

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084042.D
 Acq On : 19 Sep 2024 18:28
 Operator : JC\MD
 Sample : P4003-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20240912

Quant Time: Sep 20 01:35:17 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)

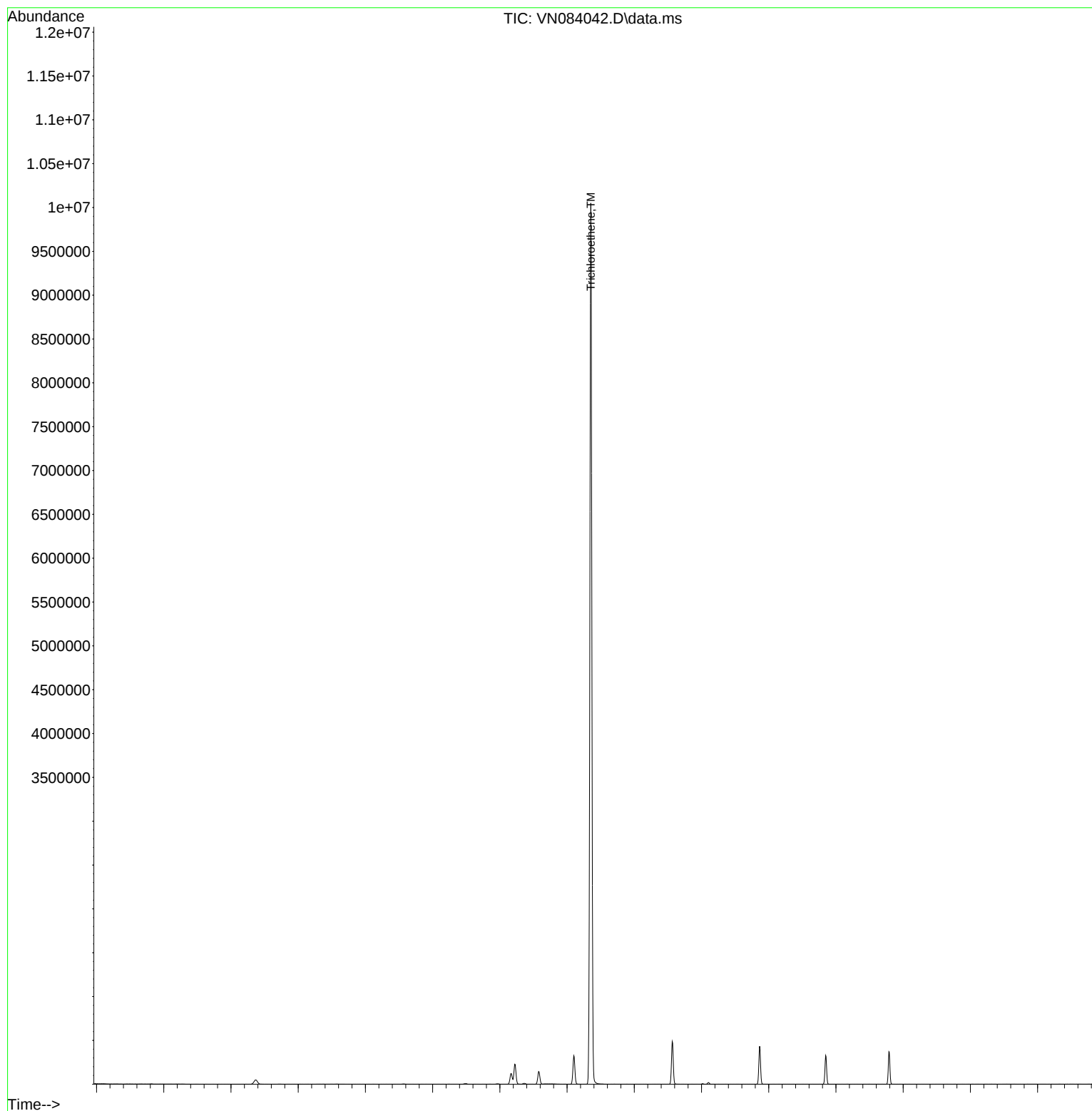
Internal Standards						
1) Pentafluorobenzene	8.224	168	152651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266980	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	227483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	92485	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122326	53.145	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.280%			
35) Dibromofluoromethane	8.165	113	85424	49.980	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.960%			
50) Toluene-d8	10.565	98	325275	55.050	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.100%			
62) 4-Bromofluorobenzene	12.847	95	112880	46.304	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 92.600%			
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	30562	17.481	ug/l	97
12) 1,1-Dichloroethene	4.353	96	7251	4.392	ug/l #	70
27) cis-1,2-Dichloroethene	7.494	96	4633	2.206	ug/l	91
30) Chloroform	7.977	83	5050	1.363	ug/l	92
38) Carbon Tetrachloride	8.365	117	7800	2.673	ug/l	91
44) Trichloroethene	9.353	130	3318611	1850.784	ug/l	90
55) 1,1,2-Trichloroethane	11.012	97	2007	1.135	ug/l #	82
64) Tetrachloroethene	11.106	164	4305	2.846	ug/l	94

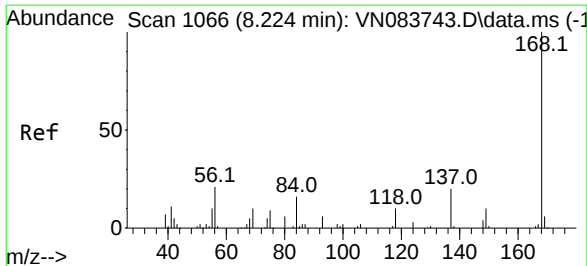
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
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Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912

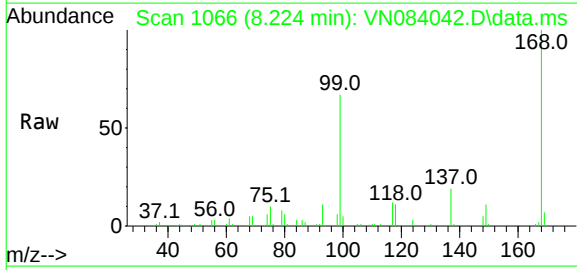
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



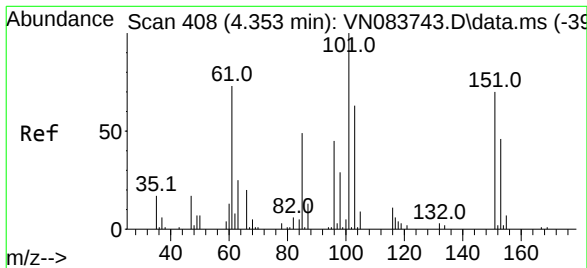
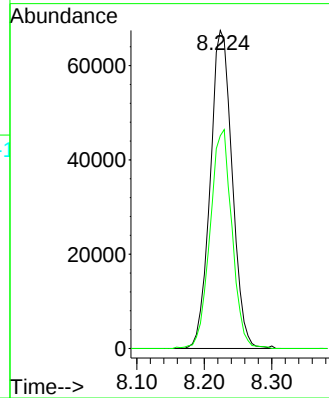
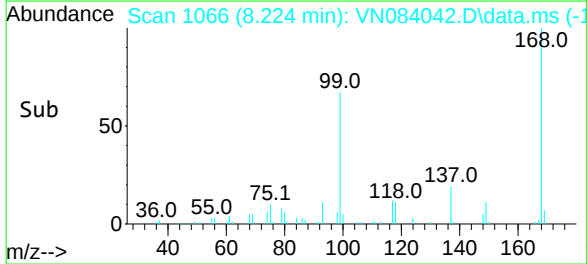


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912

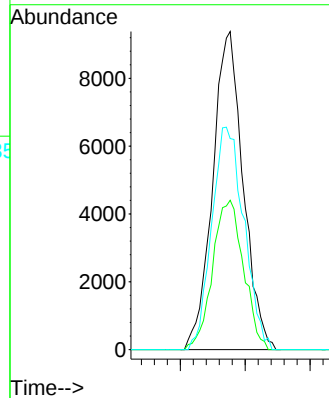
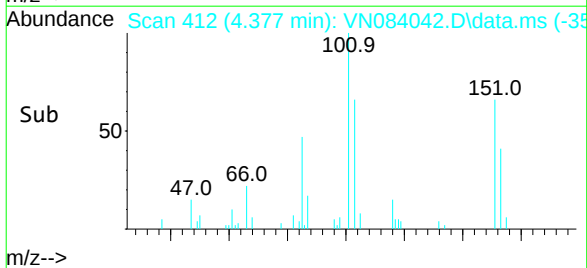
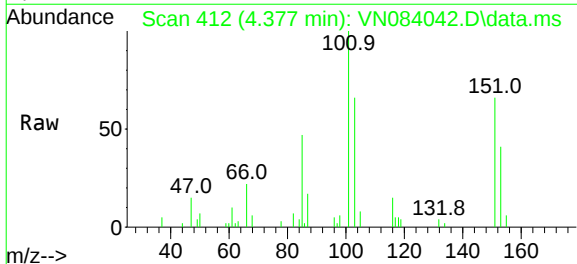


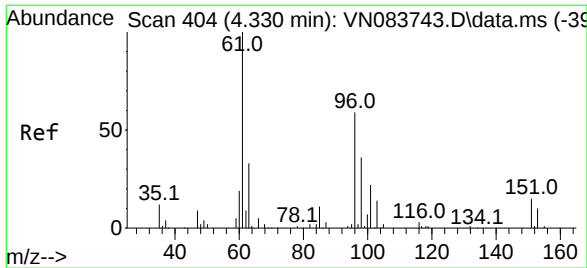
Tgt Ion:168 Resp: 152651
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.481 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.023 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

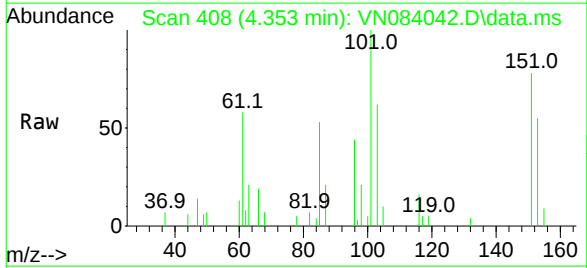
Tgt Ion:101 Resp: 30562
Ion Ratio Lower Upper
101 100
85 47.7 36.2 54.4
151 74.0 57.7 86.5



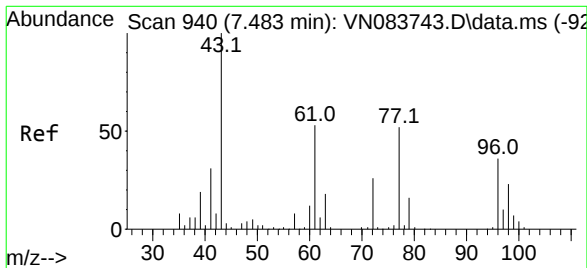
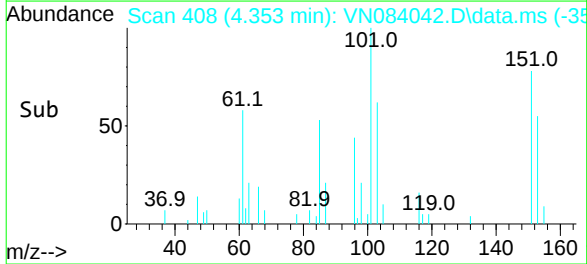
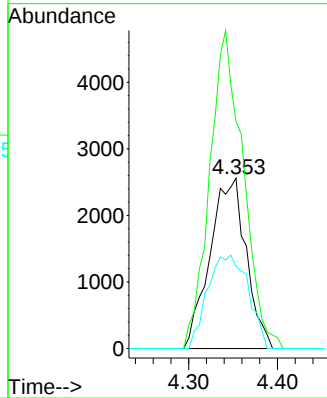


#12
1,1-Dichloroethene
Concen: 4.392 ug/l
RT: 4.353 min Scan# 404
Delta R.T. 0.023 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912

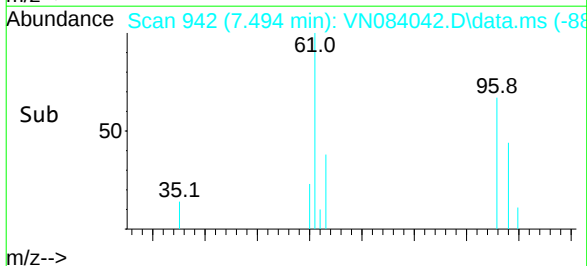
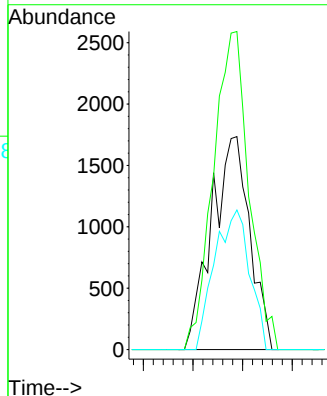
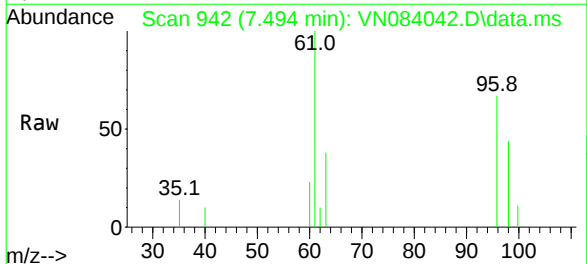


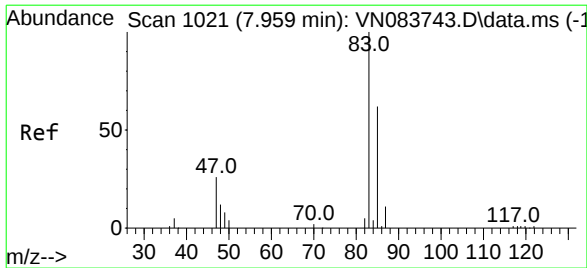
Tgt Ion: 96 Resp: 7251
Ion Ratio Lower Upper
96 100
61 133.3 143.4 215.0#
98 48.2 52.7 79.1#



#27
cis-1,2-Dichloroethene
Concen: 2.206 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Tgt Ion: 96 Resp: 4633
Ion Ratio Lower Upper
96 100
61 139.8 0.0 306.2
98 60.2 0.0 128.6

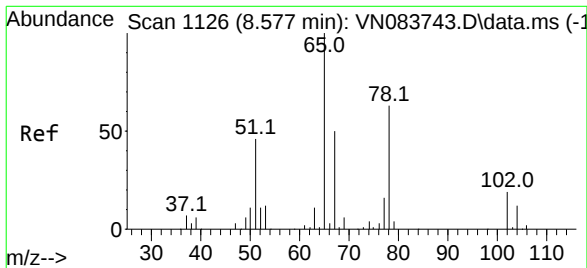
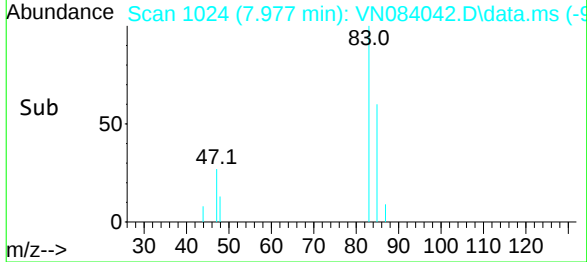
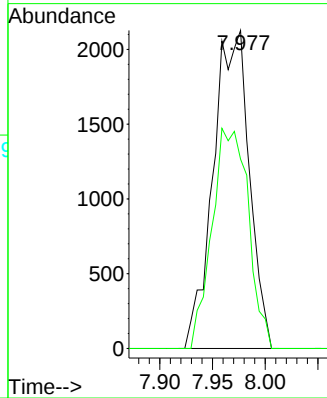
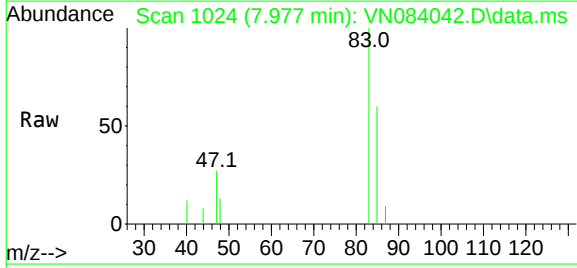




#30
Chloroform
Concen: 1.363 ug/l
RT: 7.977 min Scan# 1021
Delta R.T. 0.018 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

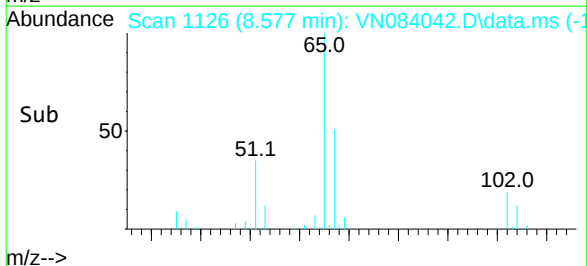
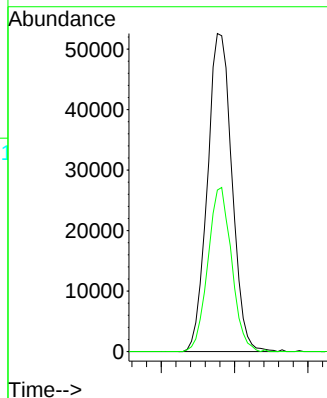
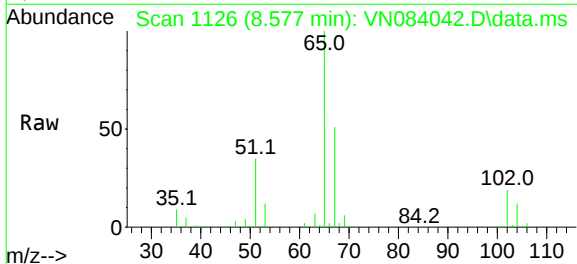
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912

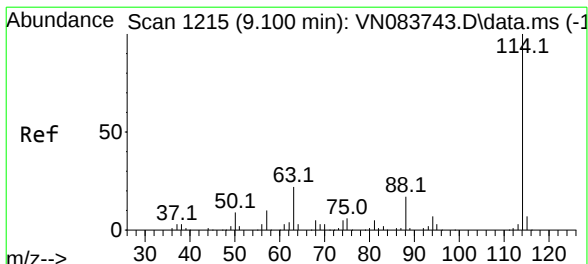
Tgt Ion: 83 Resp: 5050
Ion Ratio Lower Upper
83 100
85 59.5 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 53.145 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Tgt Ion: 65 Resp: 122326
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.8

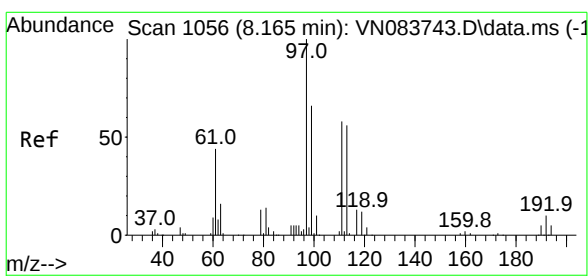
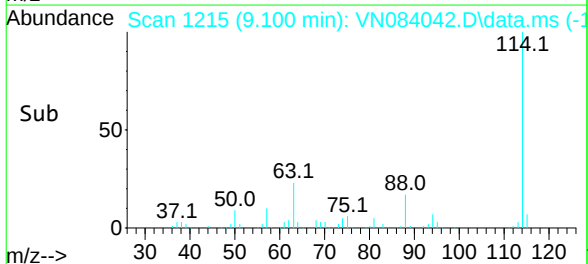
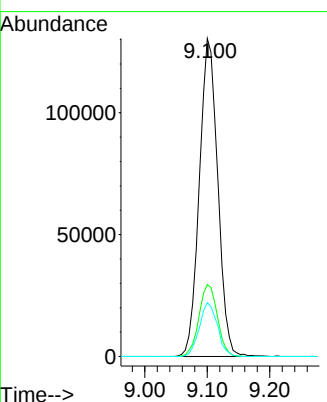
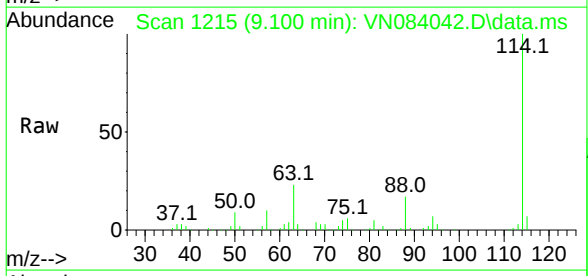




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084042.D
 Acq: 19 Sep 2024 18:28

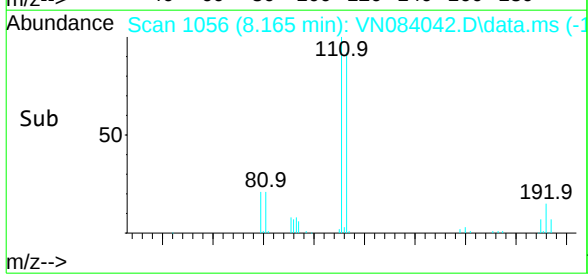
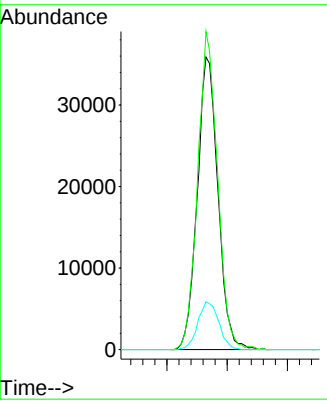
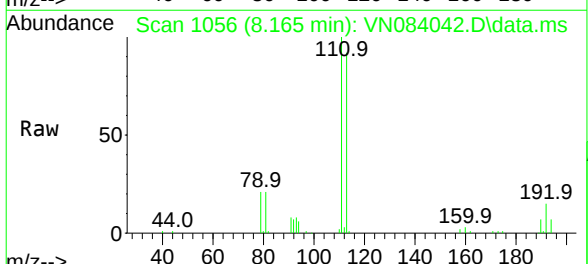
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20240912

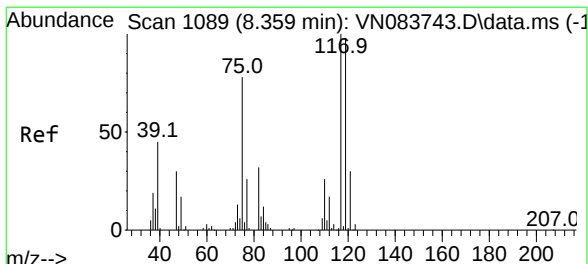
Tgt Ion:	114	Resp:	266980
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.4
88	16.9	0.0	32.6



#35
 Dibromofluoromethane
 Concen: 49.980 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084042.D
 Acq: 19 Sep 2024 18:28

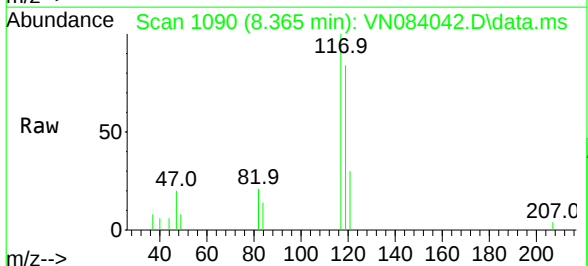
Tgt Ion:	113	Resp:	85424
Ion	Ratio	Lower	Upper
113	100		
111	105.1	82.6	124.0
192	16.6	14.3	21.5





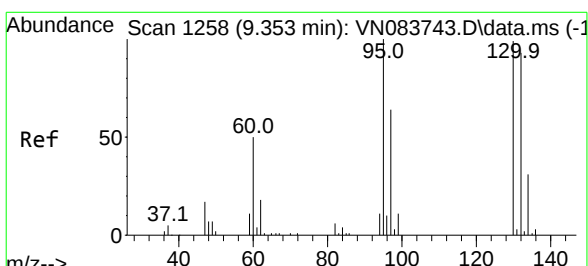
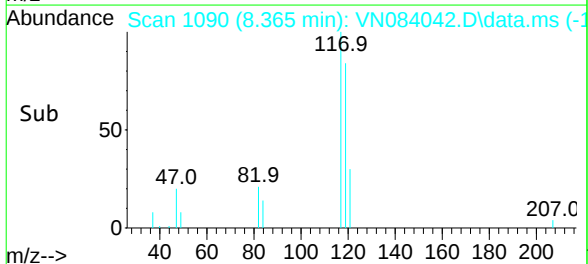
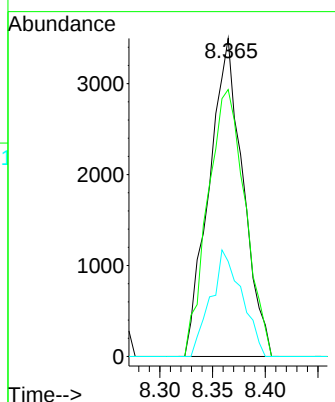
#38
 Carbon Tetrachloride
 Concen: 2.673 ug/l
 RT: 8.365 min Scan# 1089
 Delta R.T. 0.006 min
 Lab File: VN084042.D
 Acq: 19 Sep 2024 18:28

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20240912



Tgt Ion:117 Resp: 7800

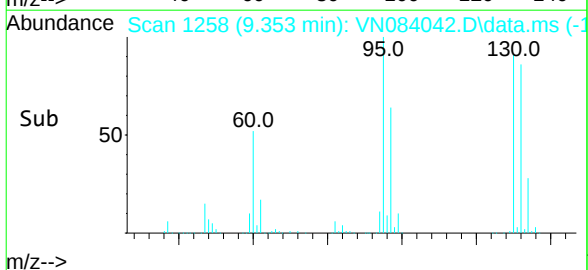
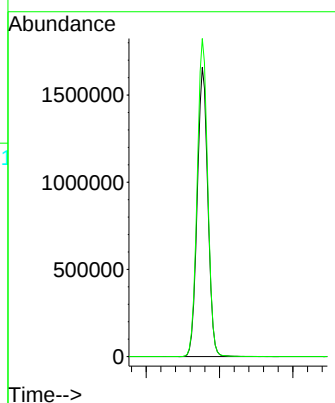
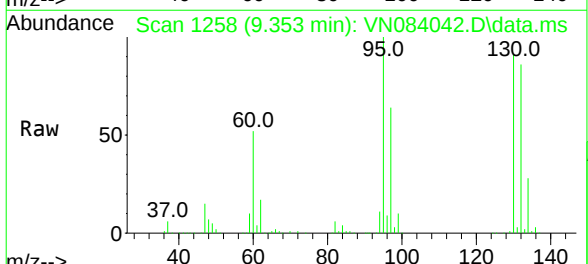
Ion	Ratio	Lower	Upper
117	100		
119	83.9	76.1	114.1
121	29.9	24.1	36.1

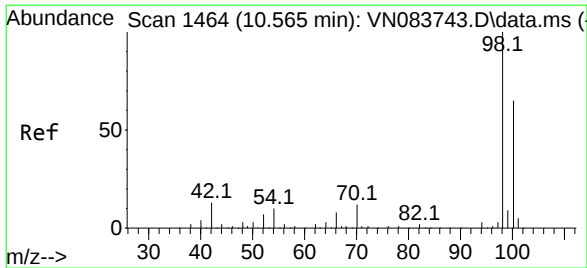


#44
 Trichloroethene
 Concen: 1850.784 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. -0.000 min
 Lab File: VN084042.D
 Acq: 19 Sep 2024 18:28

Tgt Ion:130 Resp: 3318611

Ion	Ratio	Lower	Upper
130	100		
95	110.0	0.0	200.4





#50

Toluene-d8

Concen: 55.050 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084042.D

Acq: 19 Sep 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

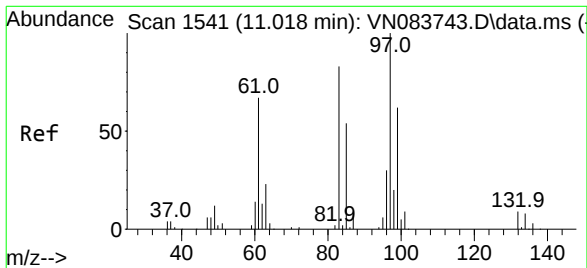
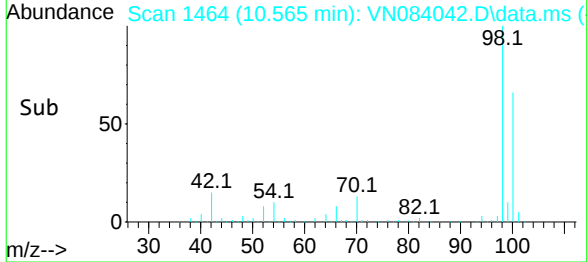
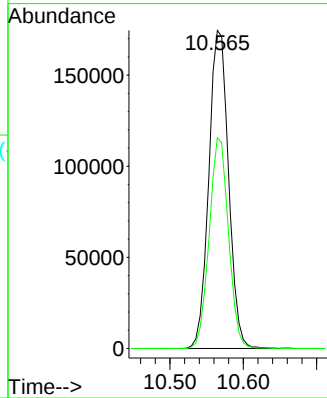
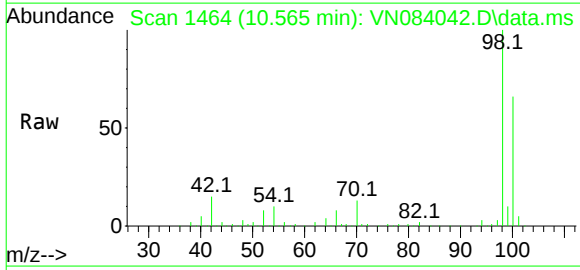
RE105D2-20240912

Tgt Ion: 98 Resp: 325275

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#55

1,1,2-Trichloroethane

Concen: 1.135 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.006 min

Lab File: VN084042.D

Acq: 19 Sep 2024 18:28

Tgt Ion: 97 Resp: 2007

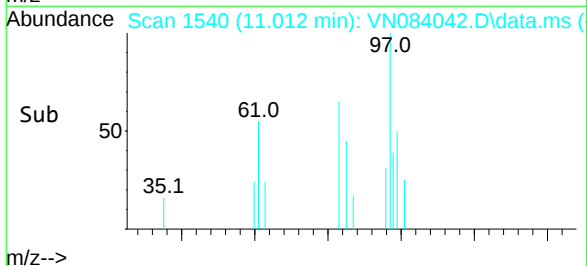
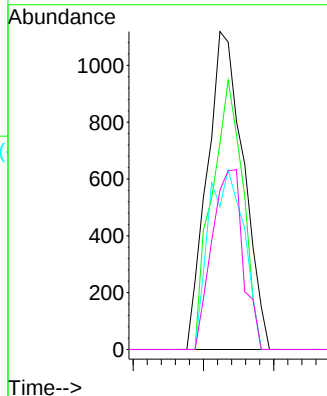
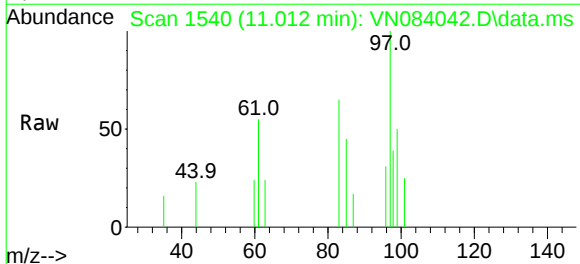
Ion Ratio Lower Upper

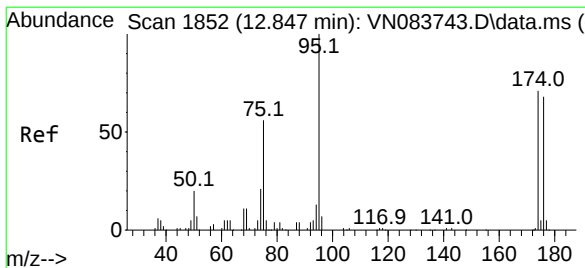
97 100

83 64.8 67.5 101.3#

85 45.0 44.2 66.2

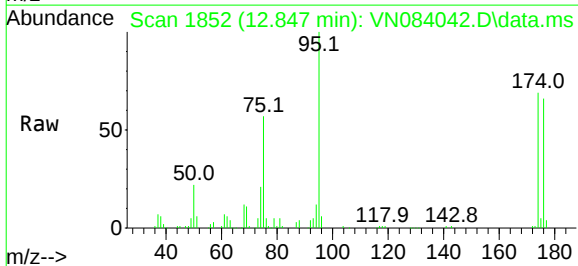
99 50.1 50.1 75.1



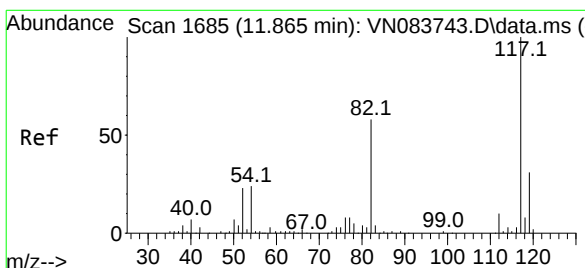
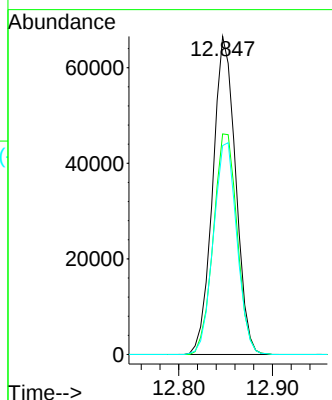
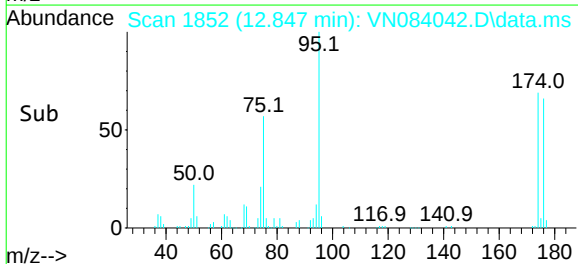


#62
4-Bromofluorobenzene
Concen: 46.304 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20240912

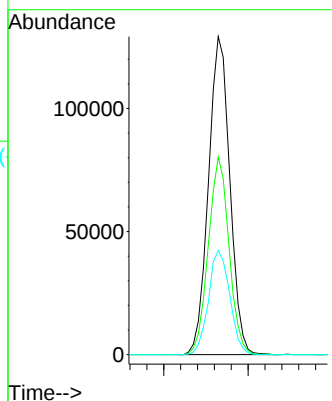
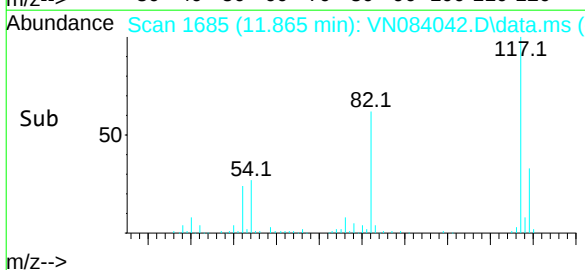
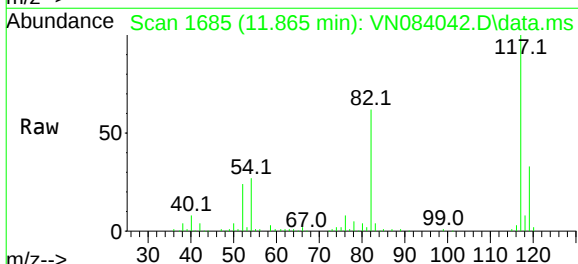


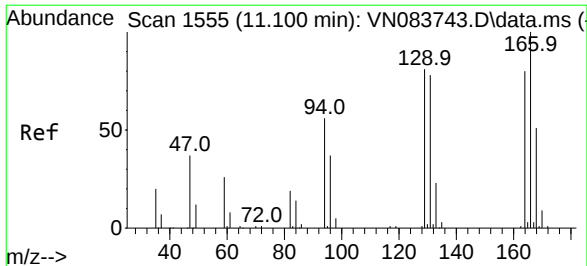
Tgt Ion: 95 Resp: 112880
Ion Ratio Lower Upper
95 100
174 71.9 0.0 139.8
176 68.4 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084042.D
Acq: 19 Sep 2024 18:28

Tgt Ion: 117 Resp: 227483
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.0
119 32.8 26.3 39.5





#64

Tetrachloroethene

Concen: 2.846 ug/l

RT: 11.106 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN084042.D

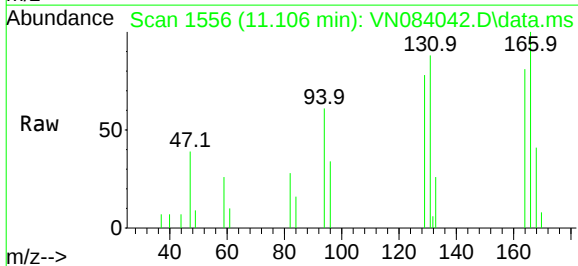
Acq: 19 Sep 2024 18:28

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20240912



Tgt Ion:164 Resp: 4305

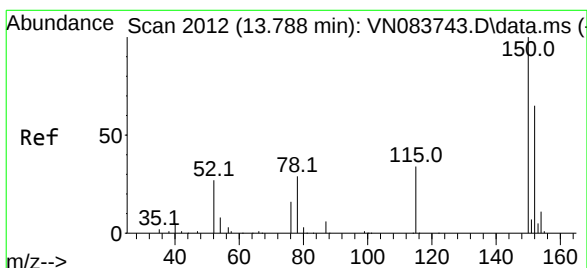
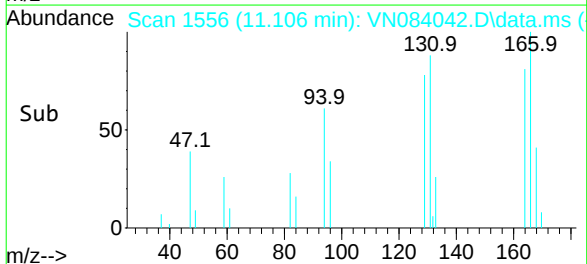
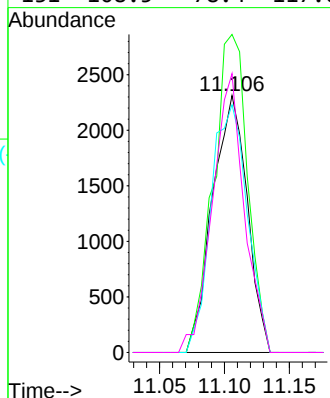
Ion Ratio Lower Upper

164 100

166 123.8 103.7 155.5

129 96.4 79.9 119.9

131 108.5 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: VN084042.D

Acq: 19 Sep 2024 18:28

Tgt Ion:152 Resp: 92485

Ion Ratio Lower Upper

152 100

115 64.3 32.2 96.6

150 159.3 0.0 348.6

