20240918

Tgt Ion: 65 Resp: 125482

Ion Ratio Lower Upper

65 100

67 52.6 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: VN084156.D

Acq: 25 Sep 2024 13:47

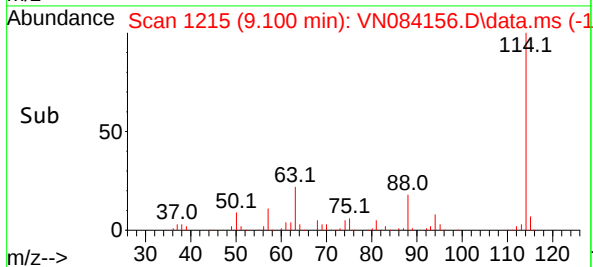
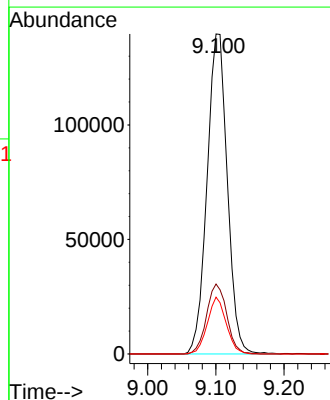
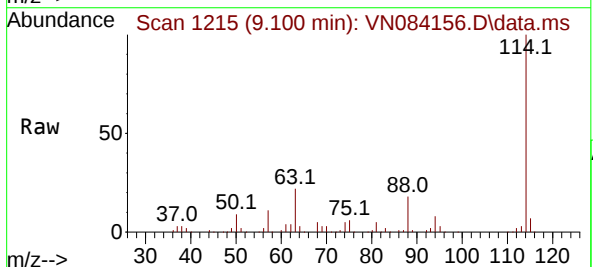
Tgt Ion: 114 Resp: 289317

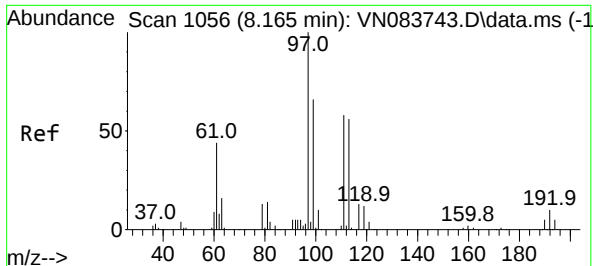
Ion Ratio Lower Upper

114 100

63 21.9 0.0 43.4

88 17.7 0.0 32.6

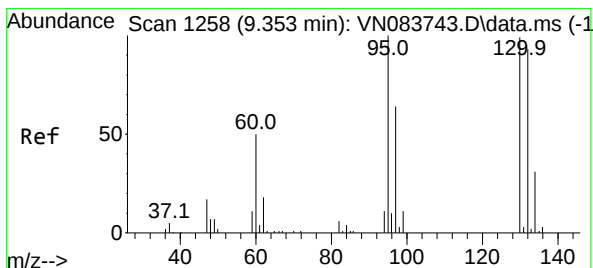
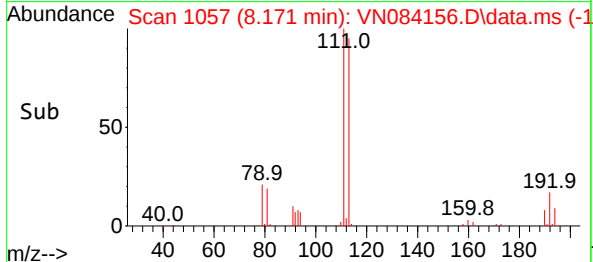
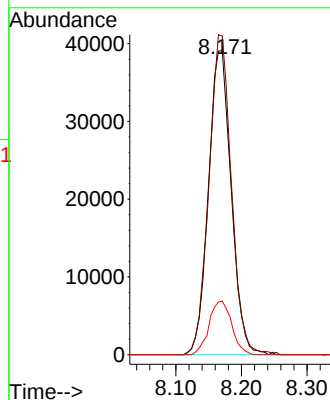
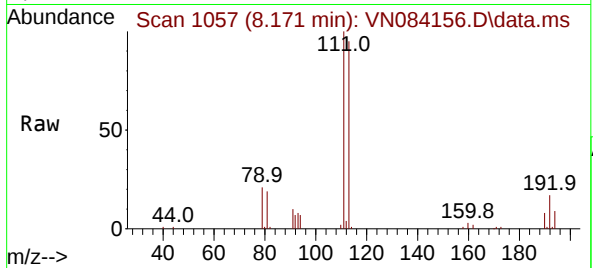




#35
Dibromofluoromethane
Concen: 51.094 ug/l
RT: 8.171 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

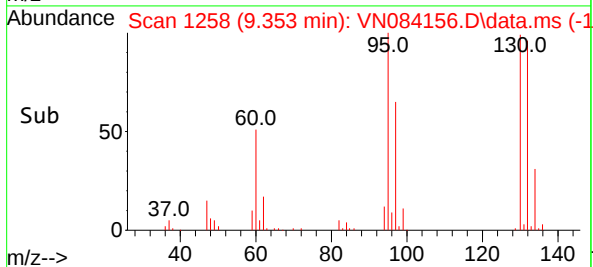
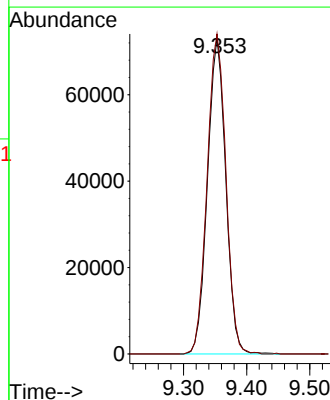
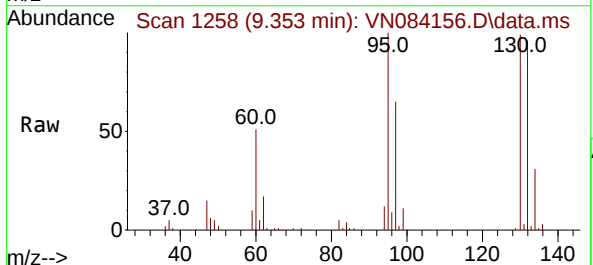
Instrument :
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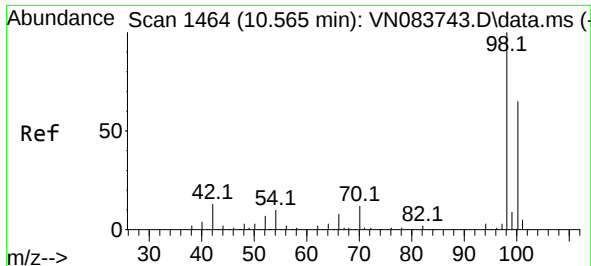
Tgt Ion:113 Resp: 94635
Ion Ratio Lower Upper
113 100
111 103.3 82.6 124.0
192 17.4 14.3 21.5



#44
Trichloroethene
Concen: 75.627 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

Tgt Ion:130 Resp: 146951
Ion Ratio Lower Upper
130 100
95 101.2 0.0 200.4

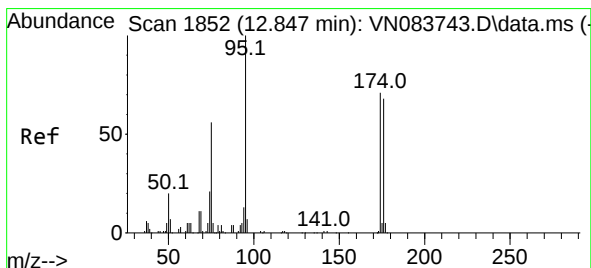
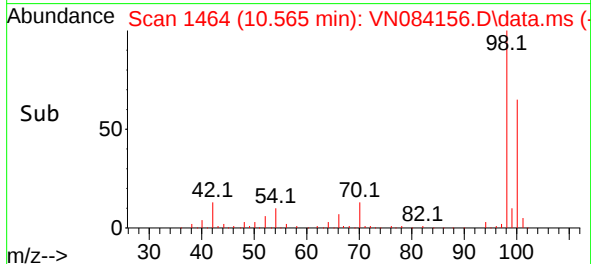
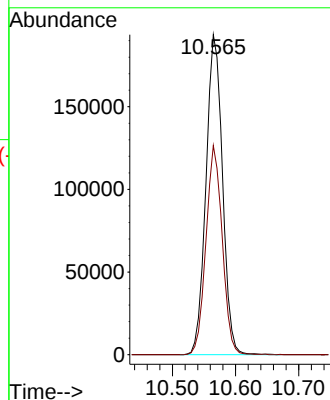
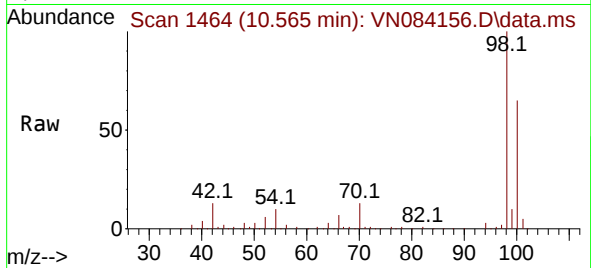




#50
Toluene-d8
Concen: 55.019 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

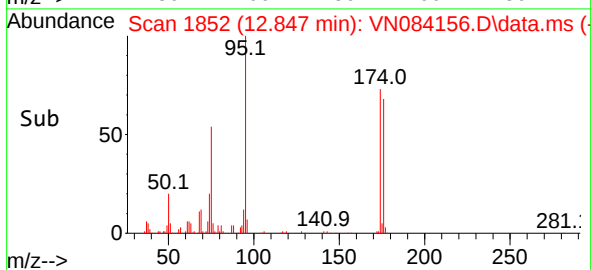
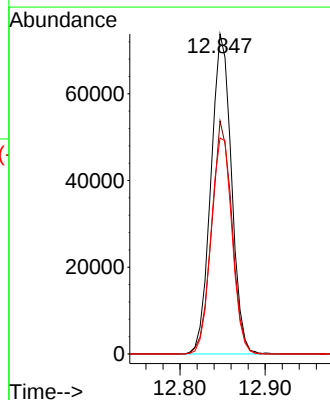
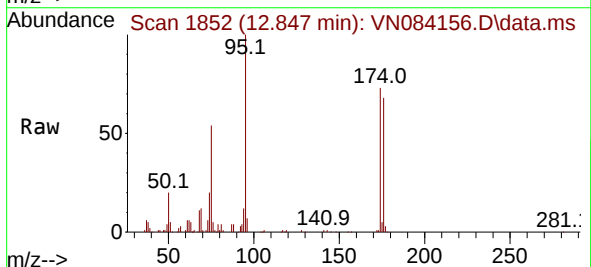
Instrument :
MSVOA_N
ClientSampleId :
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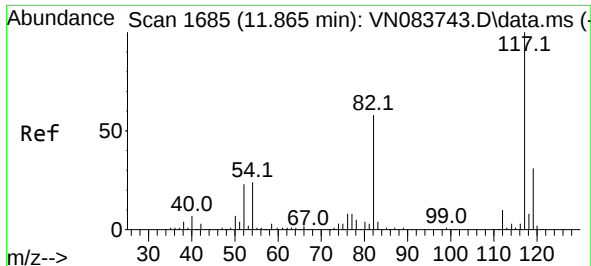
Tgt Ion: 98 Resp: 352287
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.817 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

Tgt Ion: 95 Resp: 123678
Ion Ratio Lower Upper
95 100
174 71.8 0.0 139.8
176 69.3 0.0 131.4

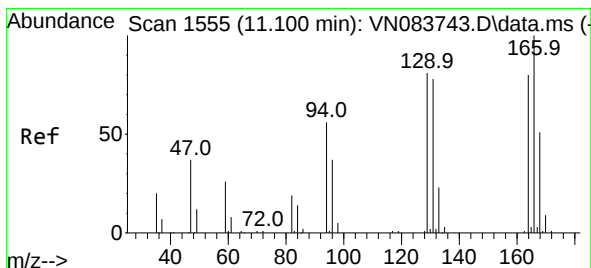
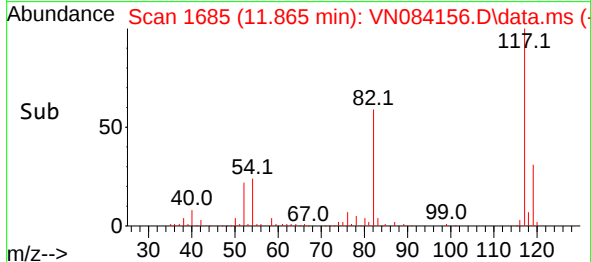
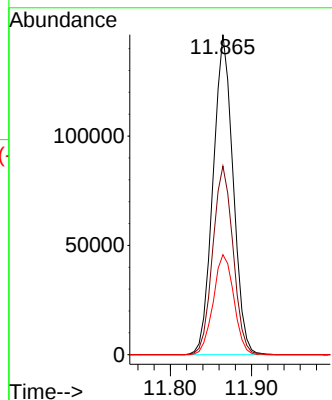
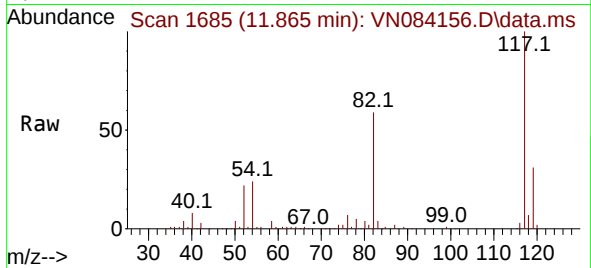




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

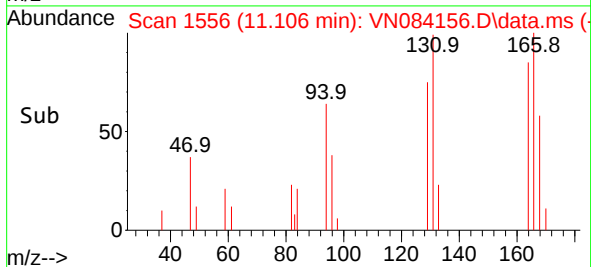
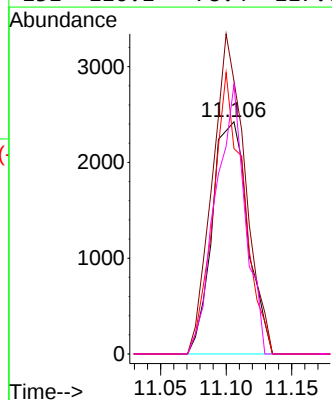
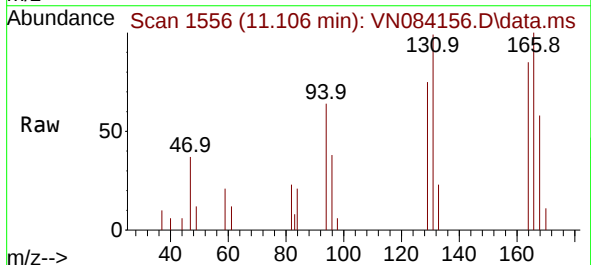
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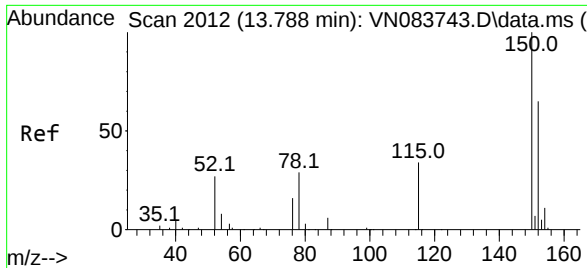
Tgt Ion:117 Resp: 250760
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.0
119 31.2 26.3 39.5



#64
Tetrachloroethene
Concen: 2.742 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.006 min
Lab File: VN084156.D
Acq: 25 Sep 2024 13:47

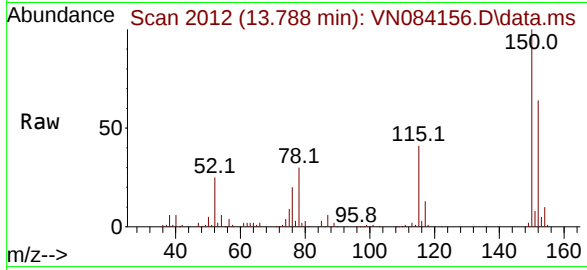
Tgt Ion:164 Resp: 4573
Ion Ratio Lower Upper
164 100
166 117.7 103.7 155.5
129 88.5 79.9 119.9
131 116.1 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084156.D
 Acq: 25 Sep 2024 13:47

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D1-20240918



Tgt Ion:	152	Resp:	104581
Ion	Ratio	Lower	Upper
152	100		
115	64.0	32.2	96.6
150	158.5	0.0	348.6

