

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040225\
 Data File : VX045551.D
 Acq On : 02 Apr 2025 16:51
 Operator : JC/MD
 Sample : Q1697-05 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IW-03-55-040125

Quant Time: Apr 03 01:55:11 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)

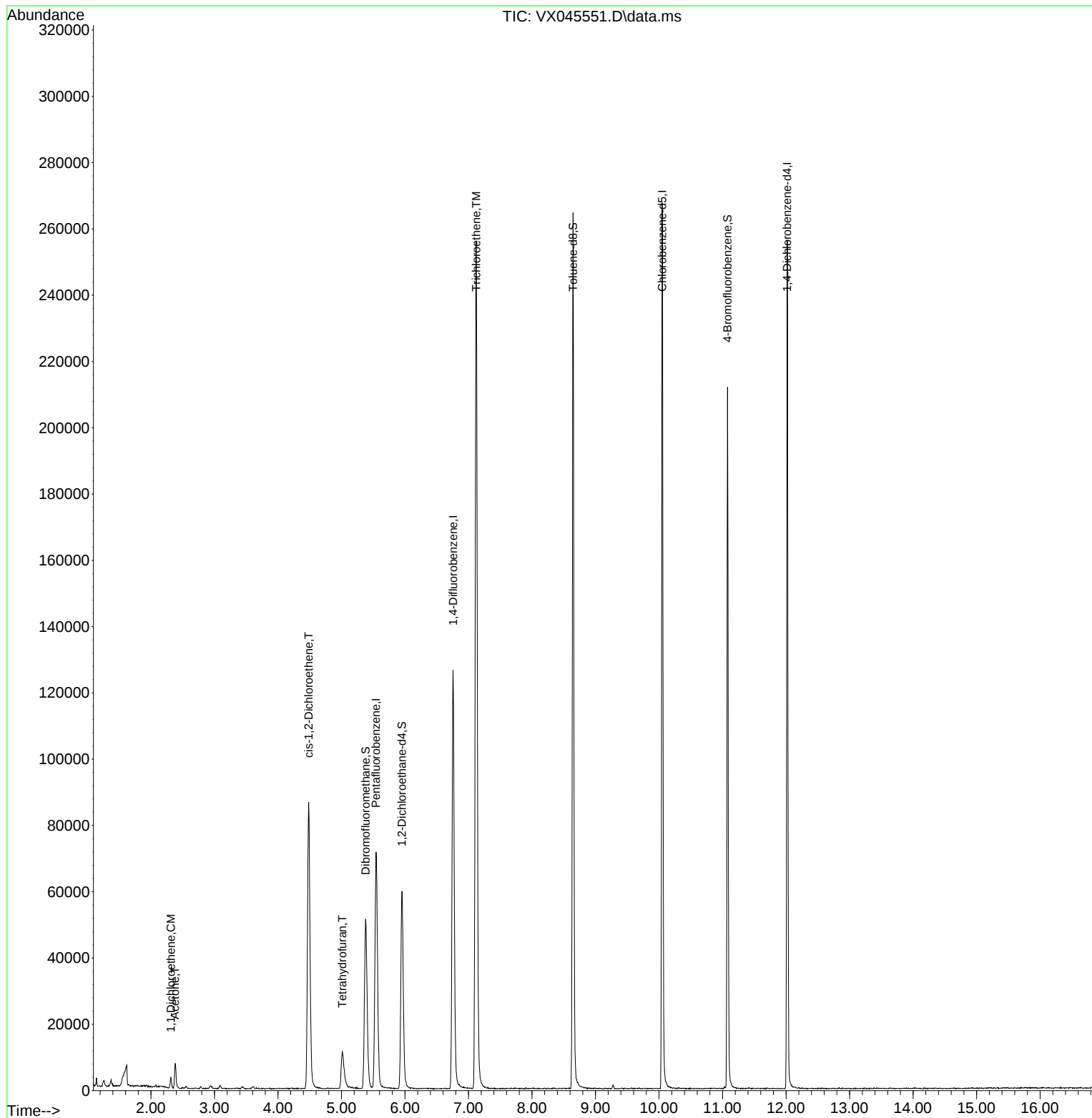
Internal Standards						
1) Pentafluorobenzene	5.544	168	61354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	118700	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	111274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	47106	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60332	53.772	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.540%	
35) Dibromofluoromethane	5.379	113	44335	52.643	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.280%	
50) Toluene-d8	8.647	98	149422	50.832	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.660%	
62) 4-Bromofluorobenzene	11.079	95	53791	50.238	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 100.480%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.313	96	831	1.128	ug/l	96
16) Acetone	2.380	43	8425	18.286	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	51568	56.250	ug/l	90
29) Tetrahydrofuran	5.013	42	11199	25.613	ug/l	97
44) Trichloroethene	7.123	130	92640	112.231	ug/l	98

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

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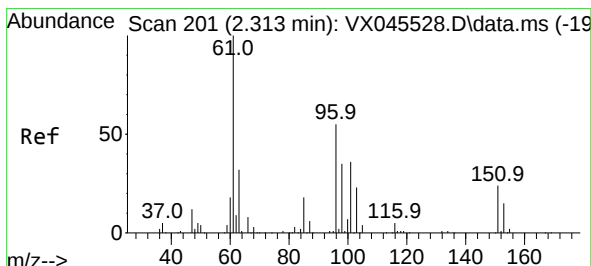
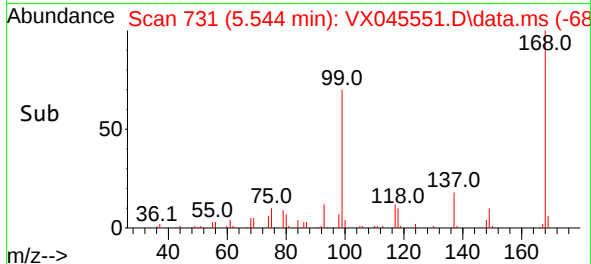
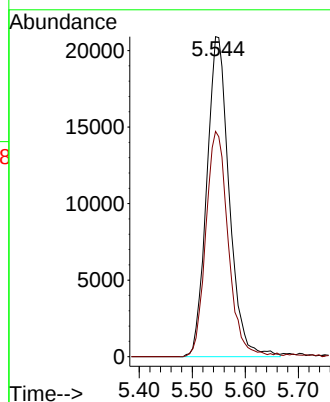
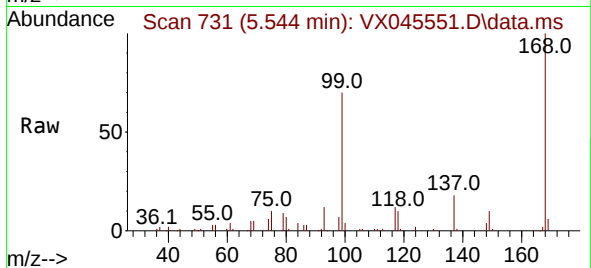




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.006 min
Lab File: VX045551.D
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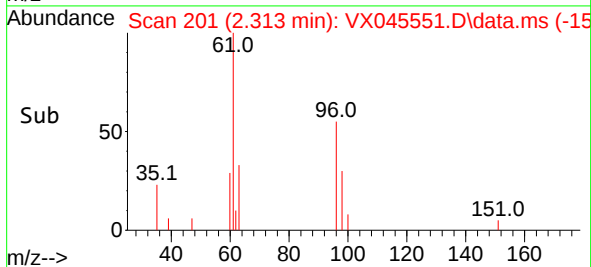
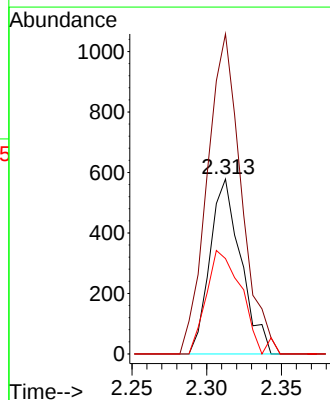
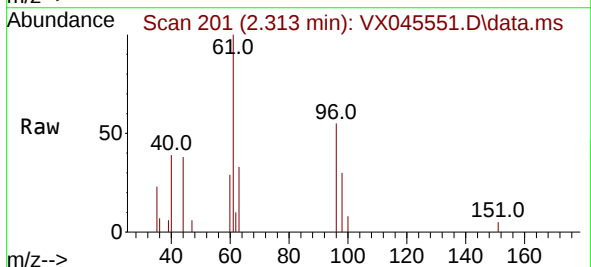
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

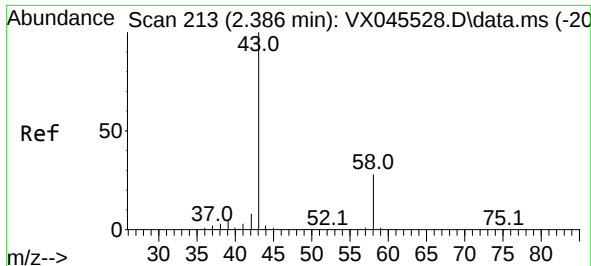
Tgt Ion:168 Resp: 61354
Ion Ratio Lower Upper
168 100
99 70.4 52.3 78.5



#12
1,1-Dichloroethene
Concen: 1.128 ug/l
RT: 2.313 min Scan# 201
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion: 96 Resp: 831
Ion Ratio Lower Upper
96 100
61 183.0 145.7 218.5
98 54.5 51.6 77.4

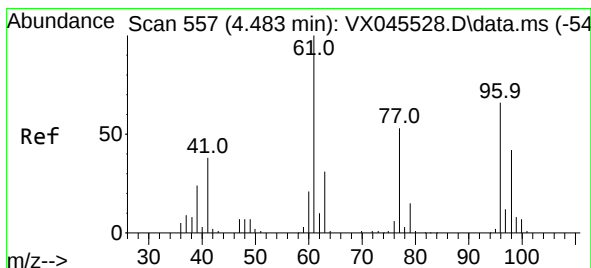
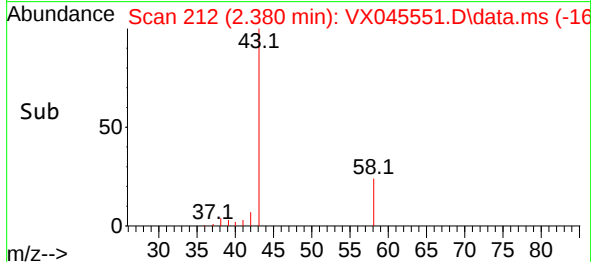
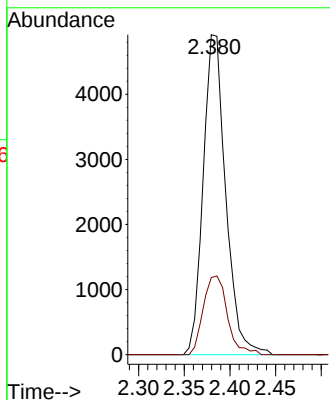
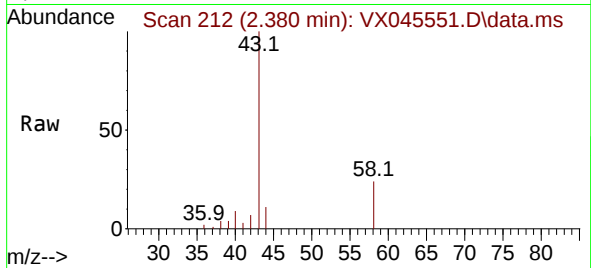




#16
Acetone
Concen: 18.286 ug/l
RT: 2.380 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

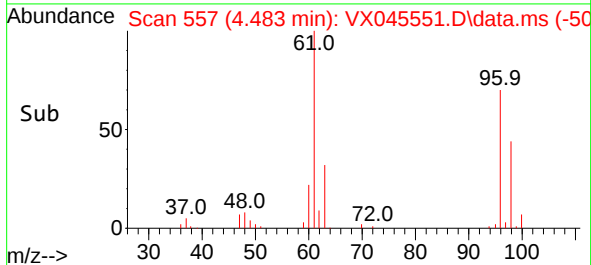
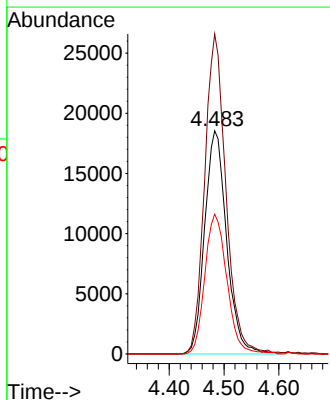
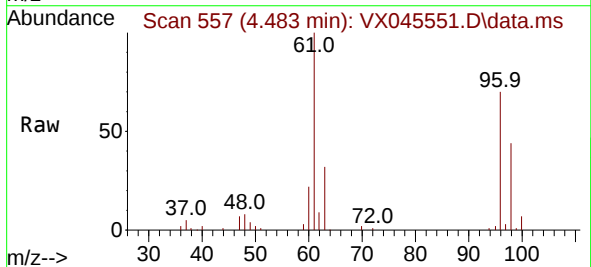
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

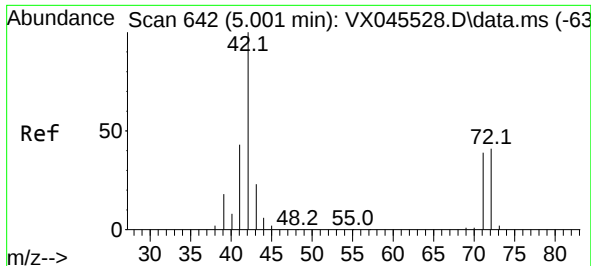
Tgt Ion: 43 Resp: 8425
Ion Ratio Lower Upper
43 100
58 24.1 22.3 33.5



#27
cis-1,2-Dichloroethene
Concen: 56.250 ug/l
RT: 4.483 min Scan# 557
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion: 96 Resp: 51568
Ion Ratio Lower Upper
96 100
61 138.3 0.0 313.2
98 62.8 0.0 126.4

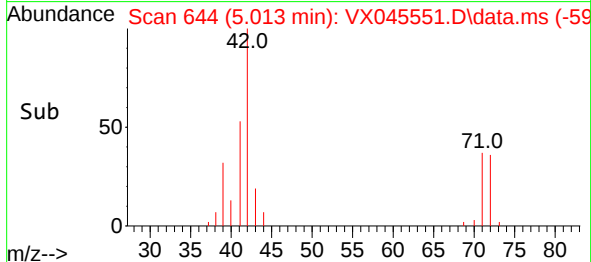
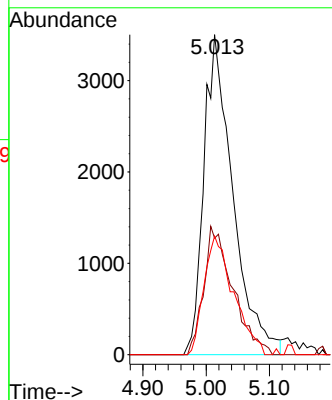
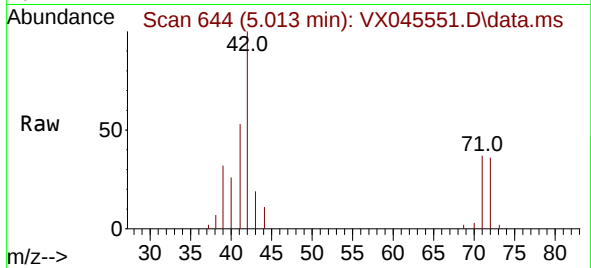




#29
Tetrahydrofuran
Concen: 25.613 ug/l
RT: 5.013 min Scan# 644
Delta R.T. 0.012 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

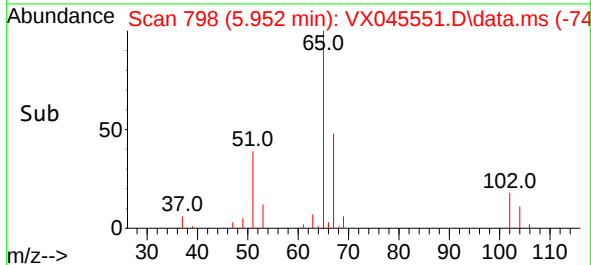
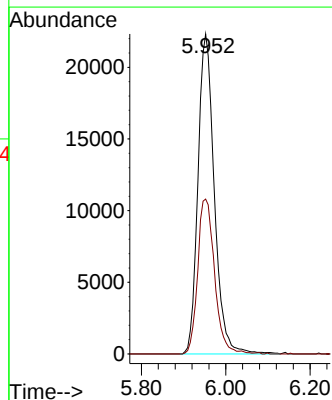
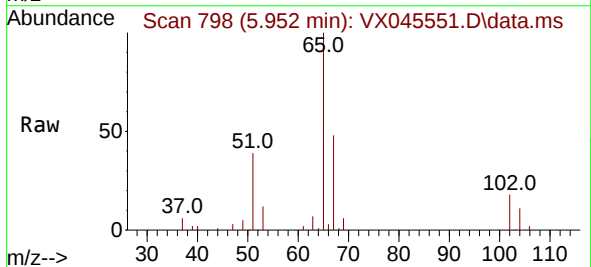
Instrument :
MSVOA_X
ClientSampleId :
IW-03-55-040125

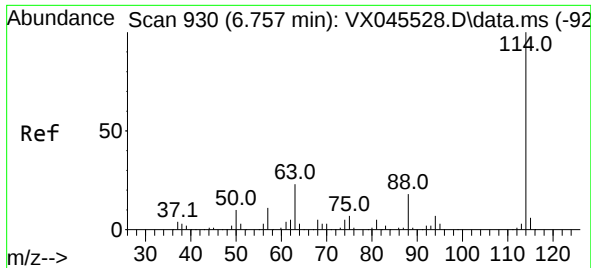
Tgt Ion: 42 Resp: 11199
Ion Ratio Lower Upper
42 100
72 40.0 33.4 50.0
71 37.7 31.4 47.0



#33
1,2-Dichloroethane-d4
Concen: 53.772 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion: 65 Resp: 60332
Ion Ratio Lower Upper
65 100
67 50.0 0.0 99.0

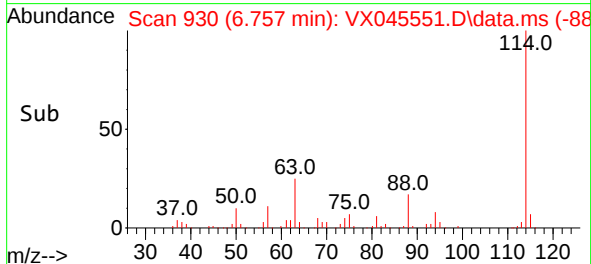
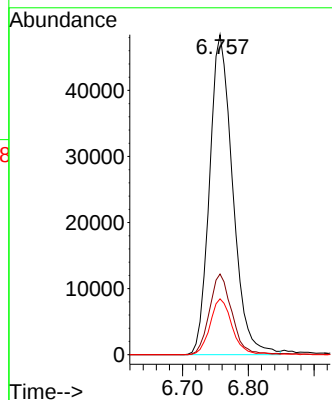
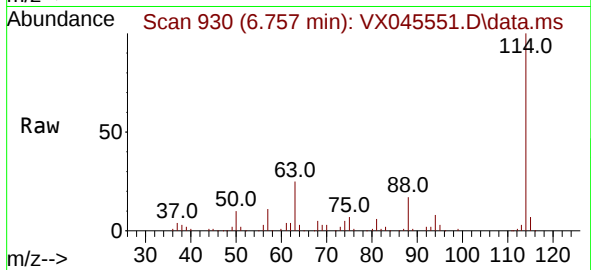




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

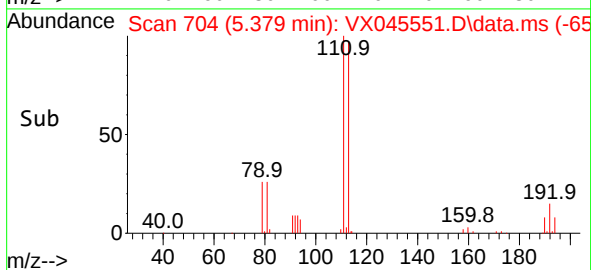
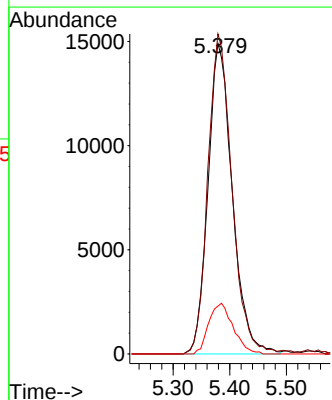
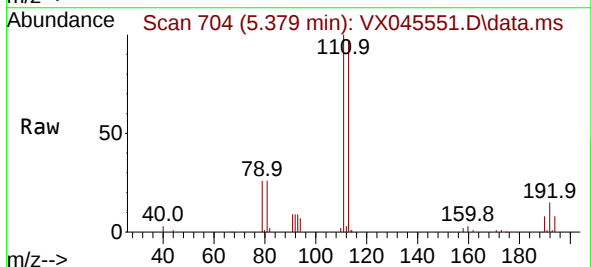
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ClientSampleId :
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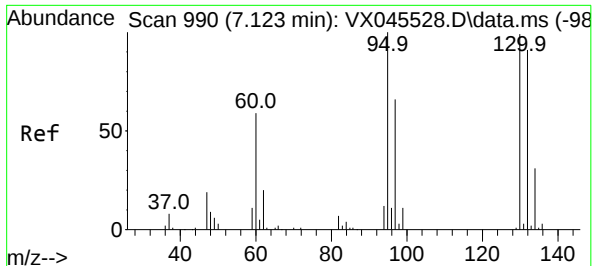
Tgt Ion:114 Resp: 118700
Ion Ratio Lower Upper
114 100
63 25.2 0.0 46.8
88 17.4 0.0 35.4



#35
Dibromofluoromethane
Concen: 52.643 ug/l
RT: 5.379 min Scan# 704
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion:113 Resp: 44335
Ion Ratio Lower Upper
113 100
111 102.0 81.8 122.6
192 16.4 13.8 20.6

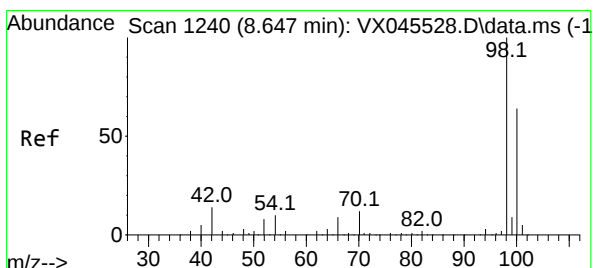
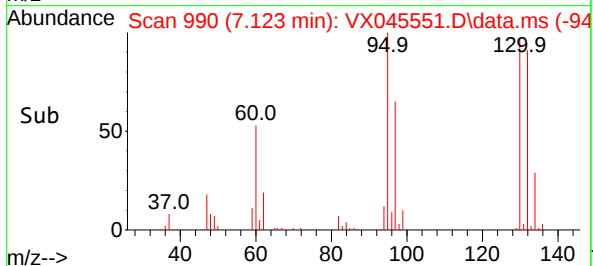
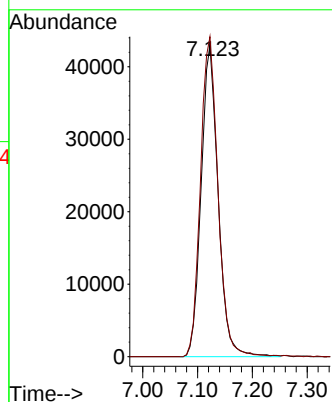
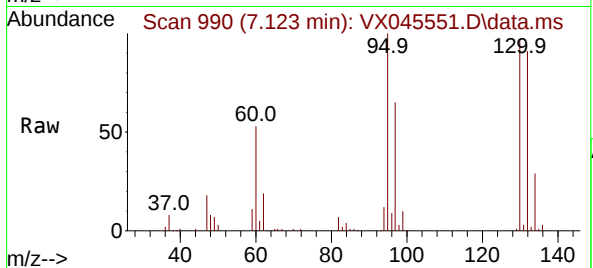




#44
Trichloroethene
Concen: 112.231 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

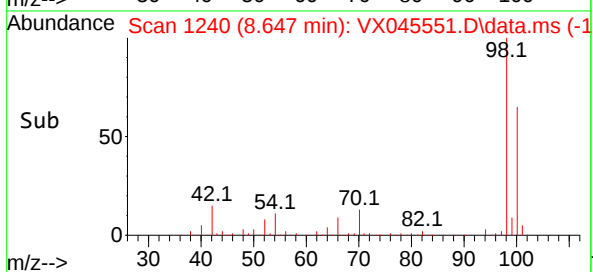
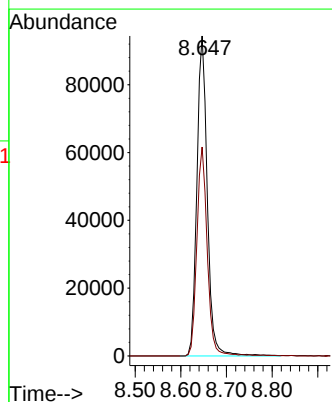
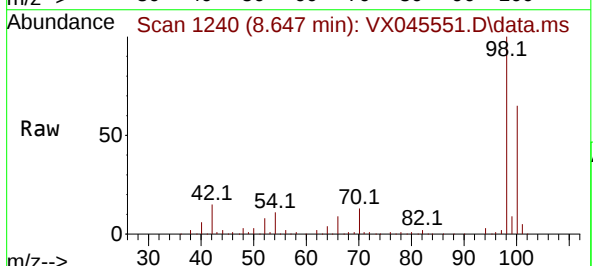
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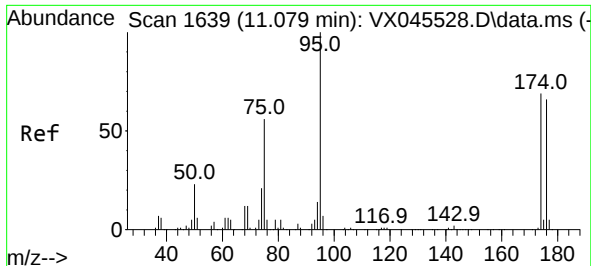
Tgt Ion:130 Resp: 92640
Ion Ratio Lower Upper
130 100
95 102.9 0.0 202.0



#50
Toluene-d8
Concen: 50.832 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion: 98 Resp: 149422
Ion Ratio Lower Upper
98 100
100 65.4 52.2 78.4

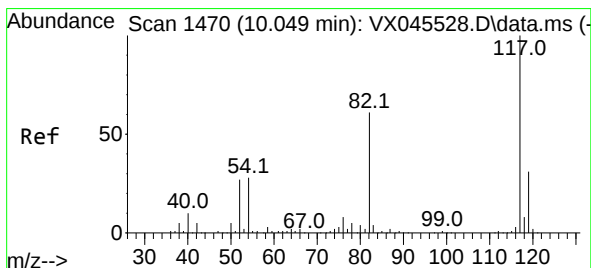
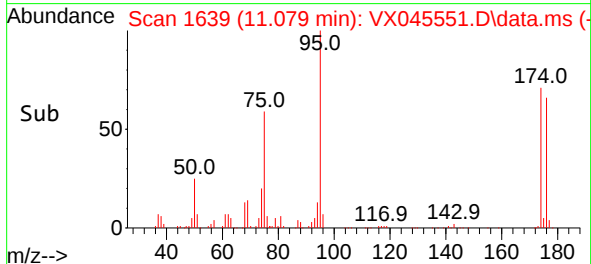
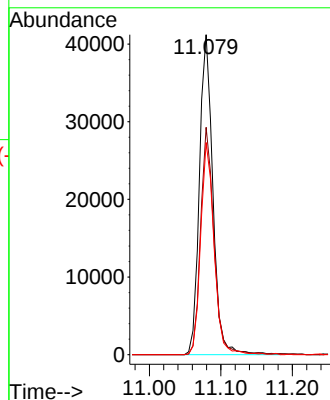
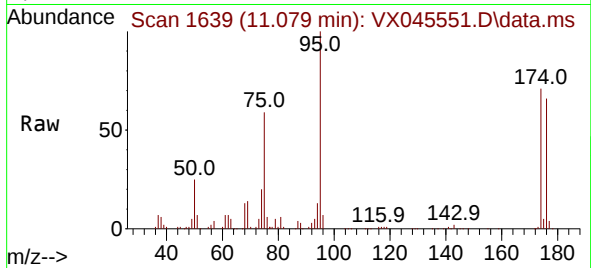




#62
4-Bromofluorobenzene
Concen: 50.238 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

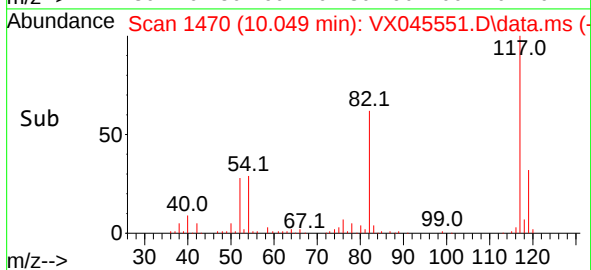
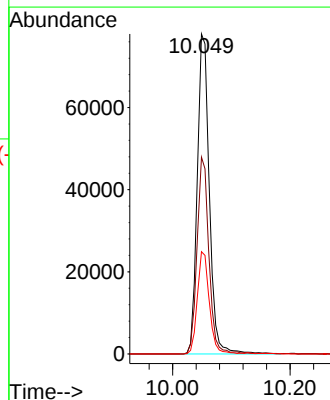
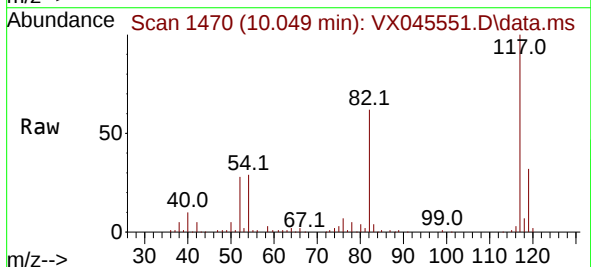
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Tgt Ion: 95 Resp: 53791
Ion Ratio Lower Upper
95 100
174 70.8 0.0 135.8
176 66.1 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045551.D
Acq: 02 Apr 2025 16:51

Tgt Ion: 117 Resp: 111274
Ion Ratio Lower Upper
117 100
82 61.5 49.2 73.8
119 32.0 25.1 37.7





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX045551.D

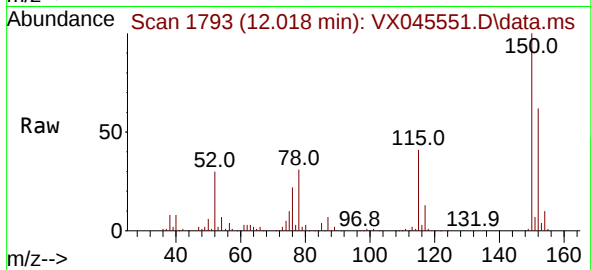
Acq: 02 Apr 2025 16:51

Instrument :

MSVOA_X

ClientSampleId :

IW-03-55-040125



Tgt Ion:152 Resp: 47106

Ion Ratio Lower Upper

152 100

115 64.4 46.9 140.7

150 157.5 0.0 349.4

