

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045543.D
 Acq On : 02 Apr 2025 13:44
 Operator : JC/MD
 Sample : Q1697-02DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-01-55-040125DL

Quant Time: Apr 08 05:20:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

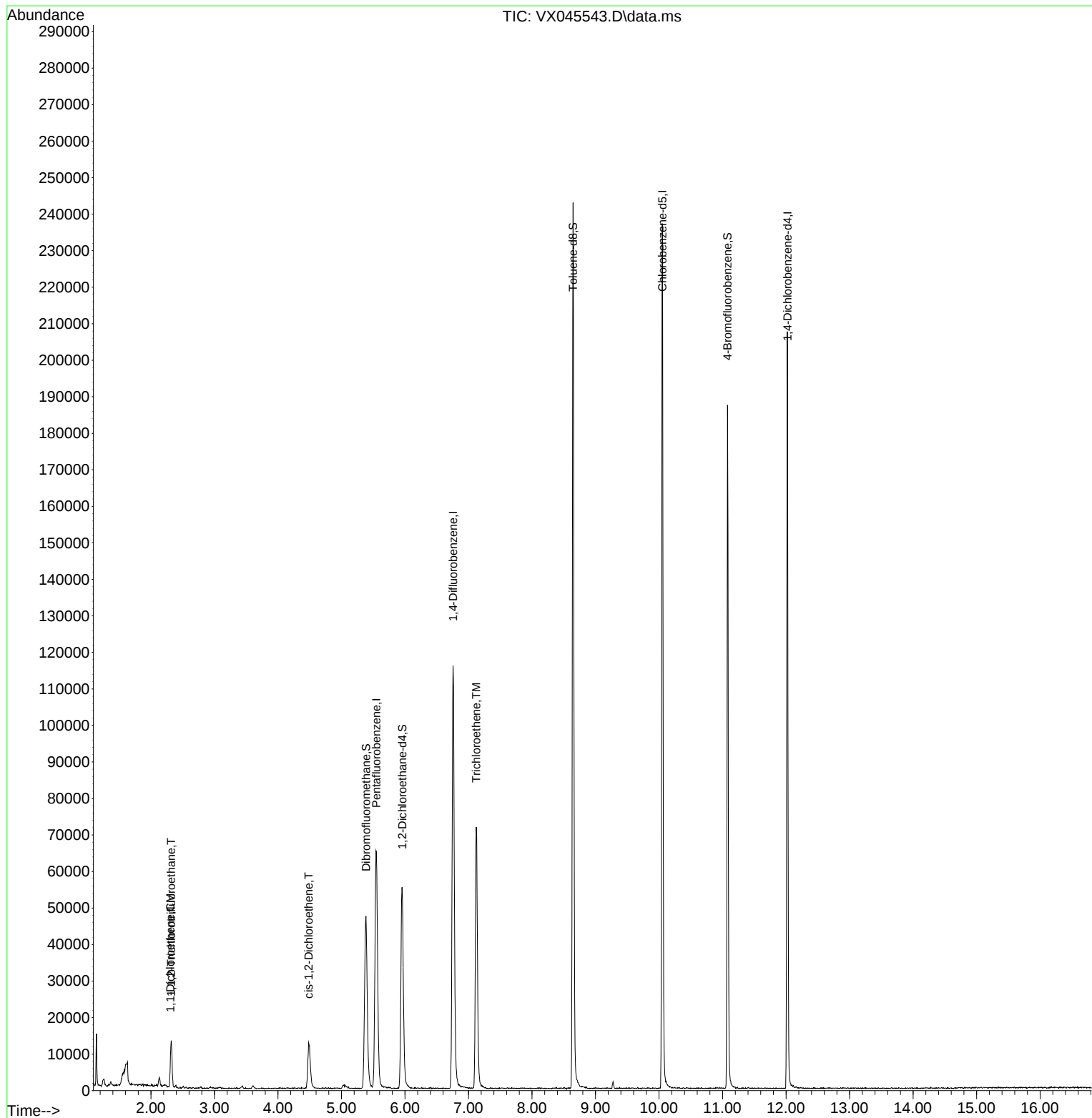
Internal Standards						
1) Pentafluorobenzene	5.550	168	56974	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	110887	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	101352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56619	54.342	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.680%	
35) Dibromofluoromethane	5.385	113	41436	52.668	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.340%	
50) Toluene-d8	8.647	98	139408	50.767	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.540%	
62) 4-Bromofluorobenzene	11.079	95	48330	48.318	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 96.640%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.319	101	4473	6.390	ug/l	98
12) 1,1-Dichloroethene	2.306	96	580	0.848	ug/l	83
27) cis-1,2-Dichloroethene	4.483	96	7830	9.197	ug/l	87
44) Trichloroethene	7.123	130	26490	34.353	ug/l	96

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

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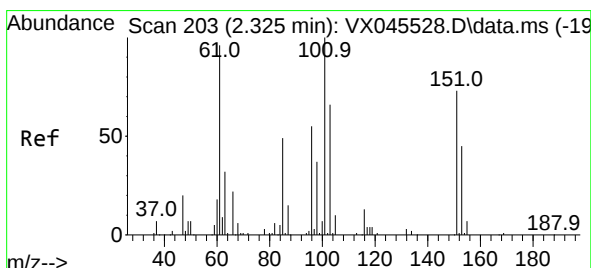
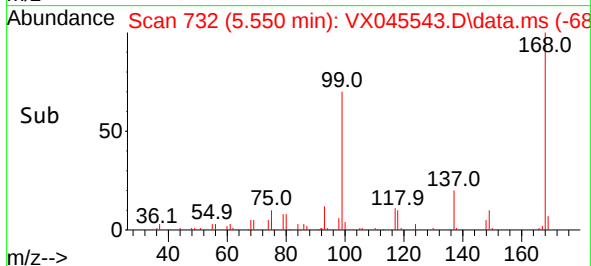
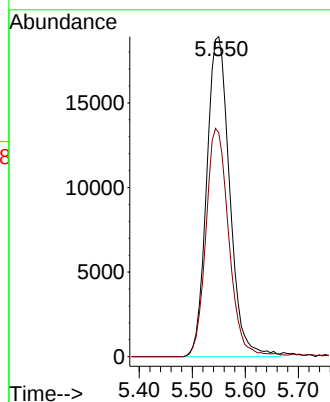
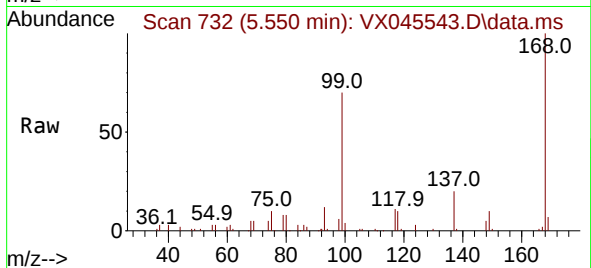




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

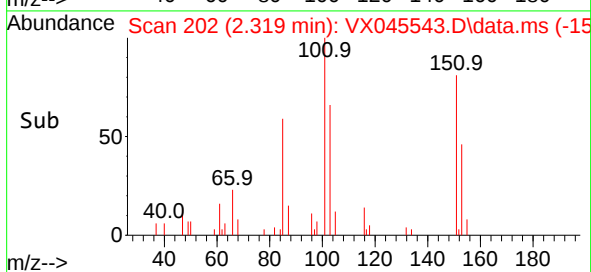
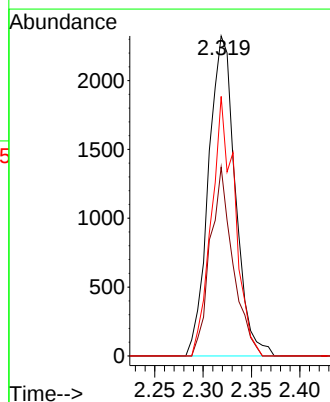
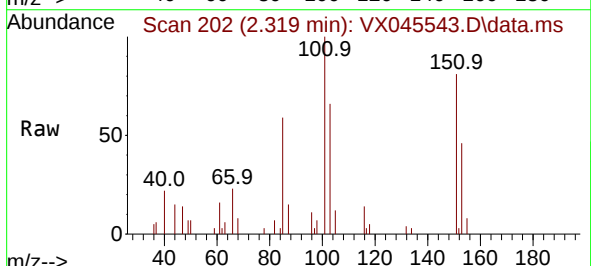
Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125DL

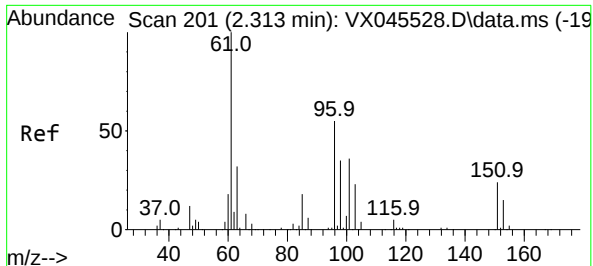
Tgt Ion:168 Resp: 56974
Ion Ratio Lower Upper
168 100
99 70.0 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.390 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.006 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

Tgt Ion:101 Resp: 4473
Ion Ratio Lower Upper
101 100
85 50.3 38.9 58.3
151 71.0 57.5 86.3





#12

1,1-Dichloroethene

Concen: 0.848 ug/l

RT: 2.306 min Scan# 201

Delta R.T. -0.006 min

Lab File: VX045543.D

Acq: 02 Apr 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

IW-01-55-040125DL

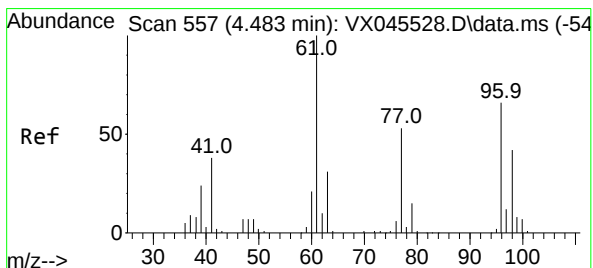
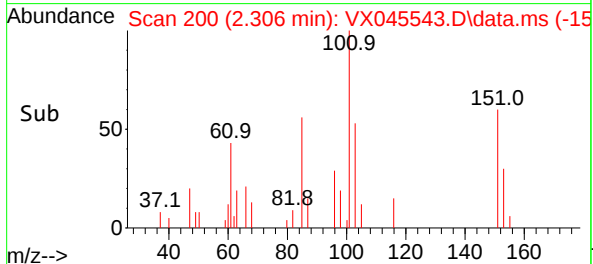
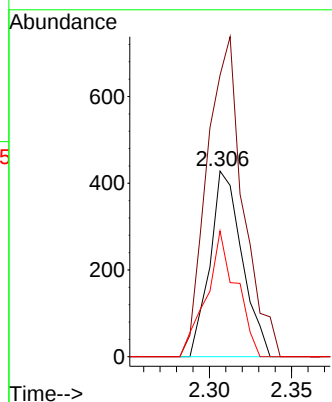
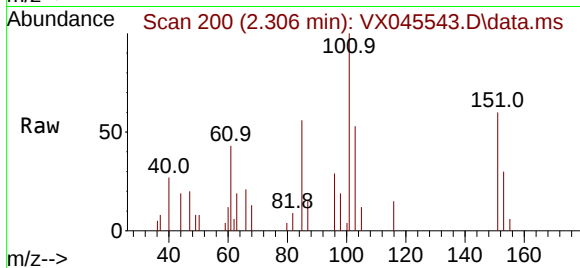
Tgt Ion: 96 Resp: 580

Ion Ratio Lower Upper

96 100

61 151.6 145.7 218.5

98 67.8 51.6 77.4



#27

cis-1,2-Dichloroethene

Concen: 9.197 ug/l

RT: 4.483 min Scan# 557

Delta R.T. 0.000 min

Lab File: VX045543.D

Acq: 02 Apr 2025 13:44

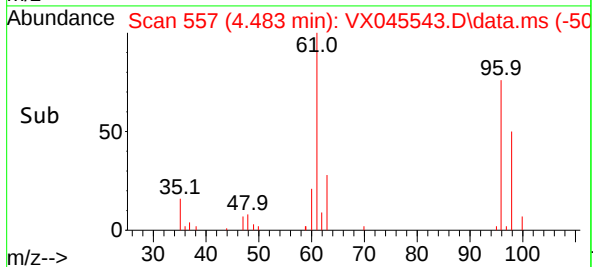
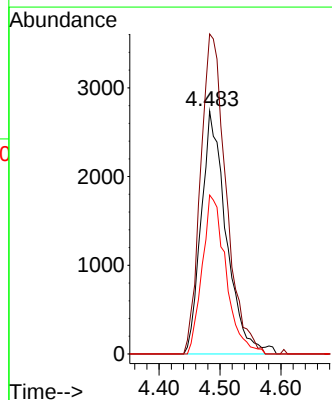
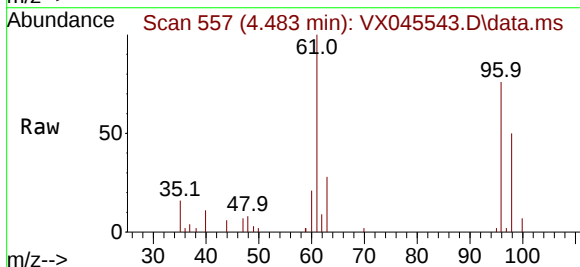
Tgt Ion: 96 Resp: 7830

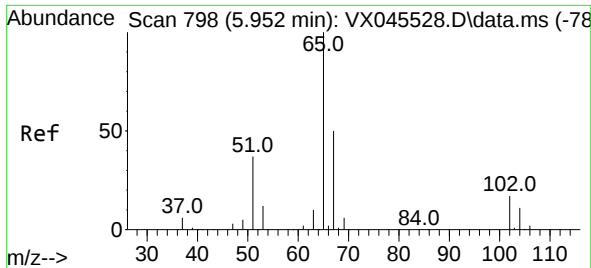
Ion Ratio Lower Upper

96 100

61 134.1 0.0 313.2

98 62.0 0.0 126.4

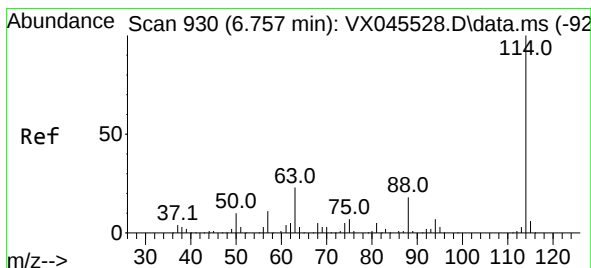
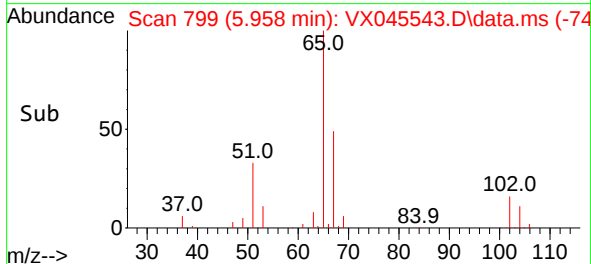
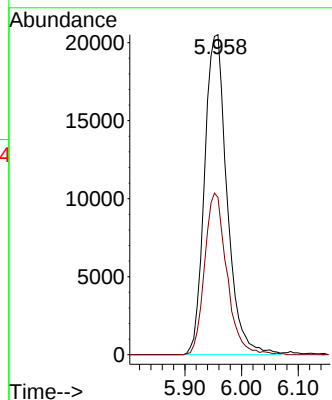
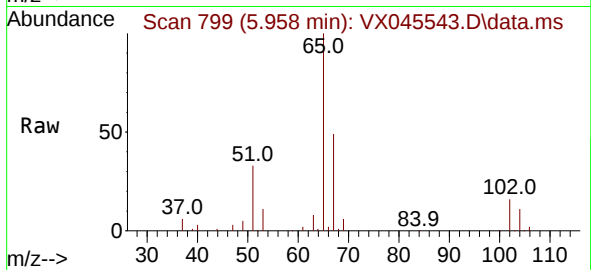




#33
 1,2-Dichloroethane-d4
 Concen: 54.342 ug/l
 RT: 5.958 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX045543.D
 Acq: 02 Apr 2025 13:44

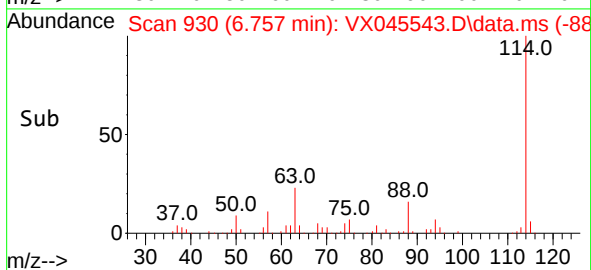
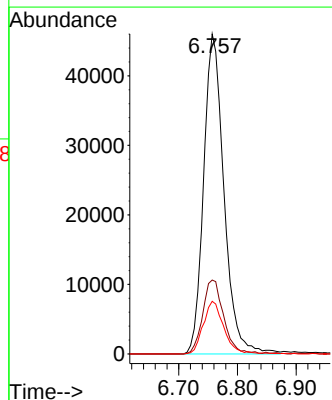
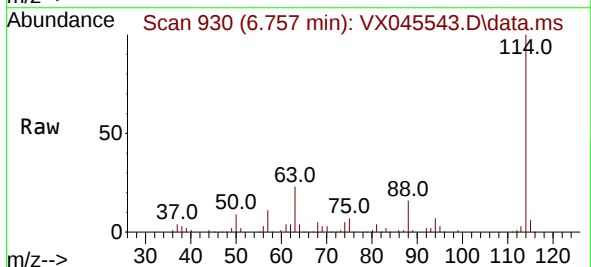
Instrument :
 MSVOA_X
 ClientSampleId :
 IW-01-55-040125DL

Tgt Ion: 65 Resp: 56619
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX045543.D
 Acq: 02 Apr 2025 13:44

Tgt Ion: 114 Resp: 110887
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 46.8
 88 16.5 0.0 35.4





#35

Dibromofluoromethane

Concen: 52.668 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX045543.D

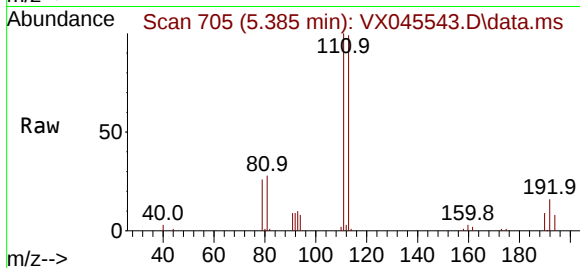
Acq: 02 Apr 2025 13:44

Instrument :

MSVOA_X

ClientSampleId :

IW-01-55-040125DL



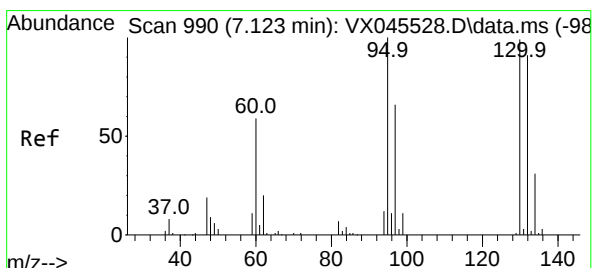
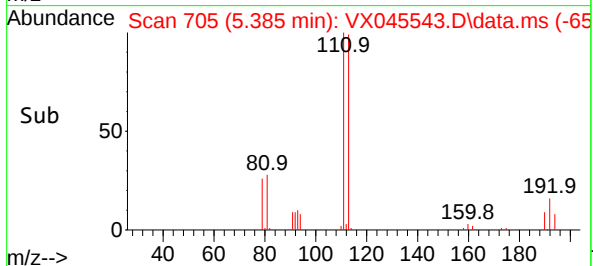
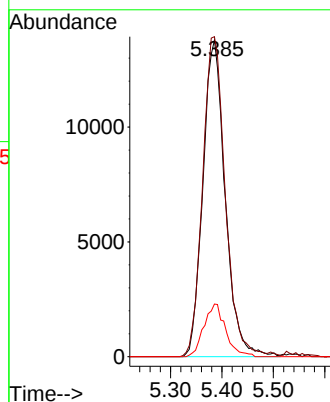
Tgt Ion:113 Resp: 41436

Ion Ratio Lower Upper

113 100

111 103.0 81.8 122.6

192 16.3 13.8 20.6



#44

Trichloroethene

Concen: 34.353 ug/l

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

Lab File: VX045543.D

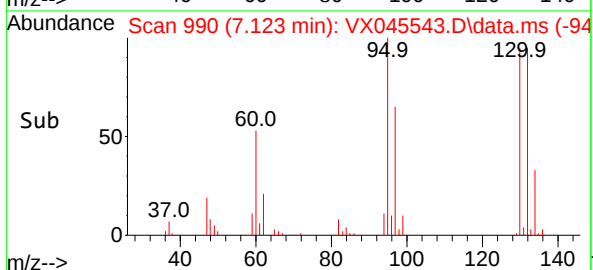
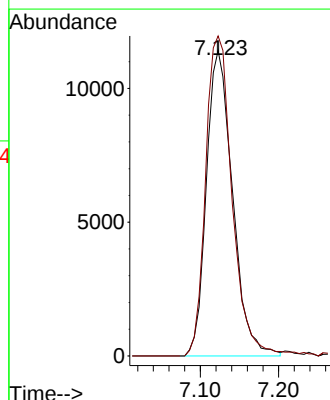
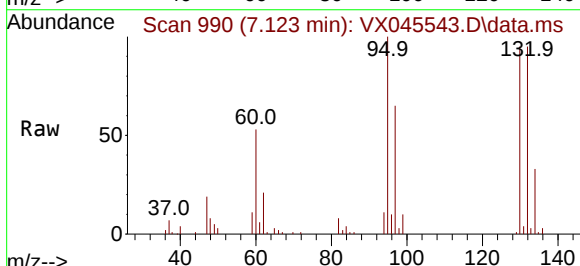
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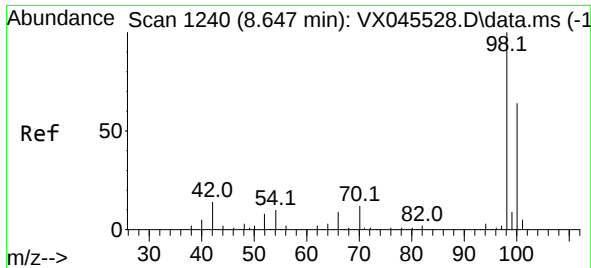
Tgt Ion:130 Resp: 26490

Ion Ratio Lower Upper

130 100

95 104.8 0.0 202.0

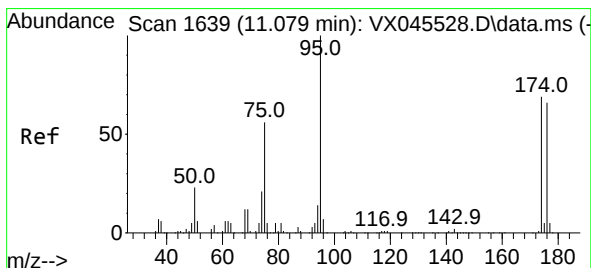
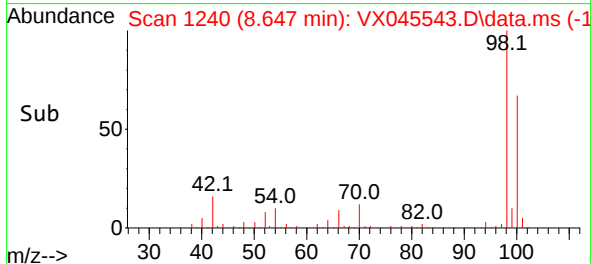
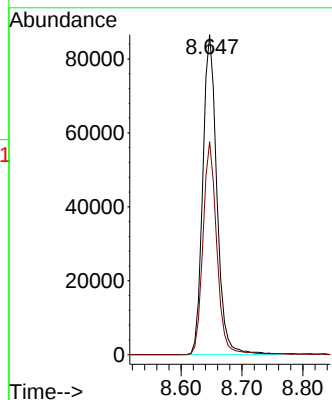
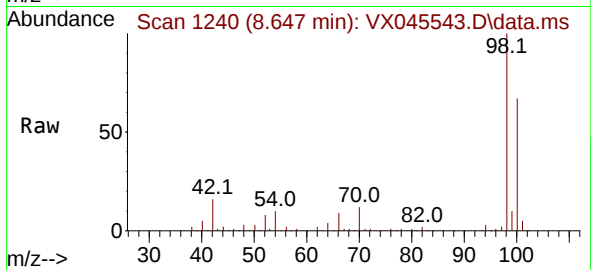




#50
Toluene-d8
Concen: 50.767 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

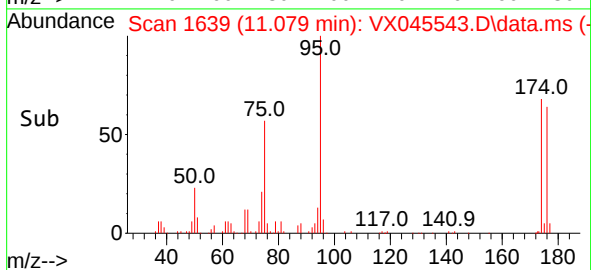
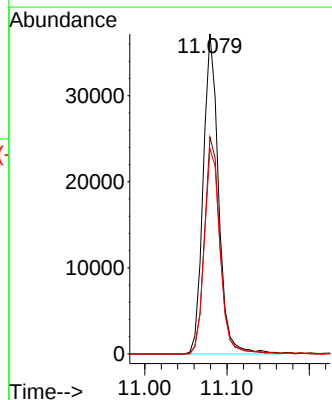
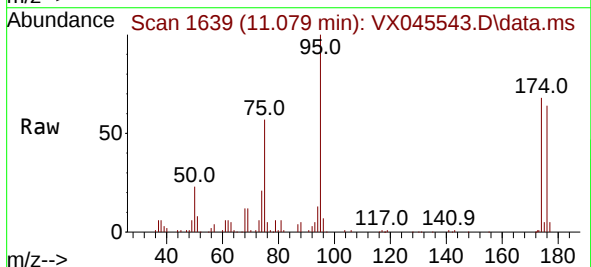
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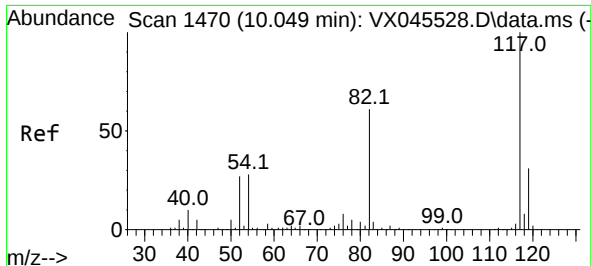
Tgt Ion: 98 Resp: 139408
Ion Ratio Lower Upper
98 100
100 65.3 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 48.318 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

Tgt Ion: 95 Resp: 48330
Ion Ratio Lower Upper
95 100
174 68.8 0.0 135.8
176 66.1 0.0 131.4

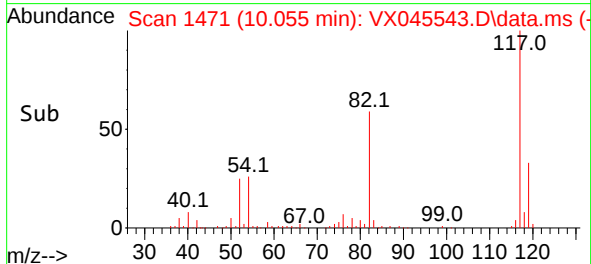
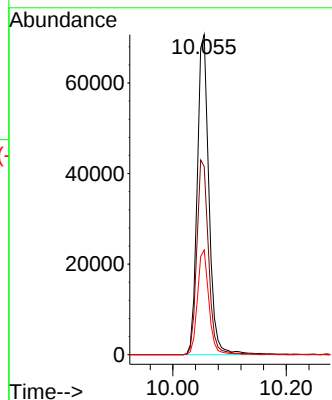
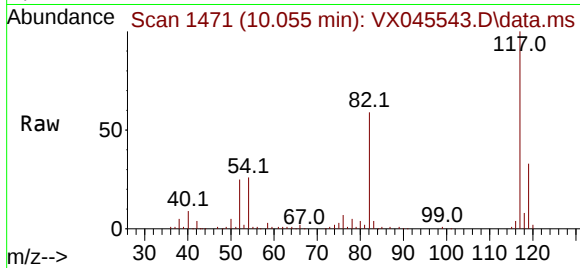




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

Instrument :
MSVOA_X
ClientSampleId :
IW-01-55-040125DL

Tgt Ion:117 Resp: 101352
Ion Ratio Lower Upper
117 100
82 58.8 49.2 73.8
119 32.7 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX045543.D
Acq: 02 Apr 2025 13:44

Tgt Ion:152 Resp: 38867
Ion Ratio Lower Upper
152 100
115 65.3 46.9 140.7
150 156.9 0.0 349.4

