

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084053.D
 Acq On : 19 Sep 2024 22:54
 Operator : JC\MD
 Sample : P4003-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20240913

Quant Time: Sep 20 01:40:01 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)

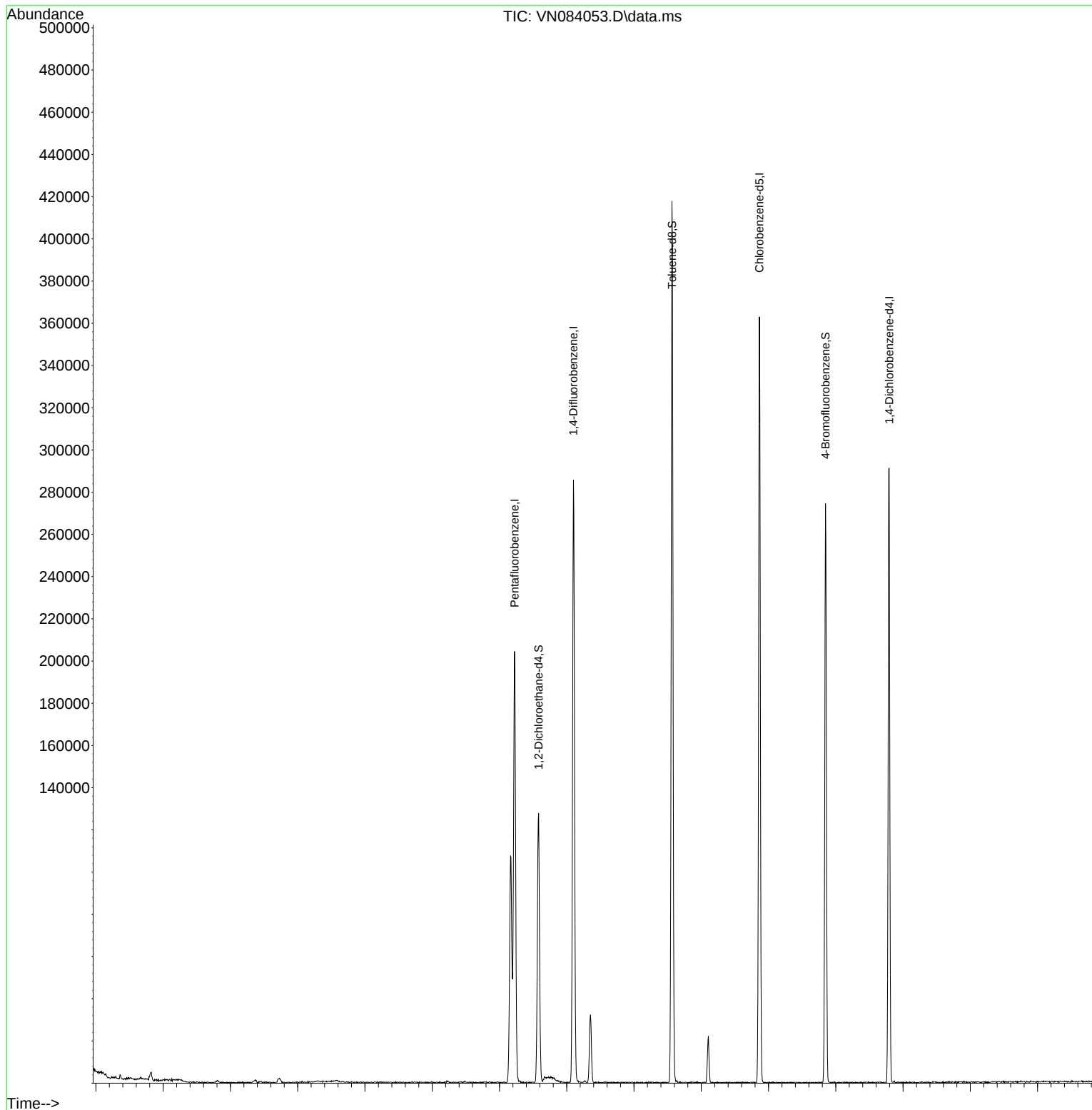
Internal Standards						
1) Pentafluorobenzene	8.224	168	135934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	231160	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	191826	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	73299	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	109085	53.220	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	106.440%	
35) Dibromofluoromethane	8.165	113	76279	51.545	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	103.080%	
50) Toluene-d8	10.565	98	276320	54.012	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.020%	
62) 4-Bromofluorobenzene	12.847	95	93510	44.303	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	88.600%	
Target Compounds						
44) Trichloroethene	9.353	130	11359	7.317	ug/l	Qvalue 94
64) Tetrachloroethene	11.106	164	4291	3.364	ug/l #	87

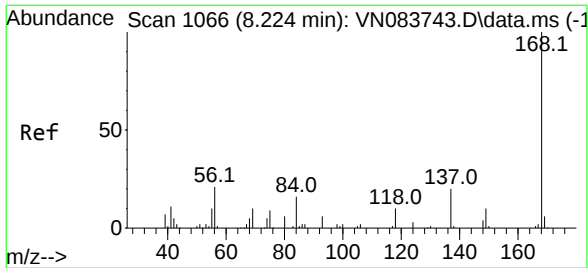
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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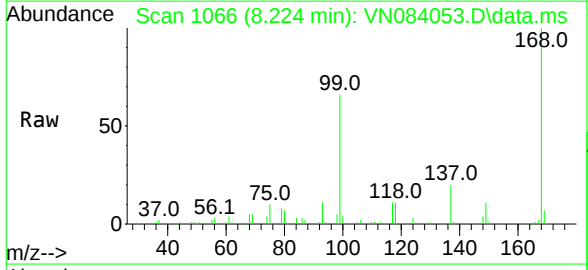
Quant Time: Sep 20 01:40:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



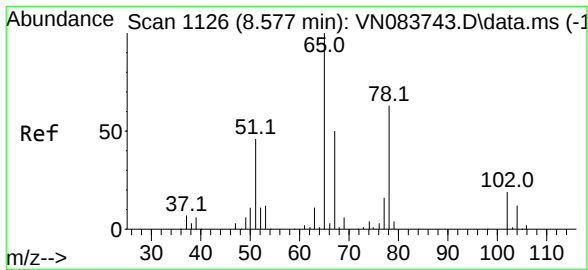
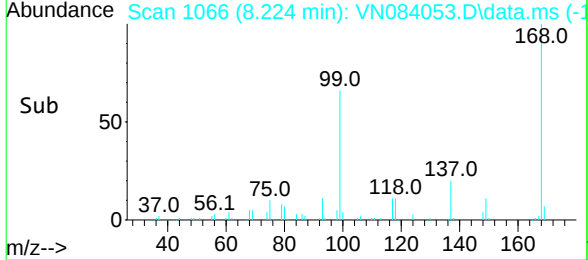
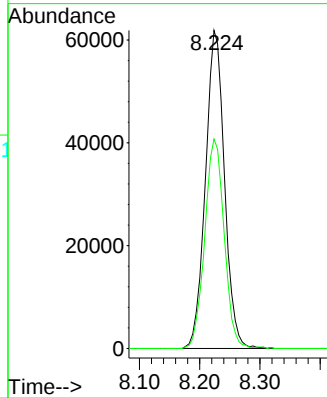


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
MSVOA_N
ClientSampleId :
RE126D3-20240913

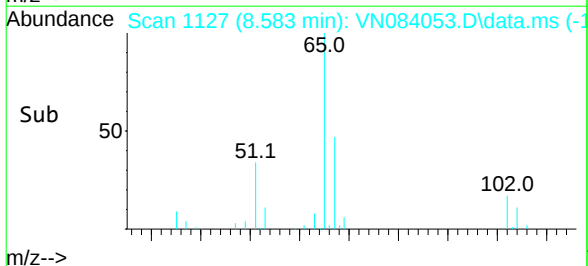
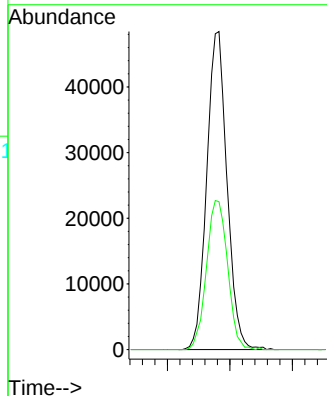
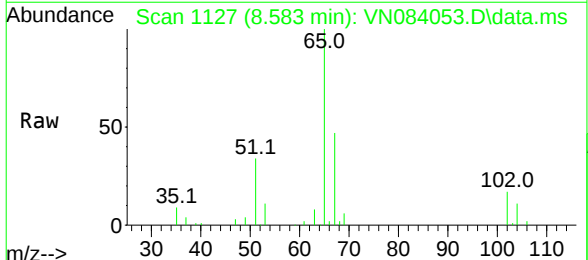


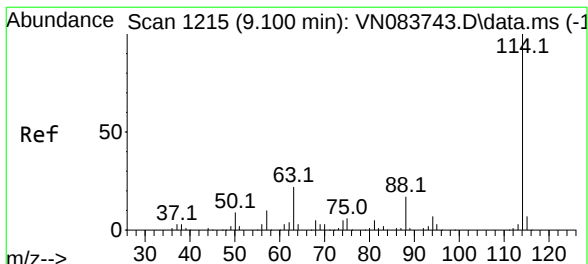
Tgt Ion:168 Resp: 135934
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 53.220 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 65 Resp: 109085
Ion Ratio Lower Upper
65 100
67 48.8 0.0 100.8

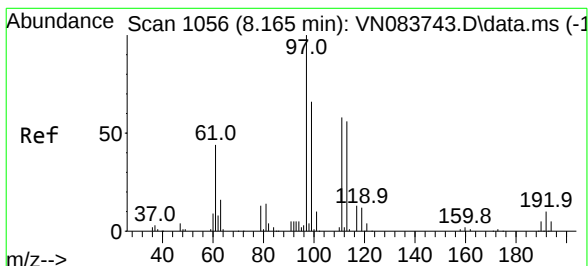
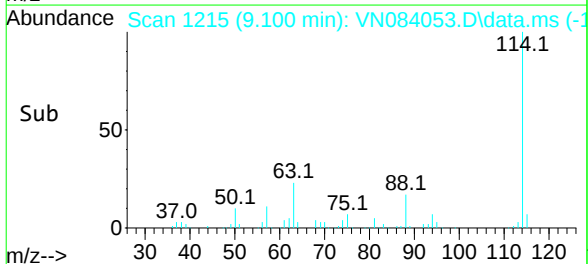
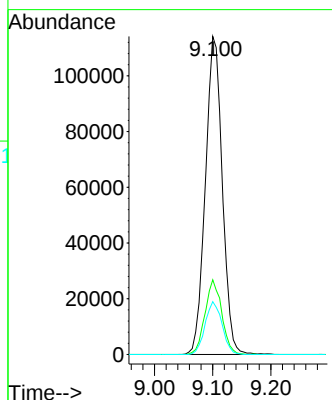
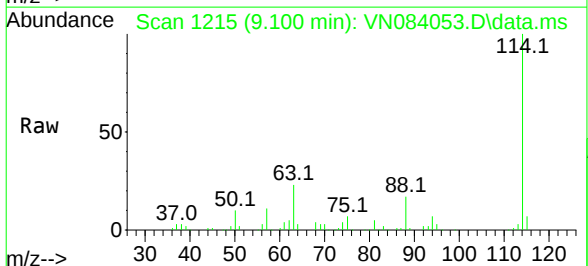




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

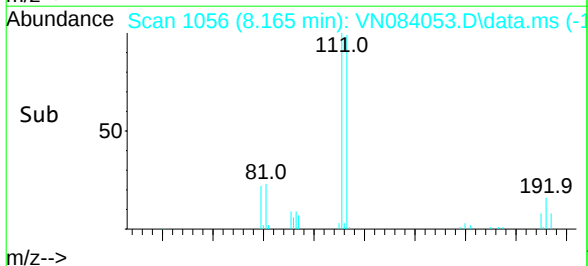
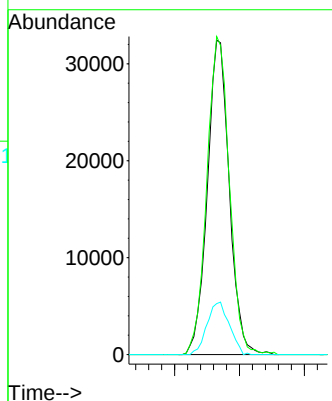
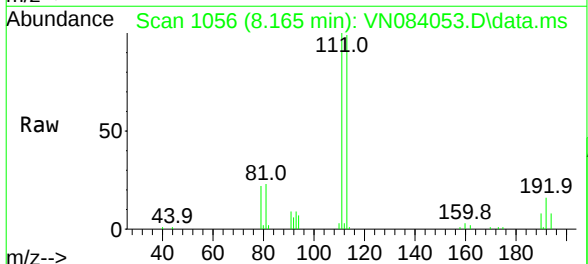
Instrument :
 MSVOA_N
 ClientSampleId :
 RE126D3-20240913

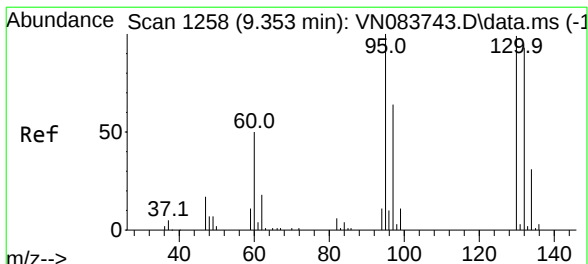
Tgt Ion:	114	Resp:	231160
Ion	Ratio	Lower	Upper
114	100		
63	23.5	0.0	43.4
88	16.6	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 51.545 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

Tgt Ion:	113	Resp:	76279
Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	124.0
192	17.0	14.3	21.5

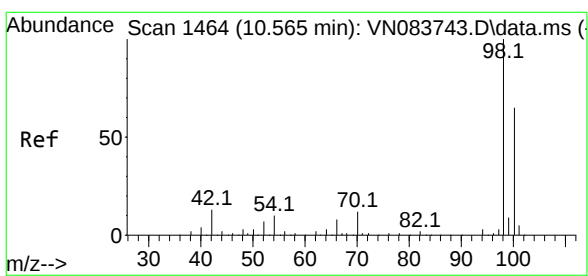
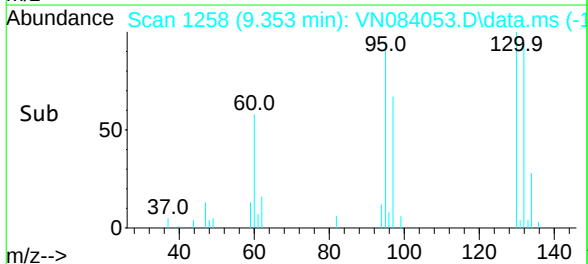
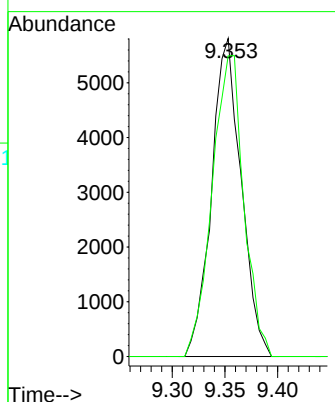
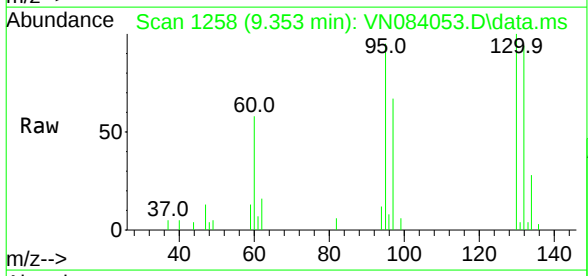




#44
 Trichloroethene
 Concen: 7.317 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

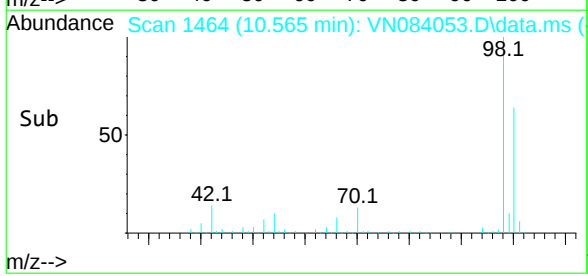
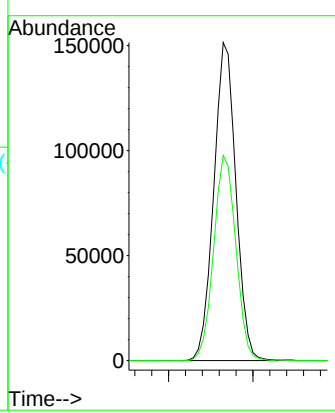
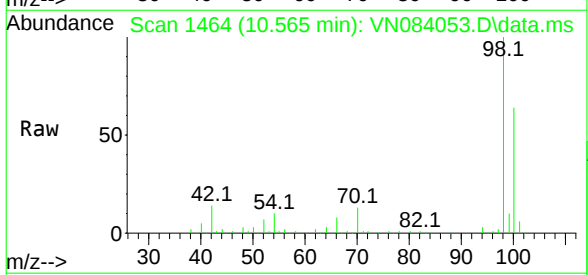
Instrument :
 MSVOA_N
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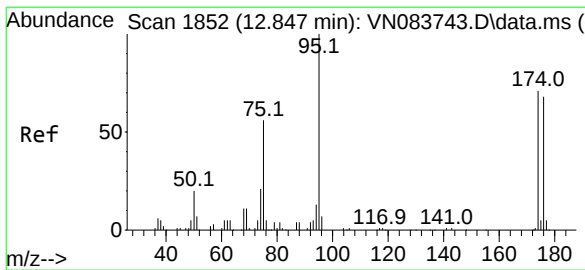
Tgt Ion:130 Resp: 11359
 Ion Ratio Lower Upper
 130 100
 95 94.5 0.0 200.4



#50
 Toluene-d8
 Concen: 54.012 ug/l
 RT: 10.565 min Scan# 1464
 Delta R.T. -0.000 min
 Lab File: VN084053.D
 Acq: 19 Sep 2024 22:54

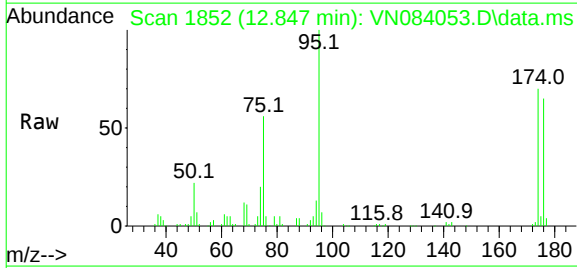
Tgt Ion: 98 Resp: 276320
 Ion Ratio Lower Upper
 98 100
 100 64.6 52.0 78.0



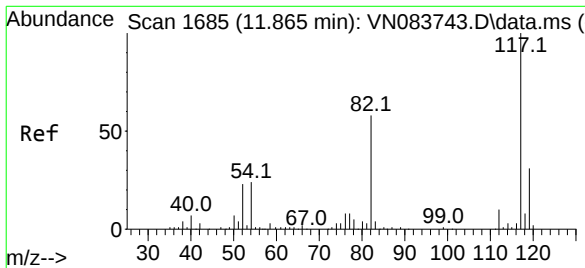
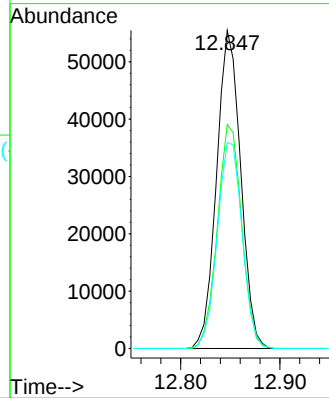
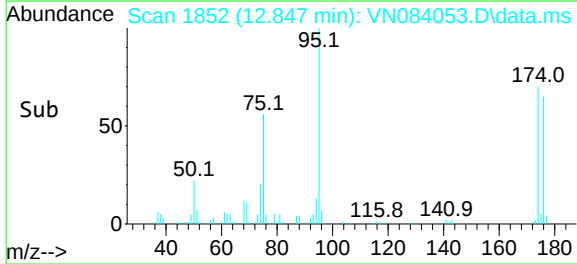


#62
4-Bromofluorobenzene
Concen: 44.303 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Instrument :
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ClientSampleId :
RE126D3-20240913

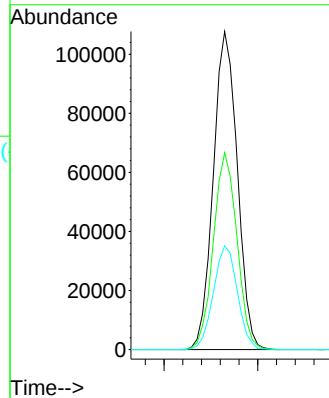
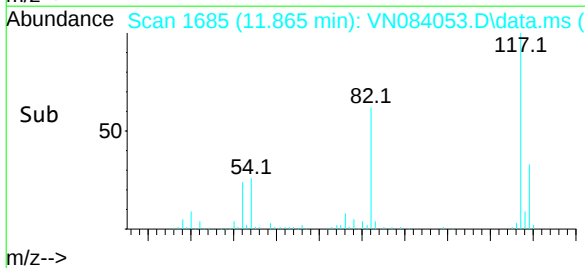
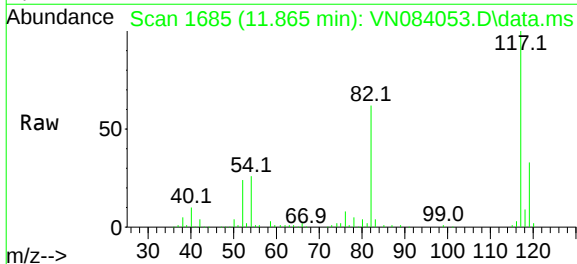


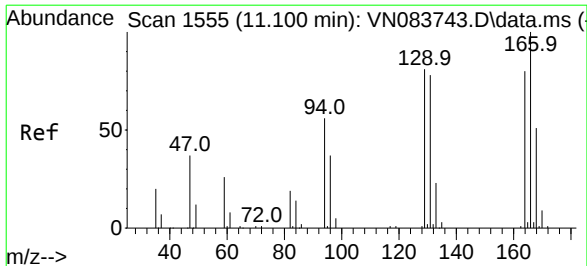
Tgt Ion: 95 Resp: 93510
Ion Ratio Lower Upper
95 100
174 71.2 0.0 139.8
176 67.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084053.D
Acq: 19 Sep 2024 22:54

Tgt Ion: 117 Resp: 191826
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.0
119 32.6 26.3 39.5





#64

Tetrachloroethene

Concen: 3.364 ug/l

RT: 11.106 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN084053.D

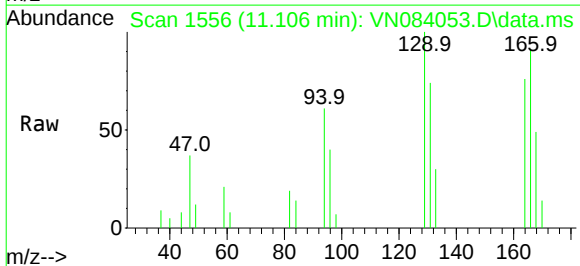
Acq: 19 Sep 2024 22:54

Instrument :

MSVOA_N

ClientSampleId :

RE126D3-20240913



Tgt Ion:164 Resp: 4291

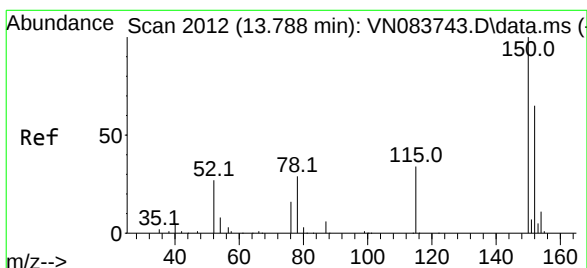
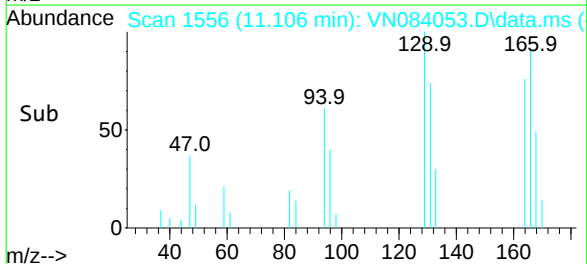
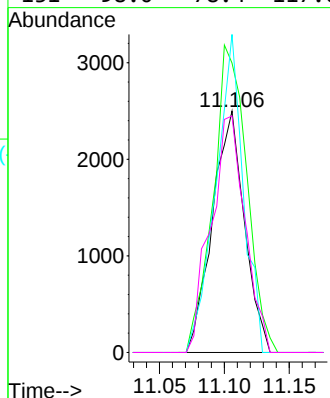
Ion Ratio Lower Upper

164 100

166 119.9 103.7 155.5

129 131.8 79.9 119.9#

131 98.0 78.4 117.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084053.D

Acq: 19 Sep 2024 22:54

Tgt Ion:152 Resp: 73299

Ion Ratio Lower Upper

152 100

115 65.1 32.2 96.6

150 157.4 0.0 348.6

