

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084226.D
 Acq On : 30 Sep 2024 18:54
 Operator : JC\MD
 Sample : P4116-25
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D6-20240918

Quant Time: Oct 01 07:16:01 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	169412	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	292558	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251910	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103173	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122676	48.839	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.680%
35) Dibromofluoromethane	8.165	113	93693	48.578	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.160%
50) Toluene-d8	10.565	98	355156	50.050	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.847	95	117331	45.387	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.780%

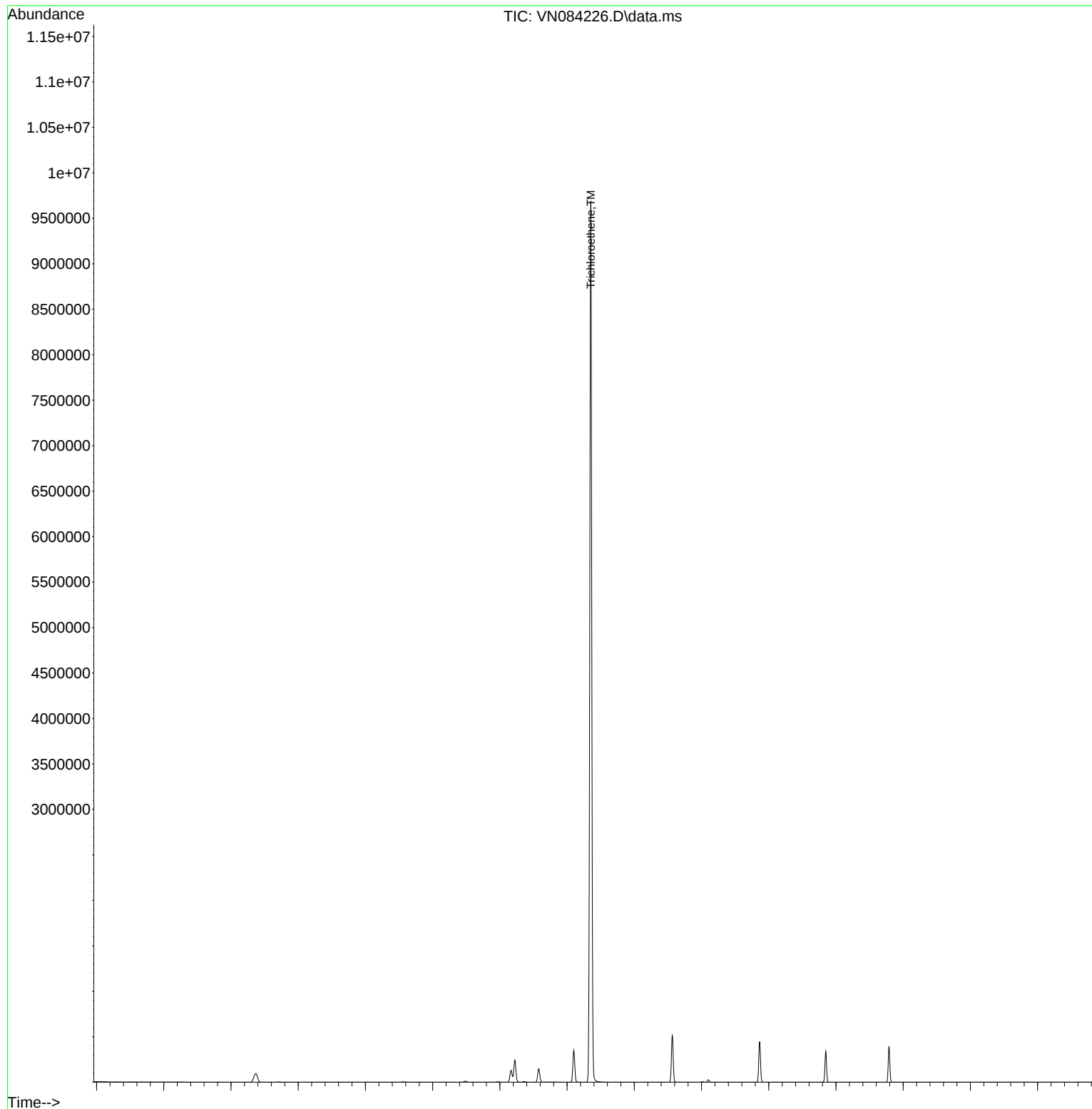
Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	1105	0.551	ug/l 95
3) Chloromethane	2.359	50	1470	0.642	ug/l 98
9) 1,1,2-Trichlorotrifluo...	4.371	101	60507	30.597	ug/l 98
12) 1,1-Dichloroethene	4.342	96	18774	9.842	ug/l 93
27) cis-1,2-Dichloroethene	7.483	96	7542	3.123	ug/l 85
30) Chloroform	7.965	83	5023	1.262	ug/l # 73
38) Carbon Tetrachloride	8.365	117	5462	1.777	ug/l # 96
44) Trichloroethene	9.353	130	3301317	1619.355	ug/l 94
55) 1,1,2-Trichloroethane	11.018	97	2689	1.409	ug/l # 90
64) Tetrachloroethene	11.100	164	5878	3.350	ug/l 93

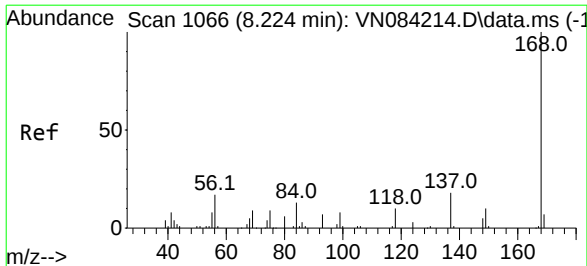
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
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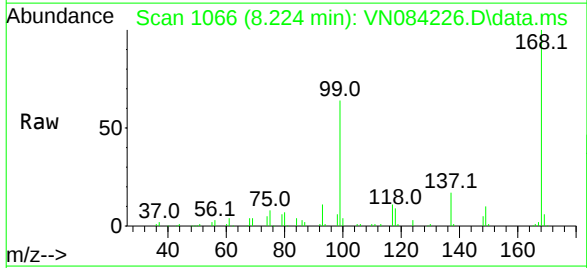
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



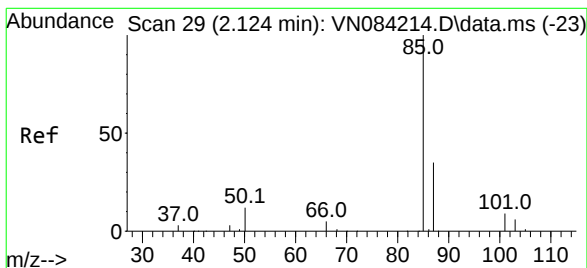
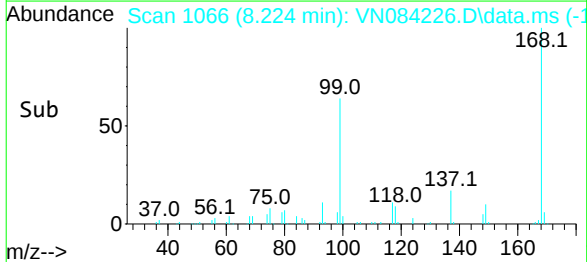
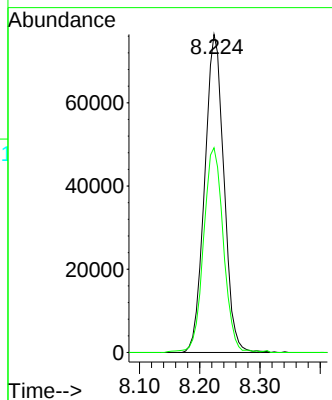


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20240918

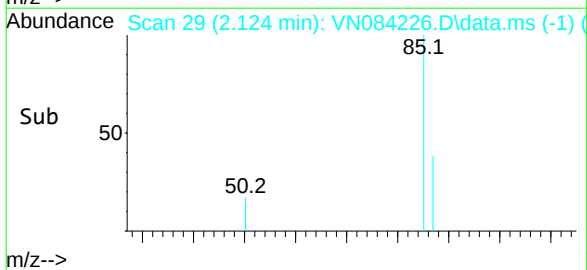
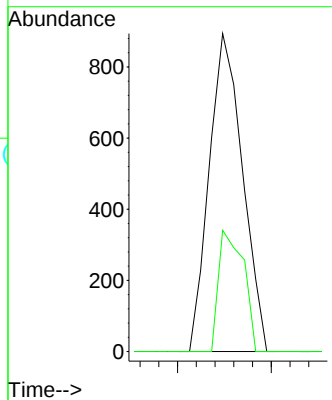
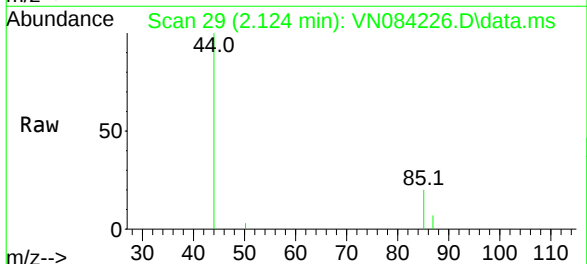


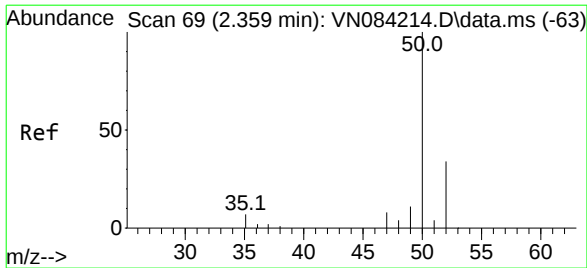
Tgt Ion:168 Resp: 169412
Ion Ratio Lower Upper
168 100
99 64.4 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 0.551 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

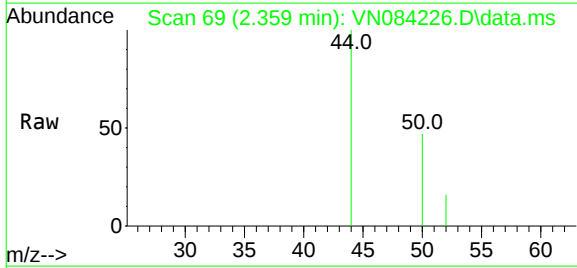
Tgt Ion: 85 Resp: 1105
Ion Ratio Lower Upper
85 100
87 38.1 17.6 52.9



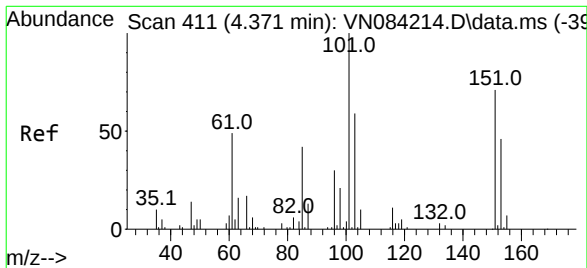
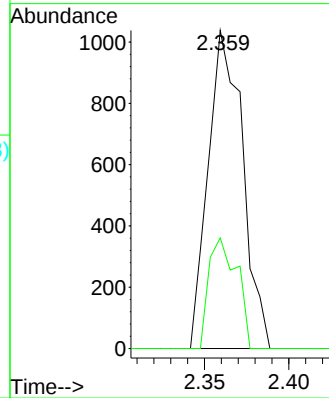
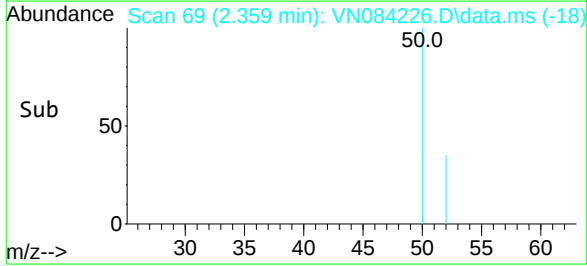


#3
Chloromethane
Concen: 0.642 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20240918

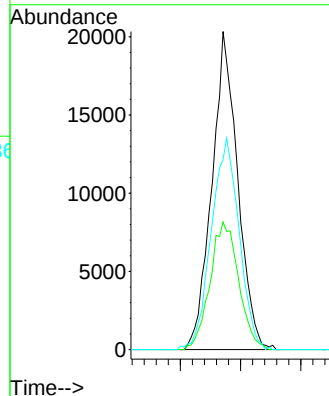
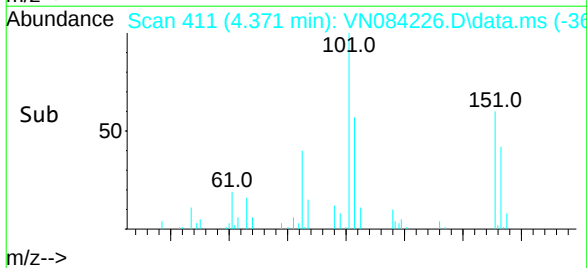
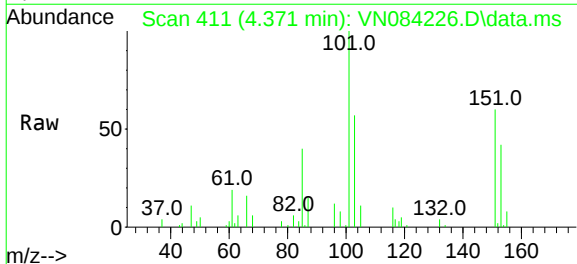


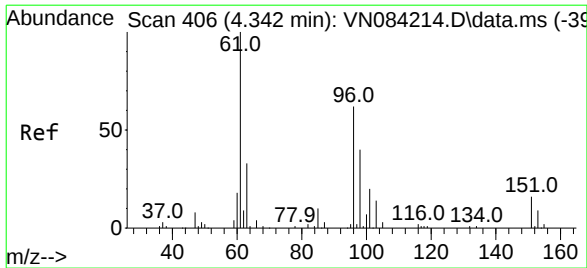
Tgt Ion: 50 Resp: 1470
Ion Ratio Lower Upper
50 100
52 34.8 26.8 40.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.597 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

Tgt Ion: 101 Resp: 60507
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 71.6 59.3 88.9

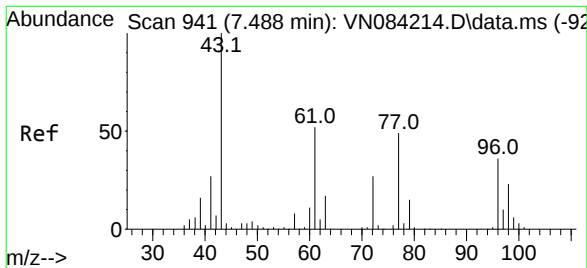
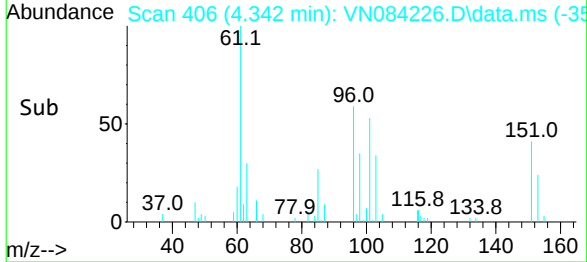
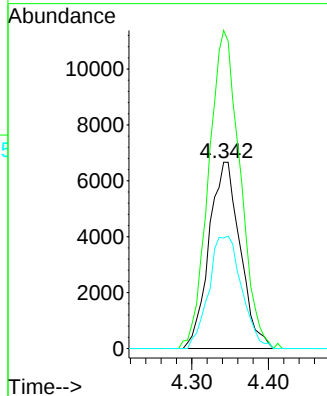
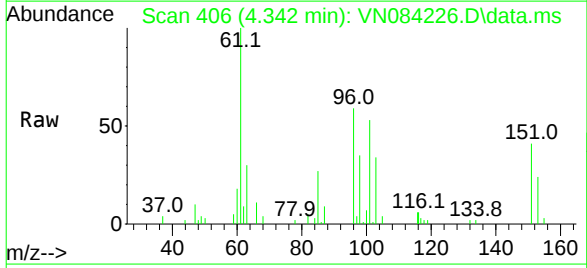




#12
1,1-Dichloroethene
Concen: 9.842 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

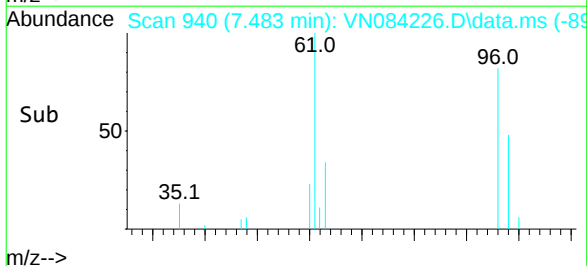
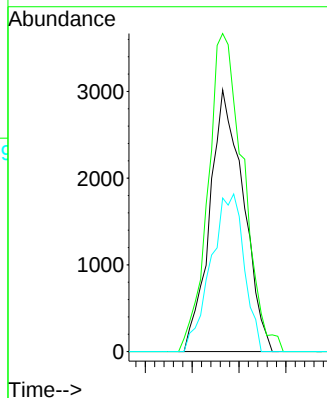
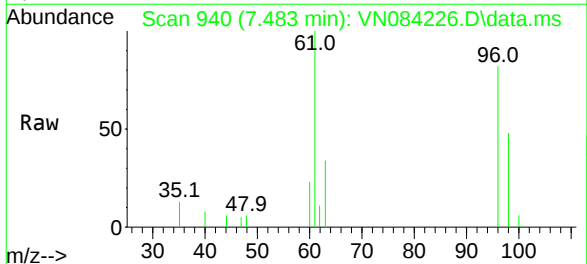
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20240918

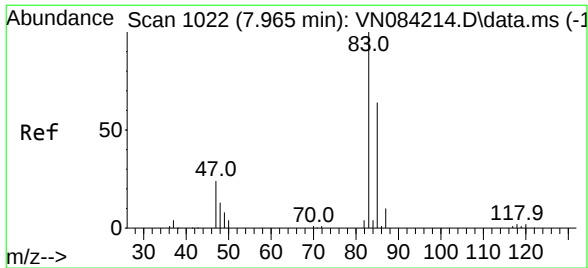
Tgt Ion: 96 Resp: 18774
Ion Ratio Lower Upper
96 100
61 170.7 128.6 192.8
98 59.3 51.7 77.5



#27
cis-1,2-Dichloroethene
Concen: 3.123 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

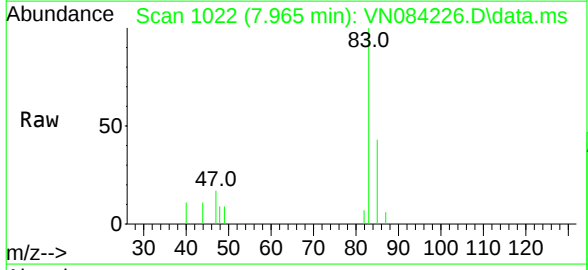
Tgt Ion: 96 Resp: 7542
Ion Ratio Lower Upper
96 100
61 127.0 0.0 301.8
98 59.4 0.0 128.2



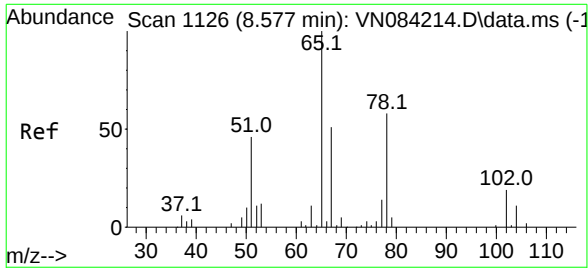
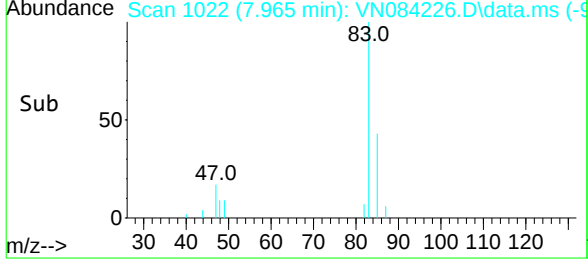
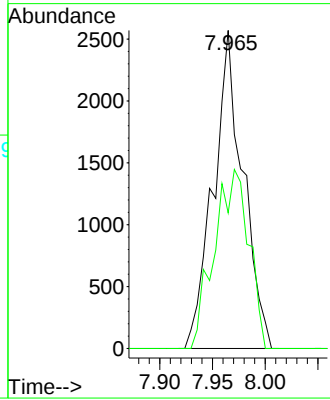


#30
 Chloroform
 Concen: 1.262 ug/l
 RT: 7.965 min Scan# 1022
 Delta R.T. -0.000 min
 Lab File: VN084226.D
 Acq: 30 Sep 2024 18:54

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D6-20240918

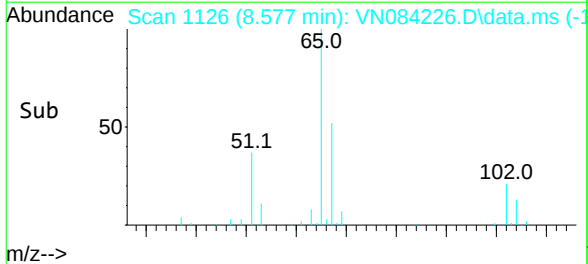
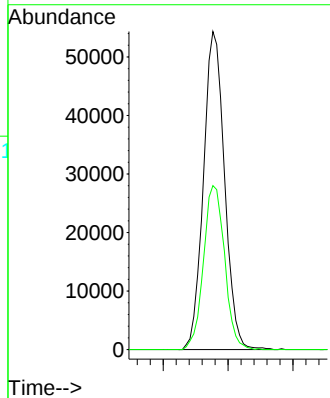
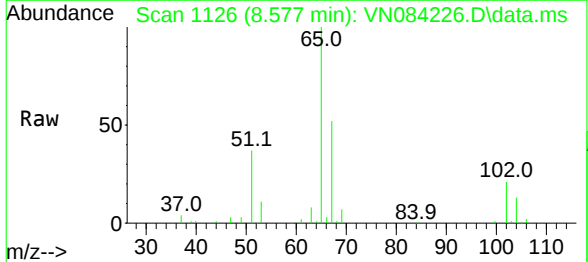


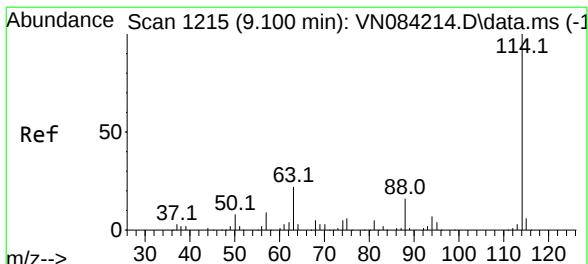
Tgt Ion:	83	Resp:	5023
Ion	Ratio	Lower	Upper
83	100		
85	42.6	51.0	76.4



#33
 1,2-Dichloroethane-d4
 Concen: 48.839 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084226.D
 Acq: 30 Sep 2024 18:54

Tgt Ion:	65	Resp:	122676
Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	102.0

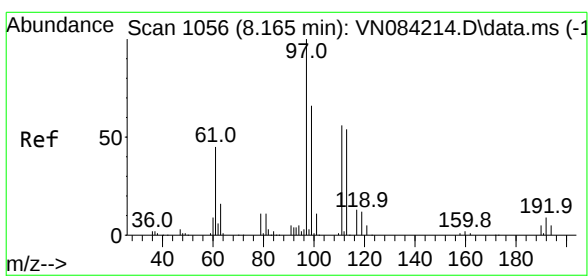
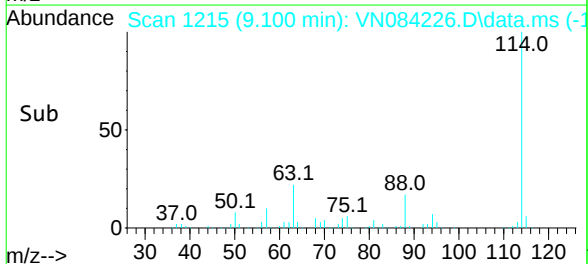
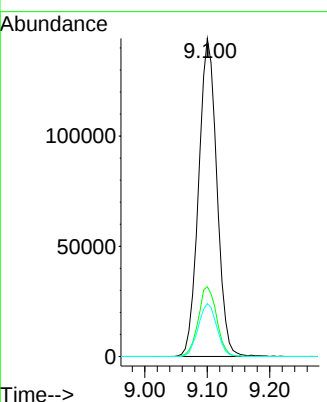
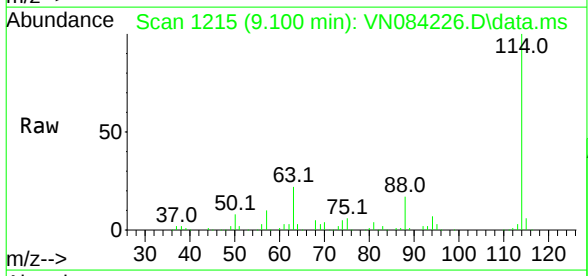




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. -0.000 min
 Lab File: VN084226.D
 Acq: 30 Sep 2024 18:54

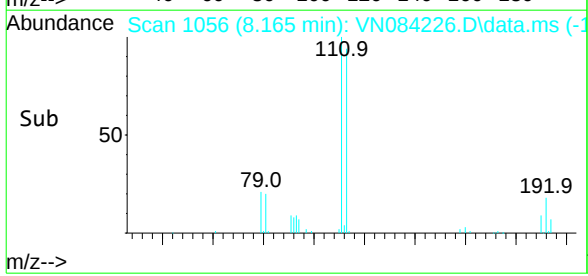
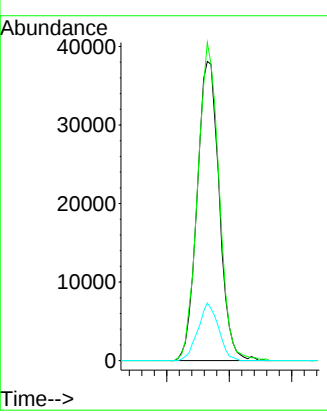
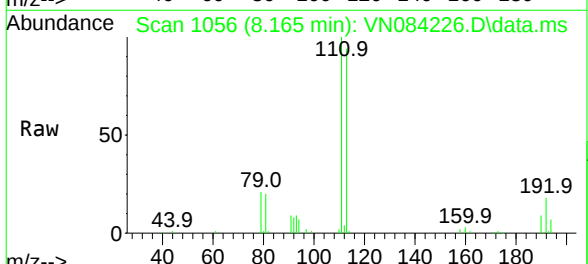
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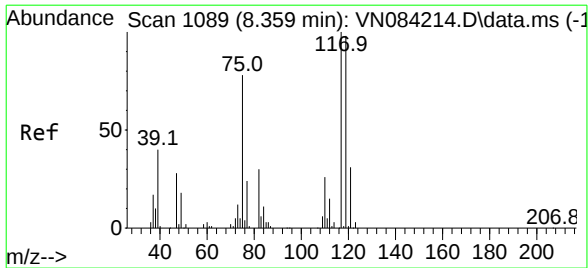
Tgt Ion:	114	Resp:	292558
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	43.8
88	16.6	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 48.578 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084226.D
 Acq: 30 Sep 2024 18:54

Tgt Ion:	113	Resp:	93693
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.3	124.9
192	17.8	13.5	20.3

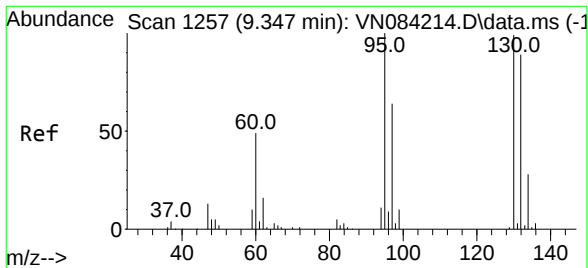
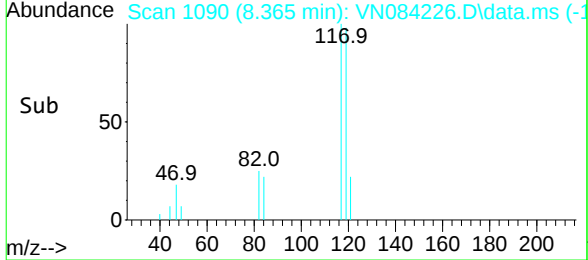
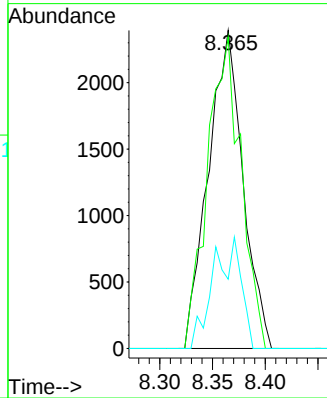
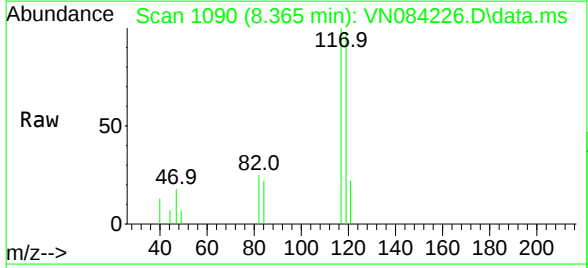




#38
Carbon Tetrachloride
Concen: 1.777 ug/l
RT: 8.365 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

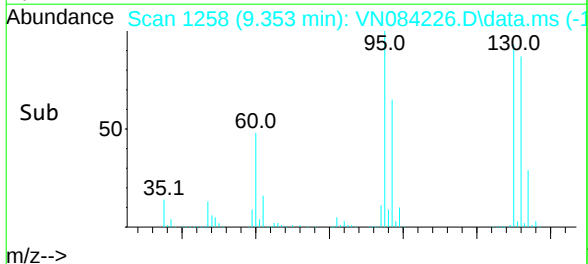
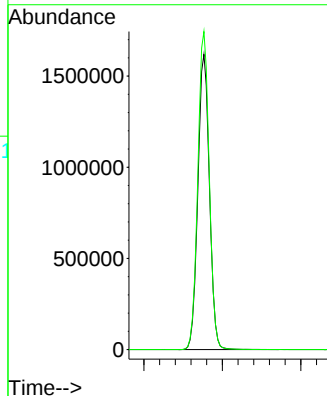
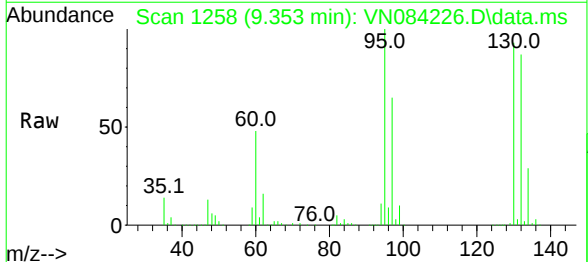
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RE132D6-20240918

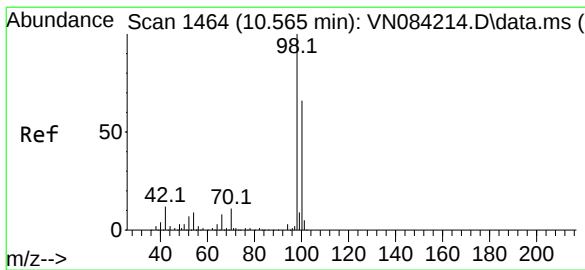
Tgt Ion:117 Resp: 5462
Ion Ratio Lower Upper
117 100
119 98.0 78.7 118.1
121 21.8 24.4 36.6#



#44
Trichloroethene
Concen: 1619.355 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

Tgt Ion:130 Resp: 3301317
Ion Ratio Lower Upper
130 100
95 107.7 0.0 203.0





#50

Toluene-d8

Concen: 50.050 ug/l

RT: 10.565 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN084226.D

Acq: 30 Sep 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

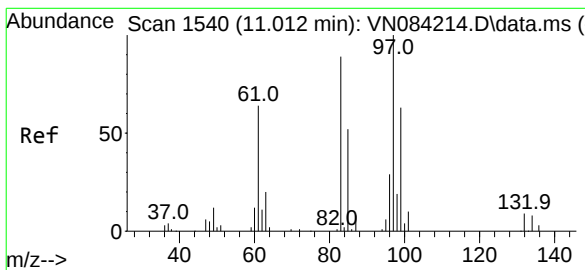
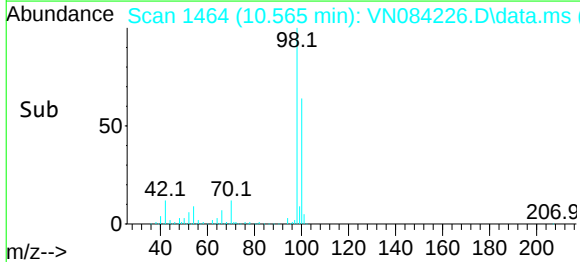
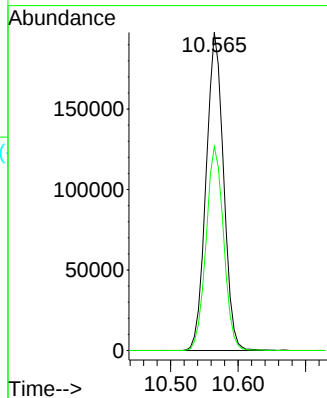
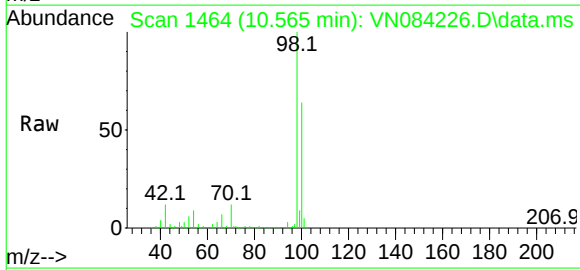
RE132D6-20240918

Tgt Ion: 98 Resp: 355156

Ion Ratio Lower Upper

98 100

100 64.5 52.7 79.1



#55

1,1,2-Trichloroethane

Concen: 1.409 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.006 min

Lab File: VN084226.D

Acq: 30 Sep 2024 18:54

Tgt Ion: 97 Resp: 2689

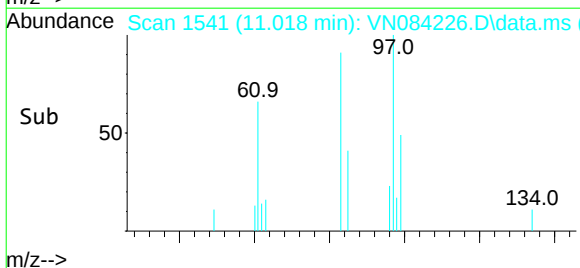
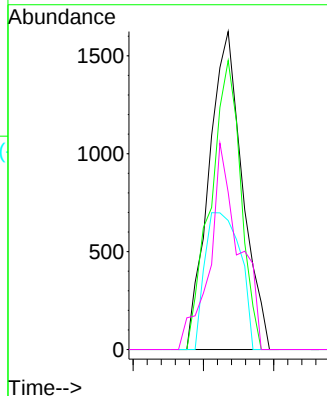
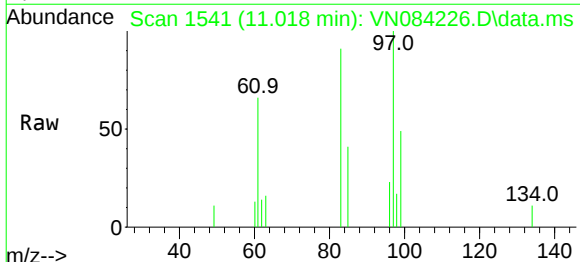
Ion Ratio Lower Upper

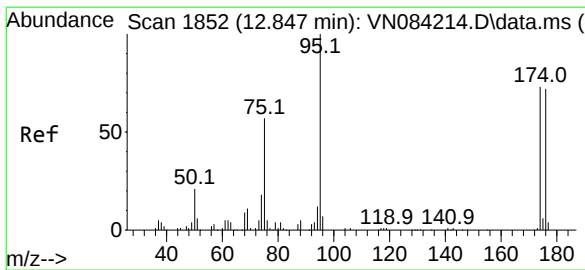
97 100

83 90.9 71.0 106.4

85 40.6 41.7 62.5#

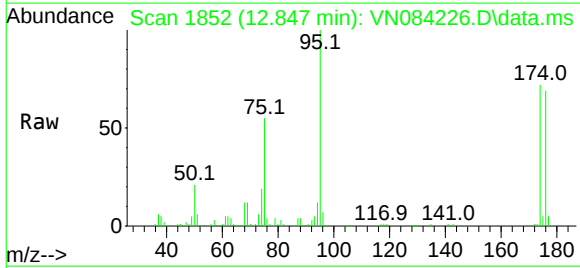
99 49.4 50.1 75.1#



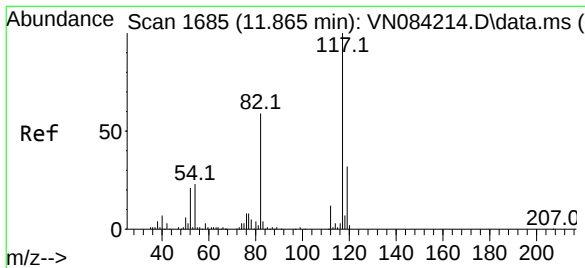
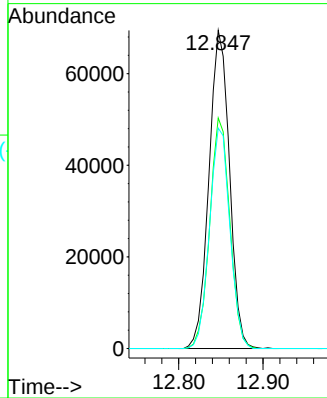
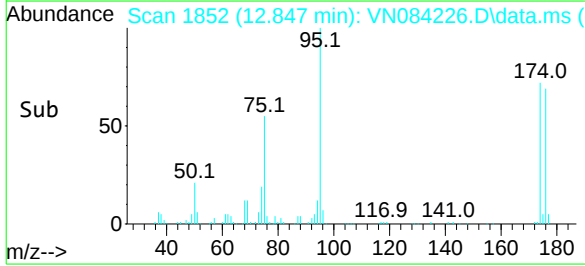


#62
4-Bromofluorobenzene
Concen: 45.387 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54

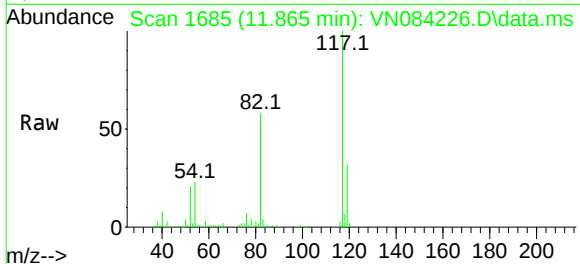
Instrument :
MSVOA_N
ClientSampleId :
RE132D6-20240918



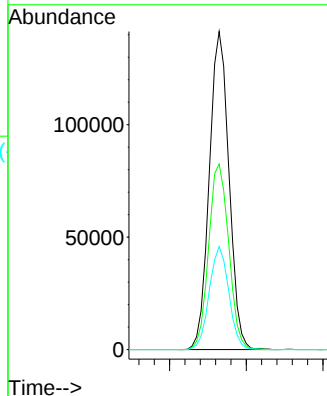
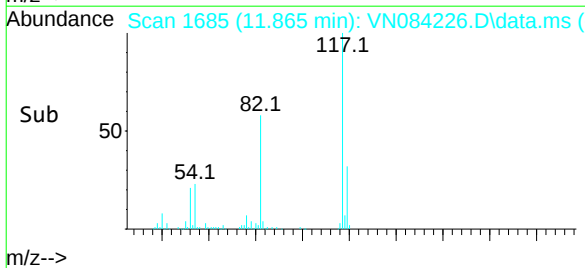
Tgt Ion: 95 Resp: 117331
Ion Ratio Lower Upper
95 100
174 71.0 0.0 145.2
176 69.0 0.0 140.0

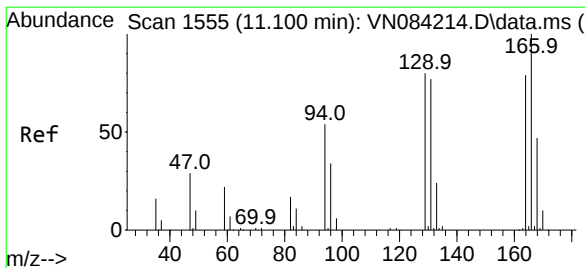


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084226.D
Acq: 30 Sep 2024 18:54



Tgt Ion: 117 Resp: 251910
Ion Ratio Lower Upper
117 100
82 58.3 47.2 70.8
119 32.4 25.4 38.0





#64

Tetrachloroethene

Concen: 3.350 ug/l

RT: 11.100 min Scan# 15

Delta R.T. -0.000 min

Lab File: VN084226.D

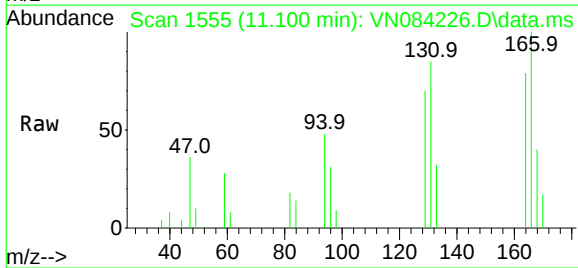
Acq: 30 Sep 2024 18:54

Instrument :

MSVOA_N

ClientSampleId :

RE132D6-20240918



Tgt Ion:164 Resp: 5878

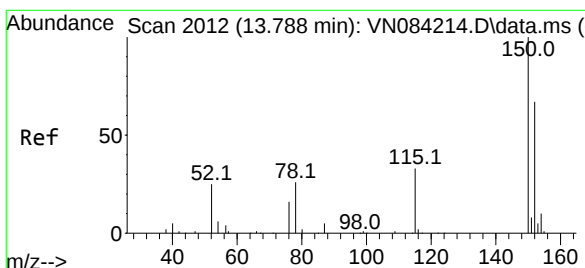
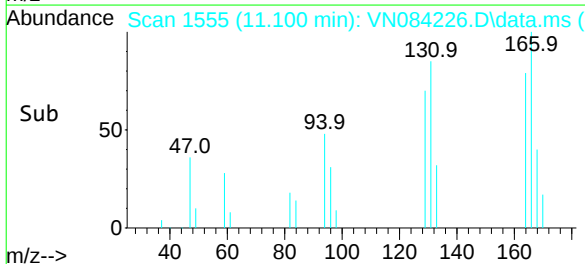
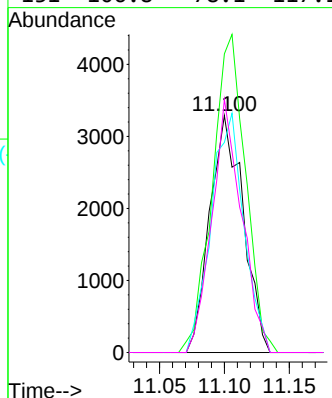
Ion Ratio Lower Upper

164 100

166 126.1 101.0 151.4

129 88.7 80.8 121.2

131 106.8 78.1 117.1



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084226.D

Acq: 30 Sep 2024 18:54

Tgt Ion:152 Resp: 103173

Ion Ratio Lower Upper

152 100

115 62.9 31.3 93.9

150 157.0 0.0 349.8

