

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084227.D
 Acq On : 30 Sep 2024 19:18
 Operator : JC\MD
 Sample : P4116-26
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20240918

Quant Time: Oct 01 07:16:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

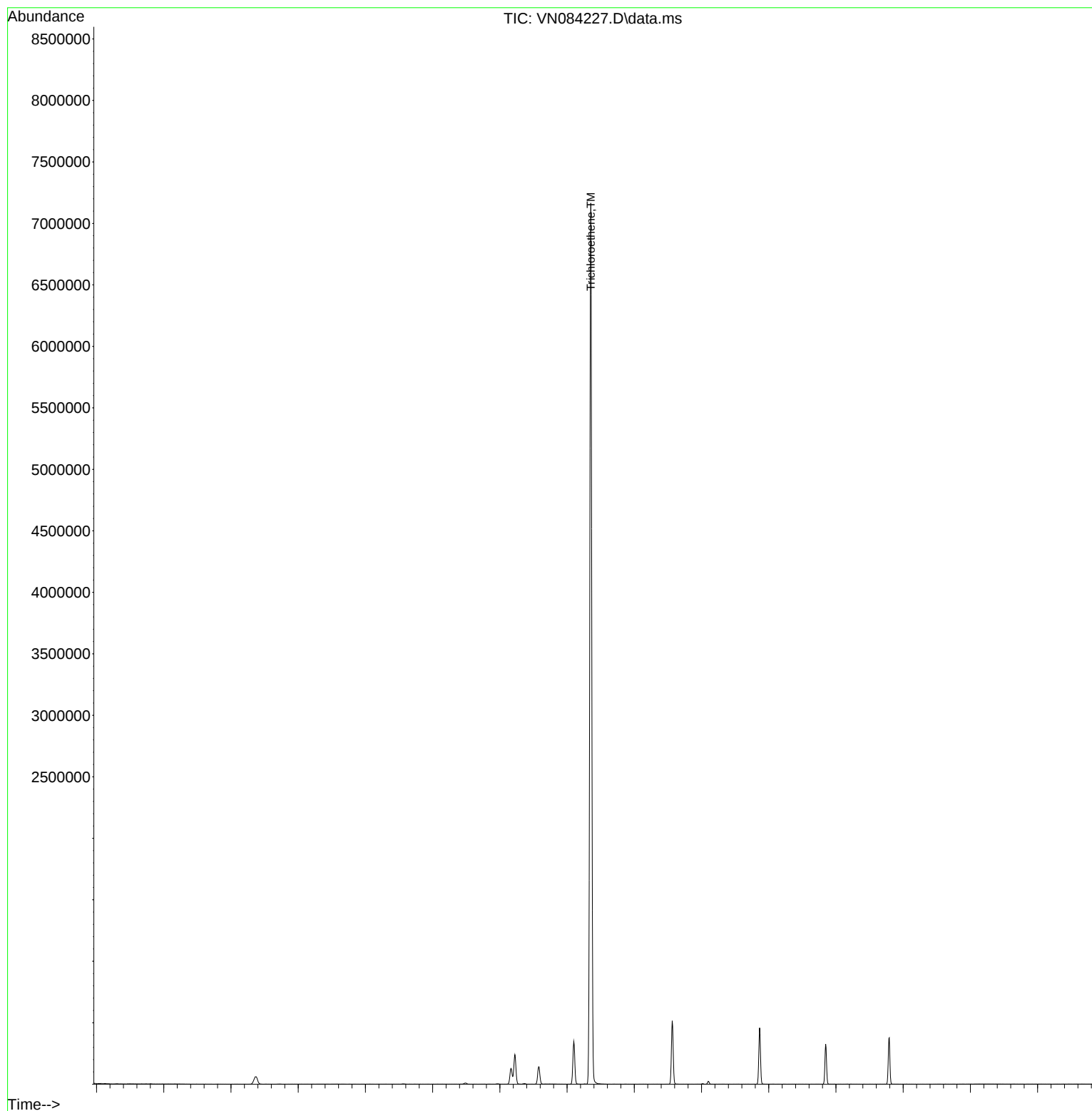
Internal Standards						
1) Pentafluorobenzene	8.224	168	166789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292665	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	250180	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	99764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122564	49.562	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.120%		
35) Dibromofluoromethane	8.171	113	93661	48.543	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	10.565	98	355912	50.138	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.280%		
62) 4-Bromofluorobenzene	12.847	95	114857	44.414	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	88.820%		
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.371	101	39960	20.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	10973	5.843	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	6254	2.631	ug/l	87
30) Chloroform	7.977	83	3772	0.963	ug/l	95
38) Carbon Tetrachloride	8.359	117	4070	1.324	ug/l	97
44) Trichloroethene	9.353	130	2489577	1220.736	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	1591	0.833	ug/l	94
64) Tetrachloroethene	11.100	164	4963	2.848	ug/l	87

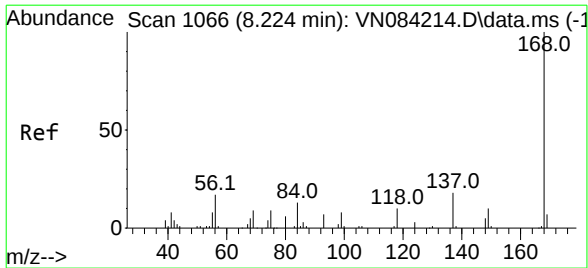
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE132D7-20240918

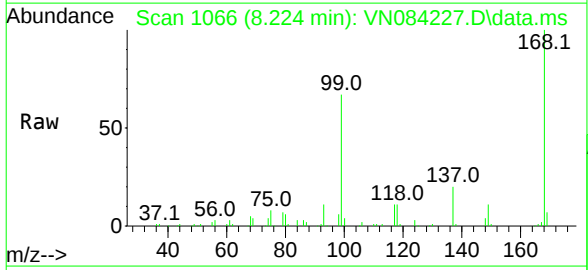
Quant Time: Oct 01 07:16:16 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



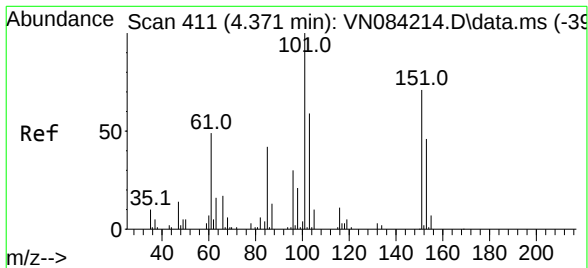
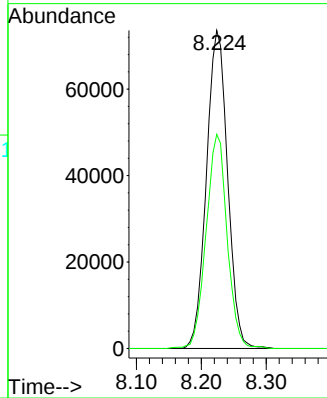
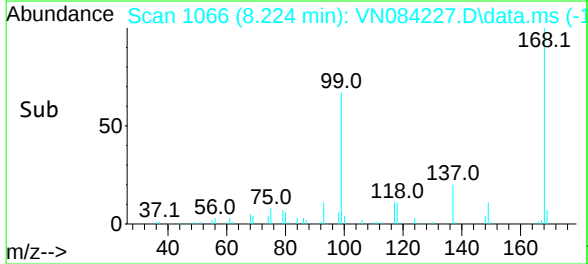


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918

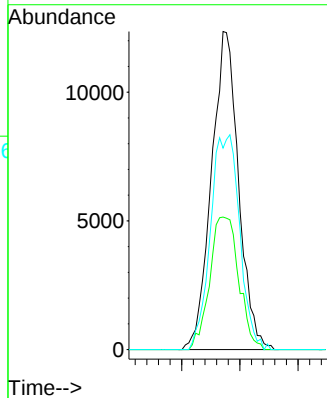
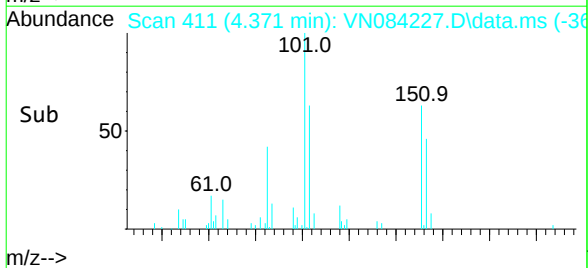
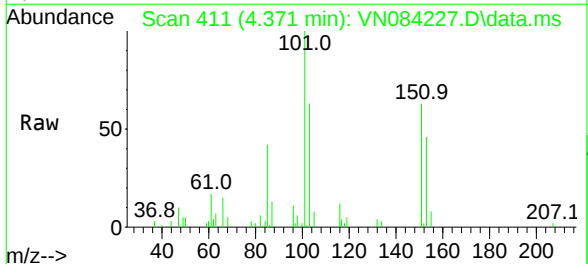


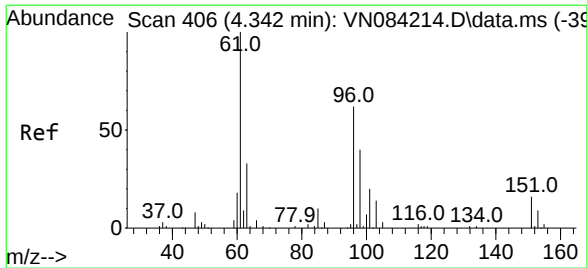
Tgt Ion:168 Resp: 166789
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.525 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

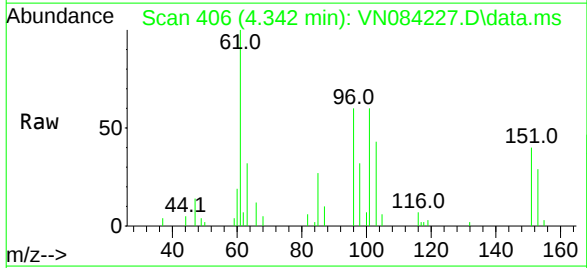
Tgt Ion:101 Resp: 39960
Ion Ratio Lower Upper
101 100
85 44.7 36.2 54.4
151 72.8 59.3 88.9



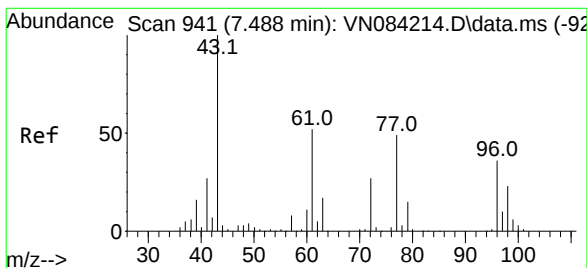
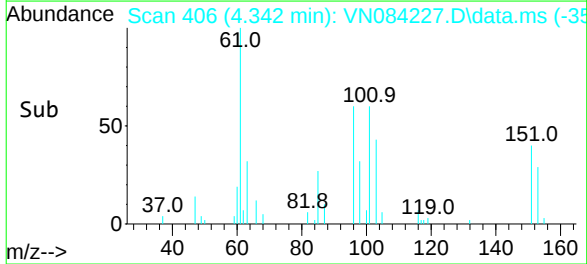
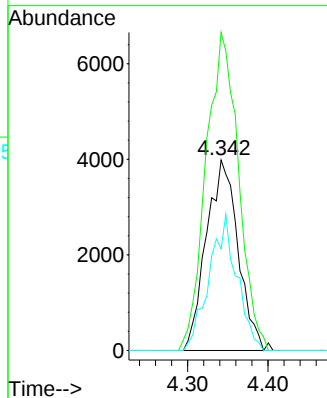


#12
1,1-Dichloroethene
Concen: 5.843 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918

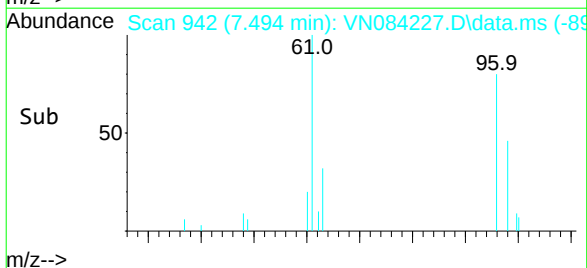
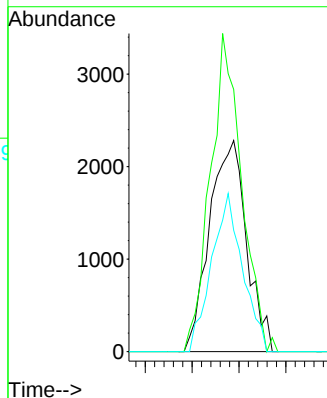
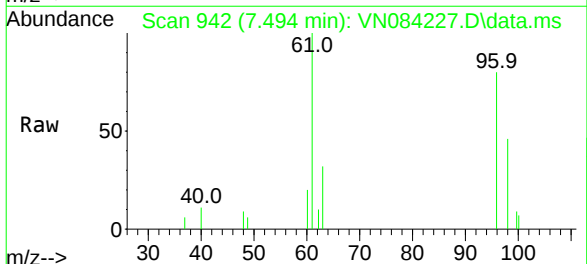


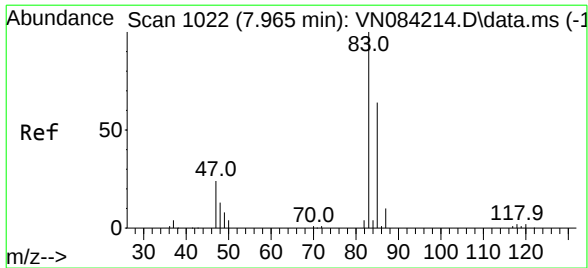
Tgt Ion:	96	Resp:	10973
Ion	Ratio	Lower	Upper
96	100		
61	167.0	128.6	192.8
98	53.4	51.7	77.5



#27
cis-1,2-Dichloroethene
Concen: 2.631 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

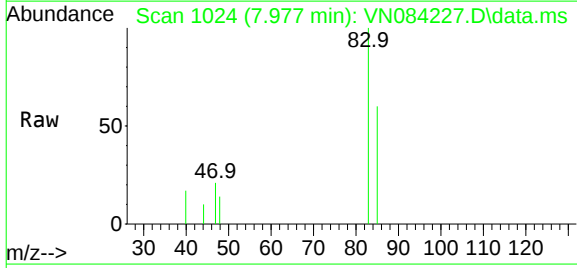
Tgt Ion:	96	Resp:	6254
Ion	Ratio	Lower	Upper
96	100		
61	127.6	0.0	301.8
98	62.5	0.0	128.2





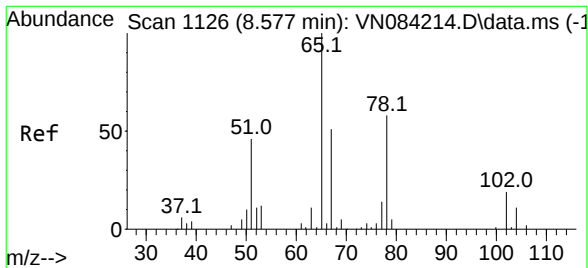
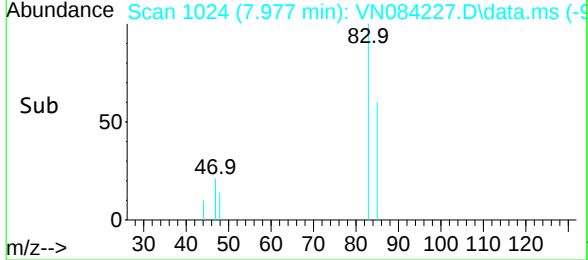
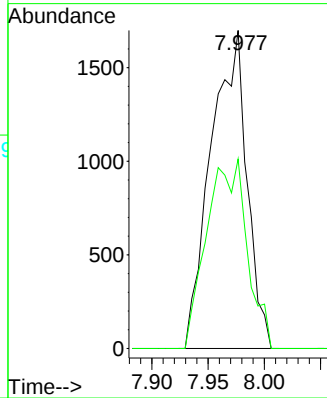
#30
 Chloroform
 Concen: 0.963 ug/l
 RT: 7.977 min Scan# 1024
 Delta R.T. 0.012 min
 Lab File: VN084227.D
 Acq: 30 Sep 2024 19:18

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D7-20240918



Tgt Ion: 83 Resp: 3772

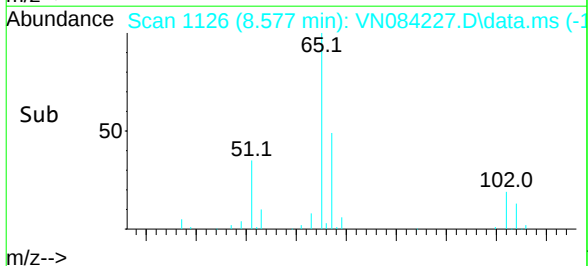
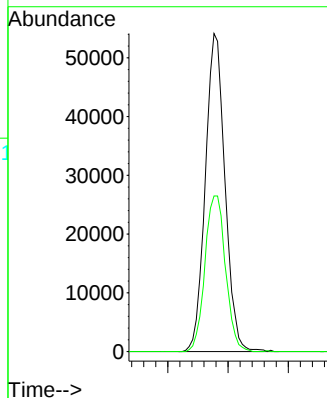
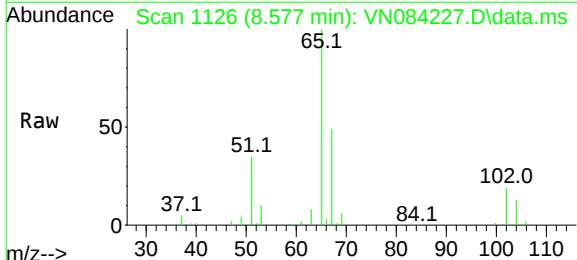
Ion	Ratio	Lower	Upper
83	100		
85	59.6	51.0	76.4

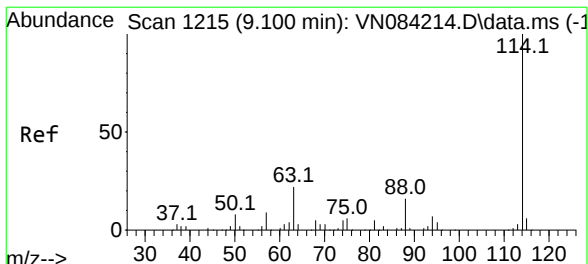


#33
 1,2-Dichloroethane-d4
 Concen: 49.562 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084227.D
 Acq: 30 Sep 2024 19:18

Tgt Ion: 65 Resp: 122564

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	102.0

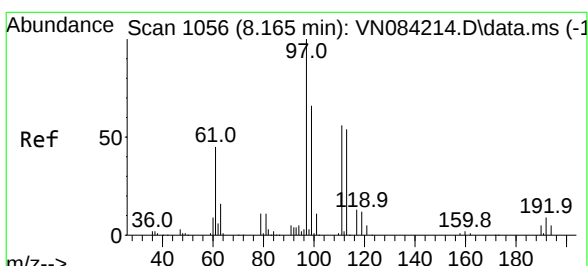
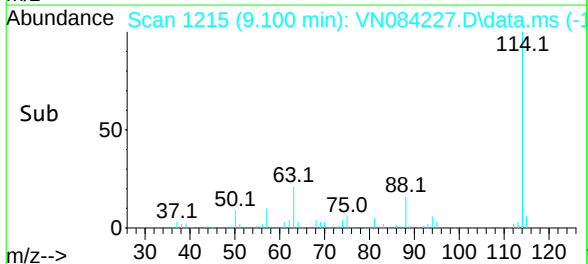
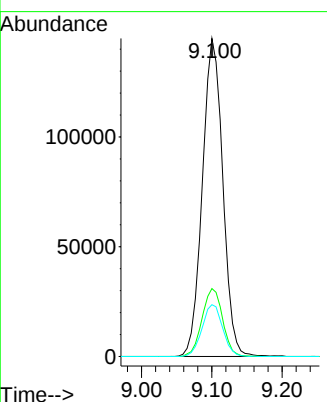
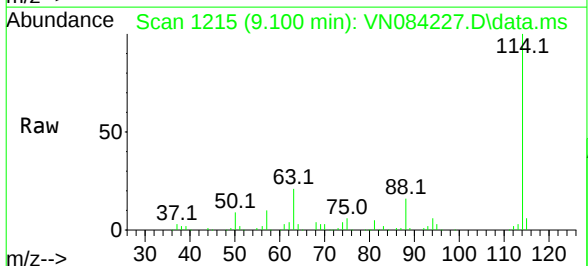




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 12
Delta R.T. 0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

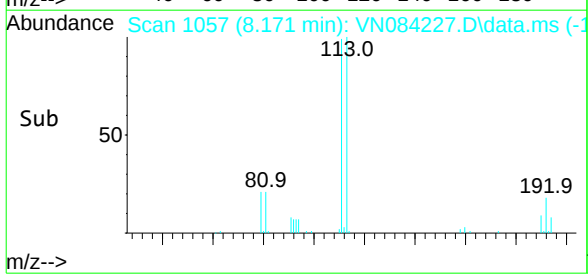
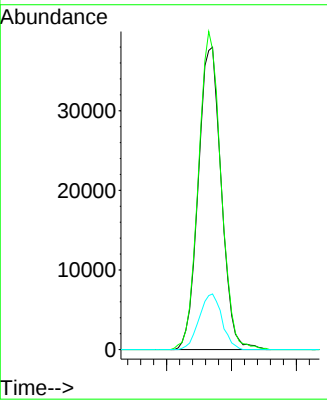
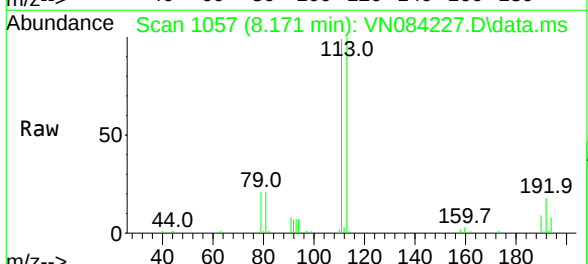
Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918

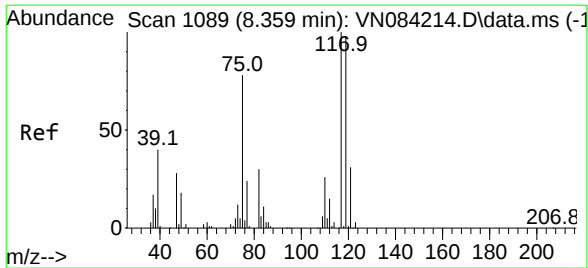
Tgt Ion:	114	Resp:	292665
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	43.8
88	16.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 48.543 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

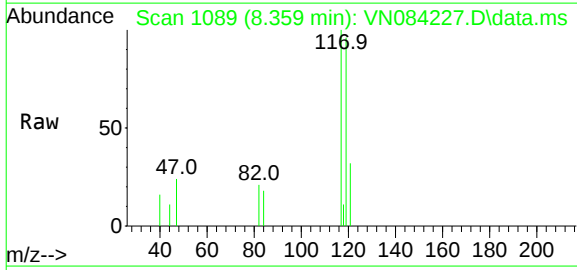
Tgt Ion:	113	Resp:	93661
Ion Ratio	Lower	Upper	
113	100		
111	102.8	83.3	124.9
192	18.1	13.5	20.3



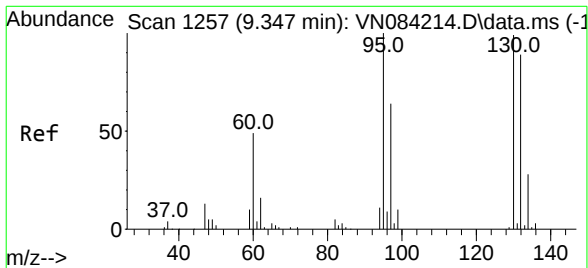
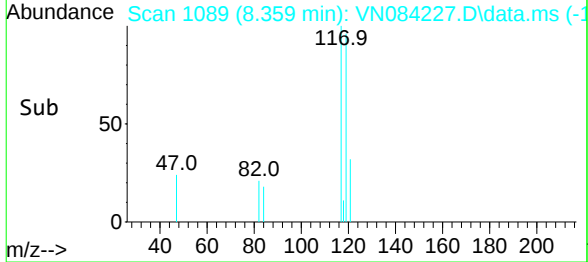
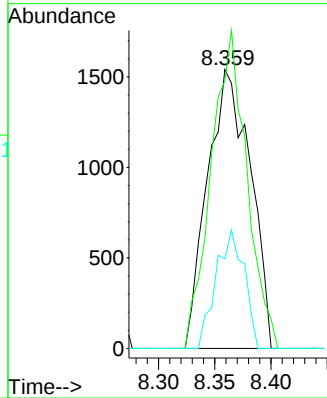


#38
Carbon Tetrachloride
Concen: 1.324 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918

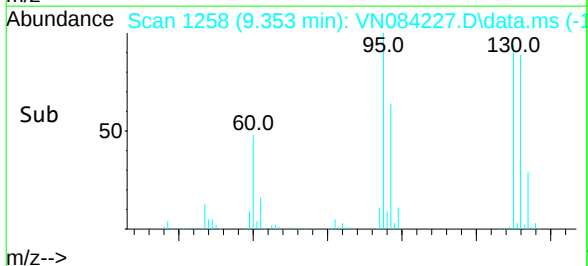
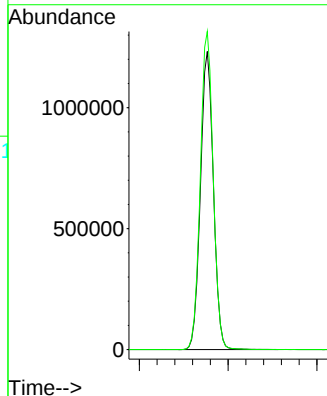
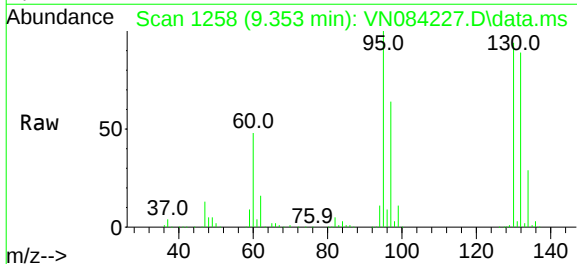


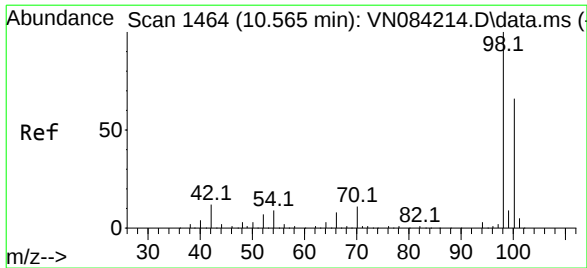
Tgt Ion:117 Resp: 4070
Ion Ratio Lower Upper
117 100
119 96.0 78.7 118.1
121 32.1 24.4 36.6



#44
Trichloroethene
Concen: 1220.736 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

Tgt Ion:130 Resp: 2489577
Ion Ratio Lower Upper
130 100
95 106.7 0.0 203.0





#50

Toluene-d8

Concen: 50.138 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084227.D

Acq: 30 Sep 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

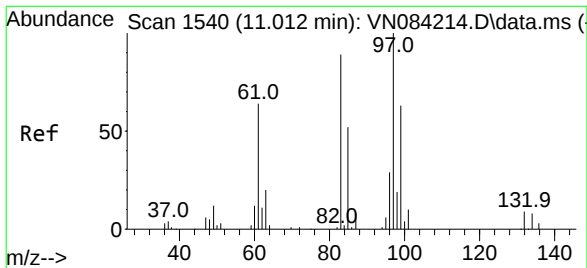
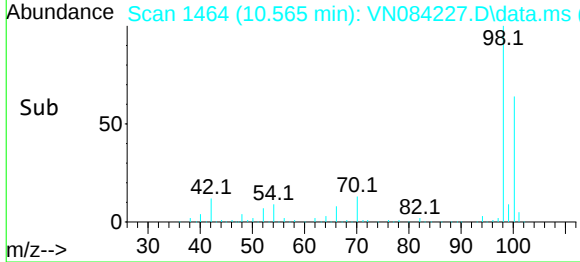
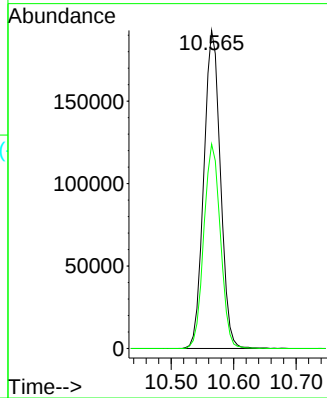
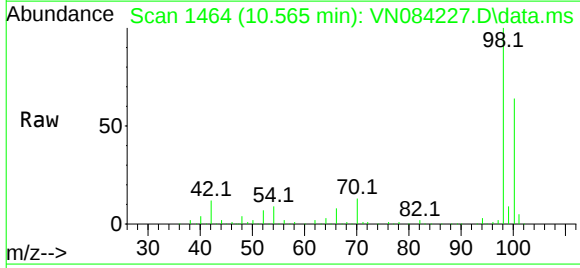
RE132D7-20240918

Tgt Ion: 98 Resp: 355912

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1



#55

1,1,2-Trichloroethane

Concen: 0.833 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN084227.D

Acq: 30 Sep 2024 19:18

Tgt Ion: 97 Resp: 1591

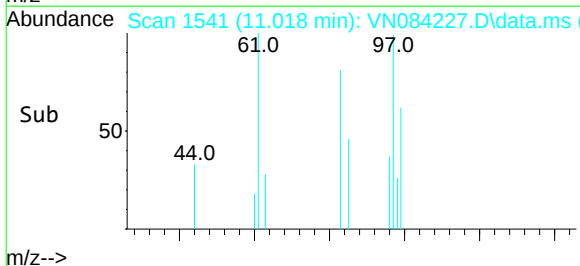
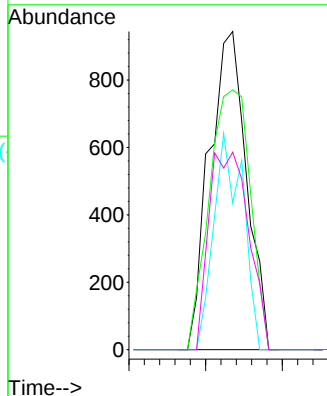
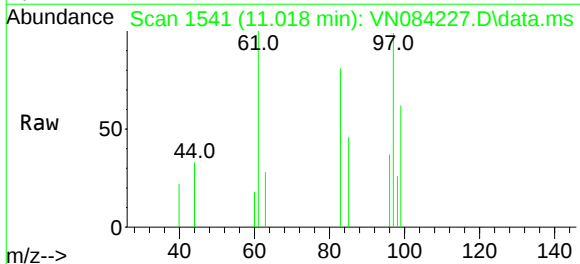
Ion Ratio Lower Upper

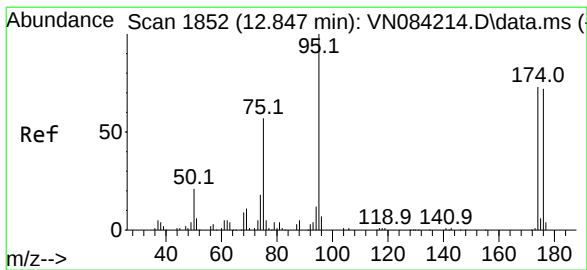
97 100

83 81.7 71.0 106.4

85 46.1 41.7 62.5

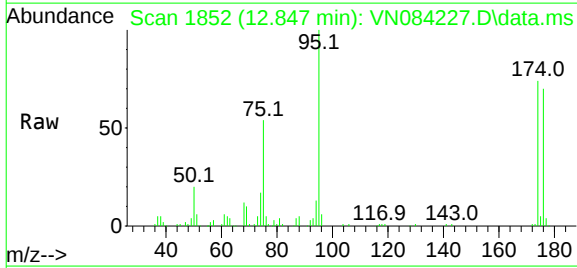
99 62.1 50.1 75.1



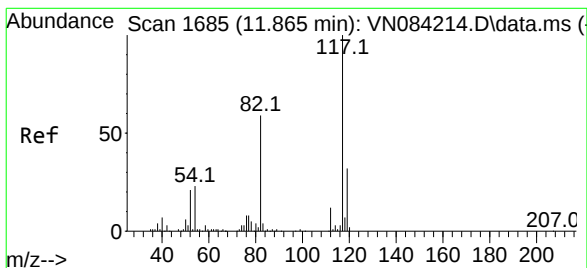
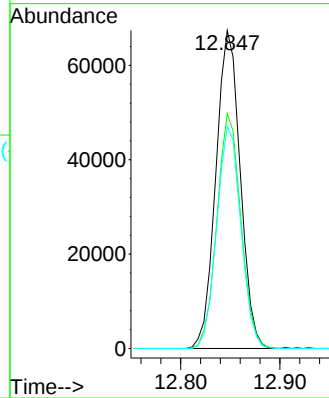
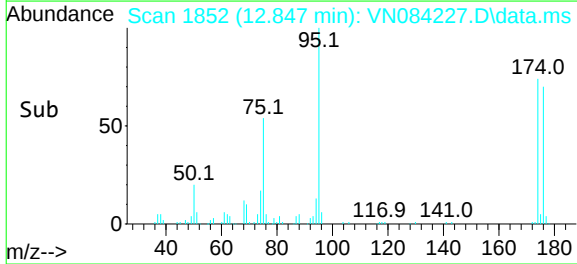


#62
4-Bromofluorobenzene
Concen: 44.414 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18

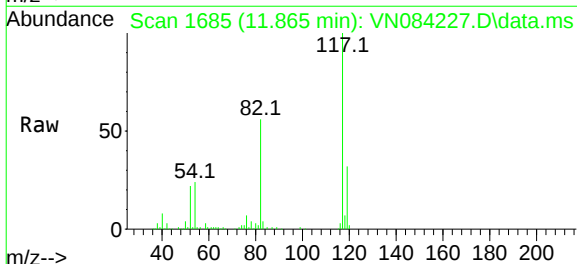
Instrument :
MSVOA_N
ClientSampleId :
RE132D7-20240918



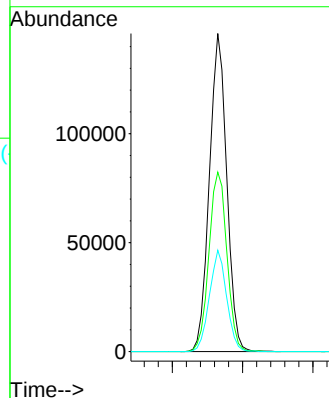
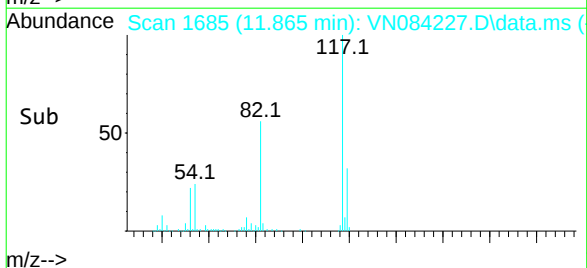
Tgt Ion: 95 Resp: 114857
Ion Ratio Lower Upper
95 100
174 72.9 0.0 145.2
176 69.1 0.0 140.0

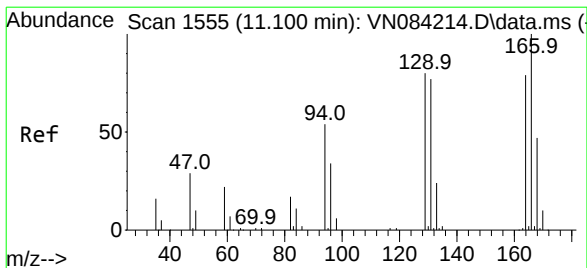


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084227.D
Acq: 30 Sep 2024 19:18



Tgt Ion: 117 Resp: 250180
Ion Ratio Lower Upper
117 100
82 56.4 47.2 70.8
119 31.9 25.4 38.0





#64

Tetrachloroethene

Concen: 2.848 ug/l

RT: 11.100 min Scan# 15

Delta R.T. -0.000 min

Lab File: VN084227.D

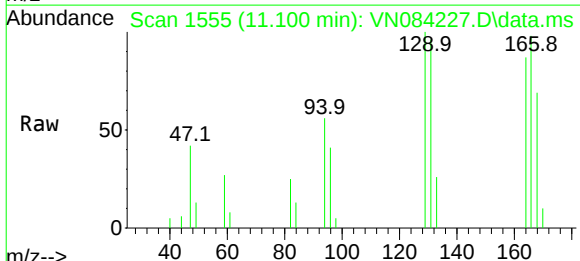
Acq: 30 Sep 2024 19:18

Instrument :

MSVOA_N

ClientSampleId :

RE132D7-20240918



Tgt Ion:164 Resp: 4963

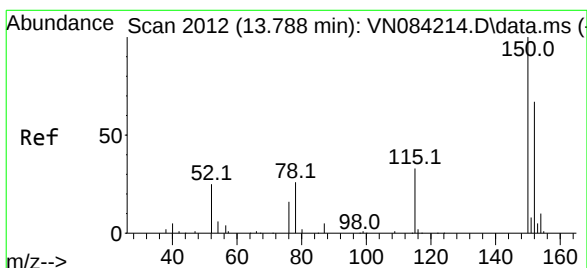
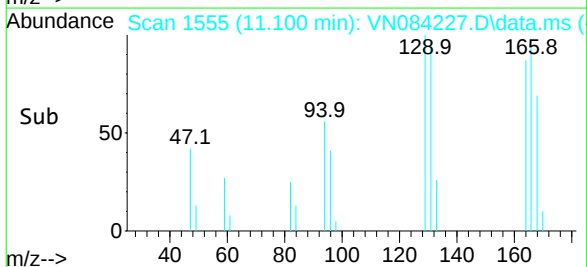
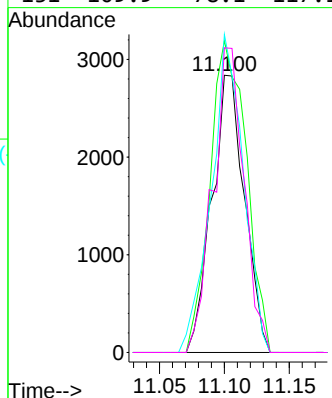
Ion Ratio Lower Upper

164 100

166 112.4 101.0 151.4

129 114.7 80.8 121.2

131 109.9 78.1 117.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN084227.D

Acq: 30 Sep 2024 19:18

Tgt Ion:152 Resp: 99764

Ion Ratio Lower Upper

152 100

115 63.9 31.3 93.9

150 160.0 0.0 349.8

