

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041125\
 Data File : VX045736.D
 Acq On : 11 Apr 2025 13:08
 Operator : JC/MD
 Sample : Q1773-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409

Quant Time: Apr 11 23:04:35 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)

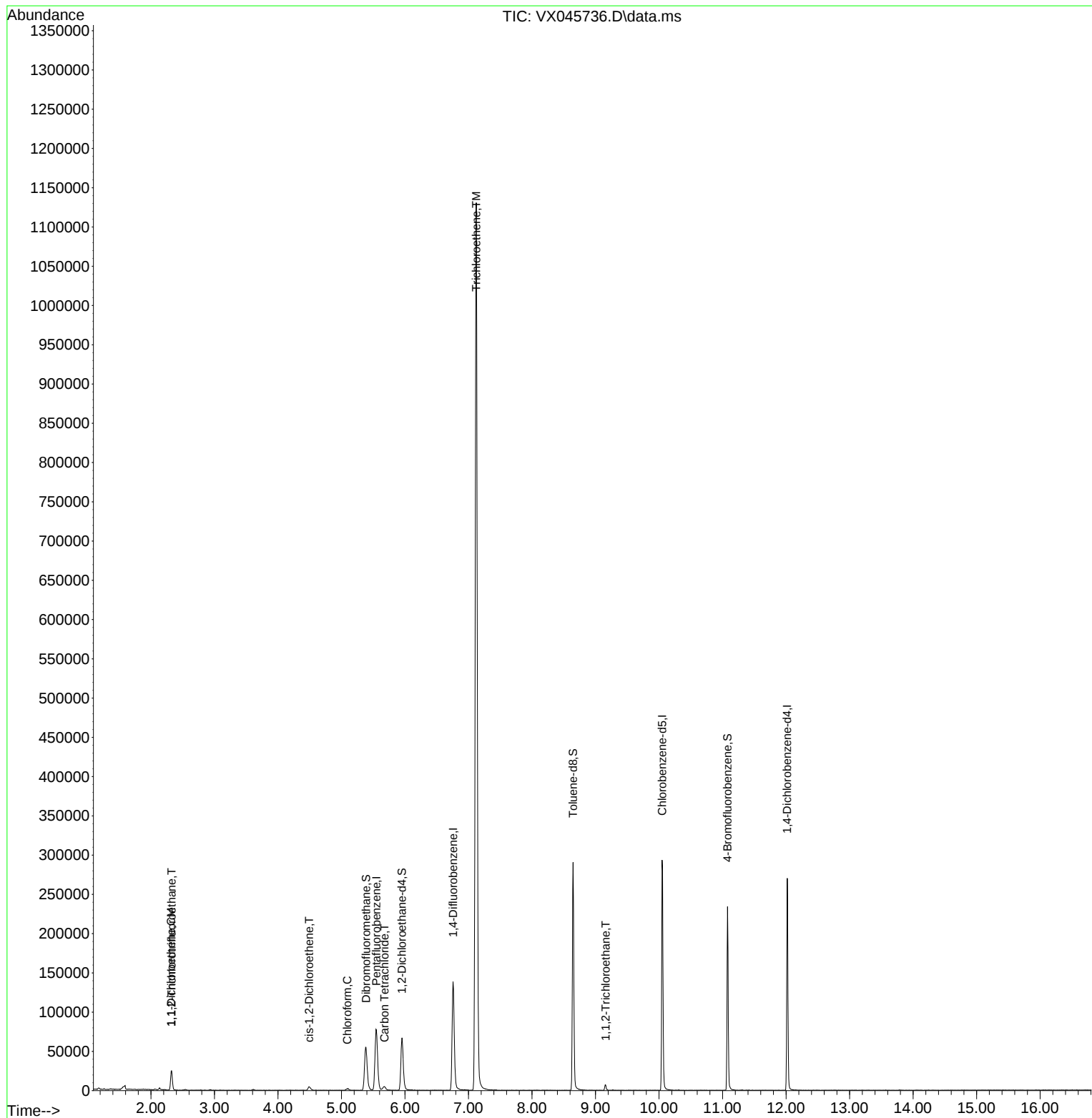
Internal Standards						
1) Pentafluorobenzene	5.550	168	67136	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	131053	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	48475	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66855	54.454	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.900%	
35) Dibromofluoromethane	5.385	113	47739	51.342	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.680%	
50) Toluene-d8	8.647	98	164412	50.659	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.320%	
62) 4-Bromofluorobenzene	11.079	95	61082	51.670	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 103.340%	
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.325	101	7245	8.784	ug/l	95
12) 1,1-Dichloroethene	2.318	96	2974	3.690	ug/l	89
27) cis-1,2-Dichloroethene	4.489	96	2777	2.768	ug/l	89
30) Chloroform	5.092	83	2443	1.394	ug/l	97
38) Carbon Tetrachloride	5.678	117	4109	3.028	ug/l #	80
44) Trichloroethene	7.122	130	404492	443.842	ug/l	94
55) 1,1,2-Trichloroethane	9.159	97	2023	2.188	ug/l	91

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

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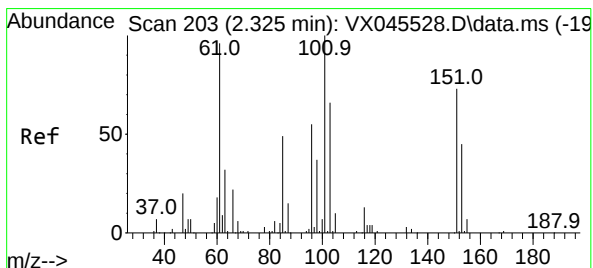
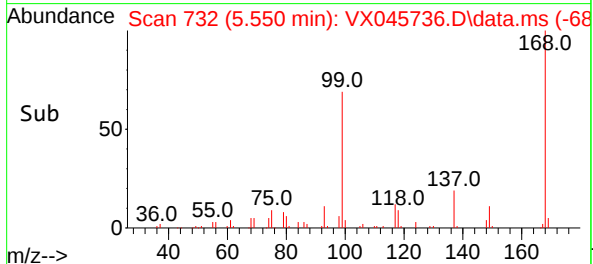
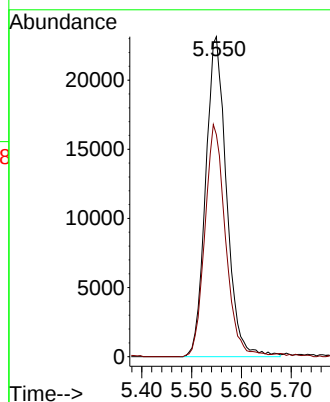
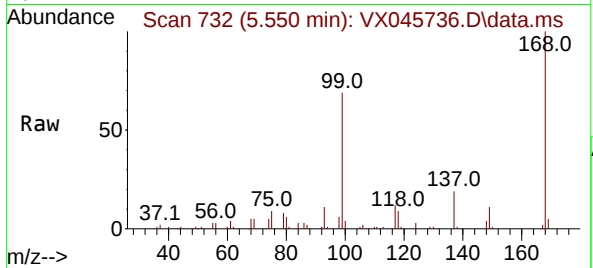




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

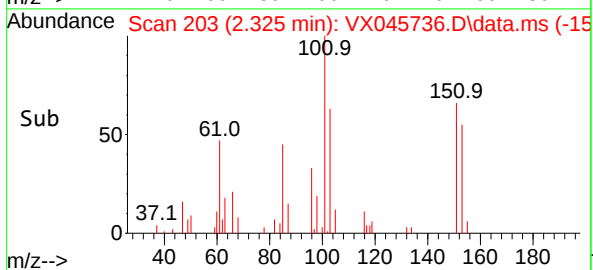
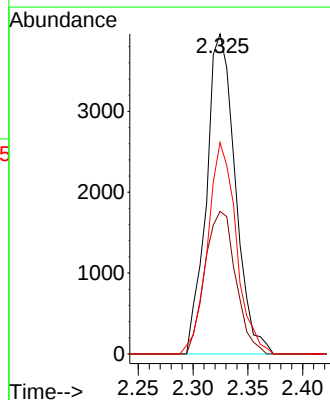
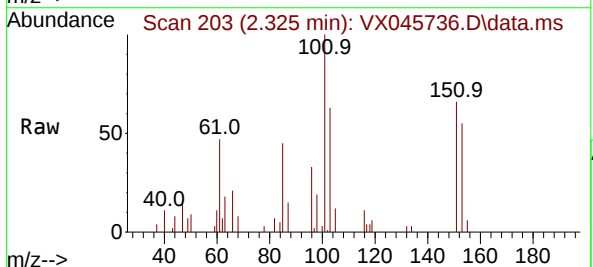
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

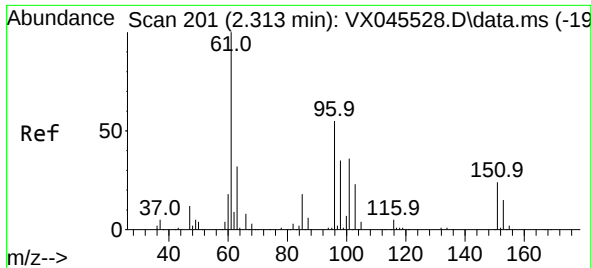
Tgt Ion:168 Resp: 67136
Ion Ratio Lower Upper
168 100
99 69.4 52.3 78.5



#9
1,1,2-Trichlorotrifluoroethane
Concen: 8.784 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion:101 Resp: 7245
Ion Ratio Lower Upper
101 100
85 47.5 38.9 58.3
151 65.6 57.5 86.3



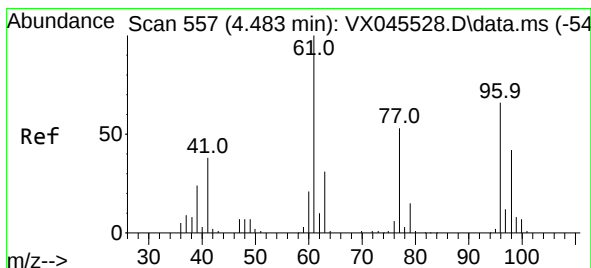
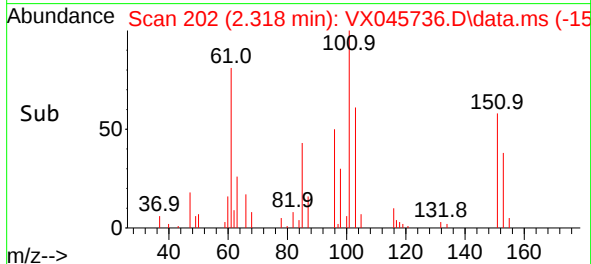
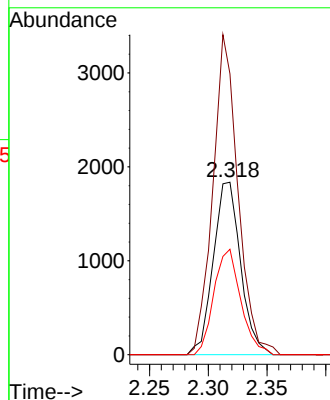
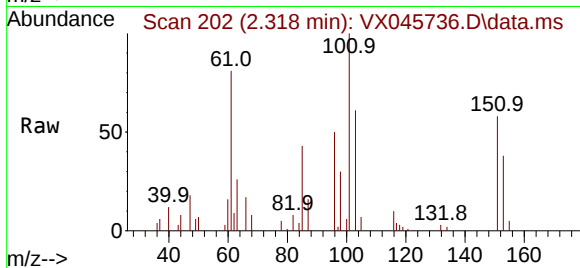


#12
 1,1-Dichloroethene
 Concen: 3.690 ug/l
 RT: 2.318 min Scan# 201
 Delta R.T. 0.006 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409

Tgt Ion: 96 Resp: 2974

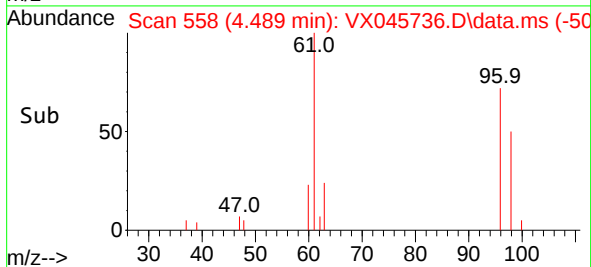
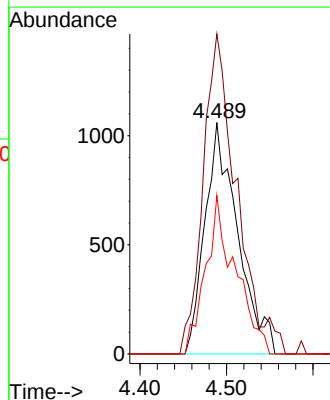
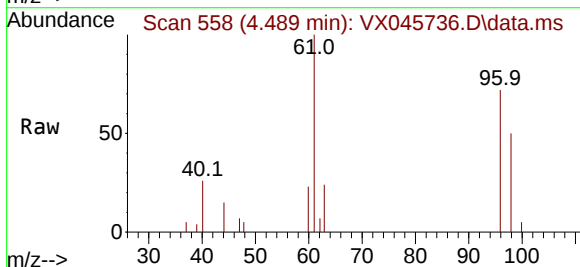
Ion	Ratio	Lower	Upper
96	100		
61	162.8	145.7	218.5
98	61.1	51.6	77.4

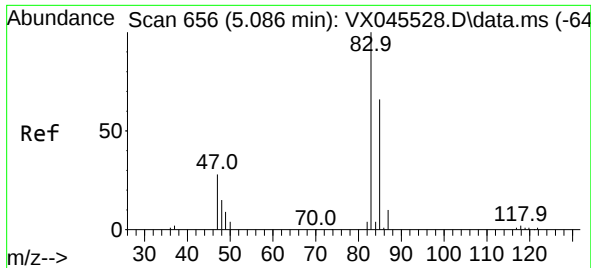


#27
 cis-1,2-Dichloroethene
 Concen: 2.768 ug/l
 RT: 4.489 min Scan# 558
 Delta R.T. 0.006 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Tgt Ion: 96 Resp: 2777

Ion	Ratio	Lower	Upper
96	100		
61	137.3	0.0	313.2
98	62.5	0.0	126.4

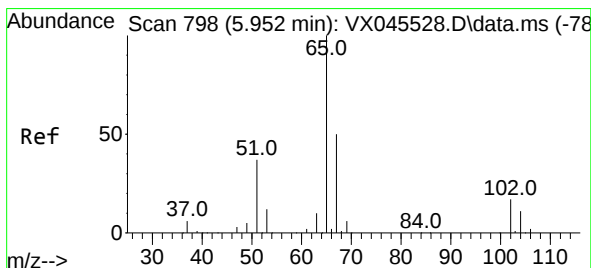
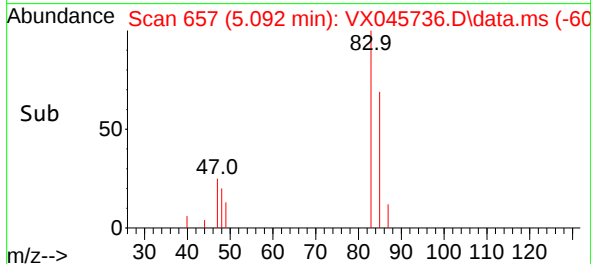
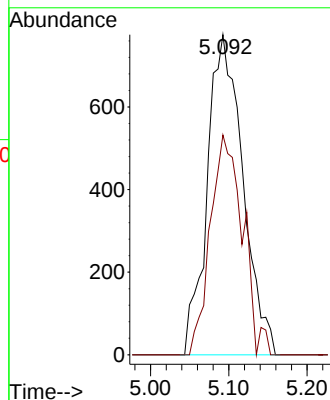
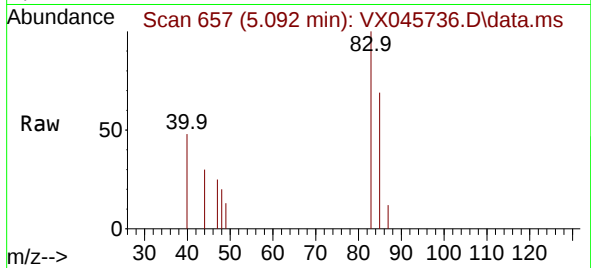




#30
Chloroform
Concen: 1.394 ug/l
RT: 5.092 min Scan# 61
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

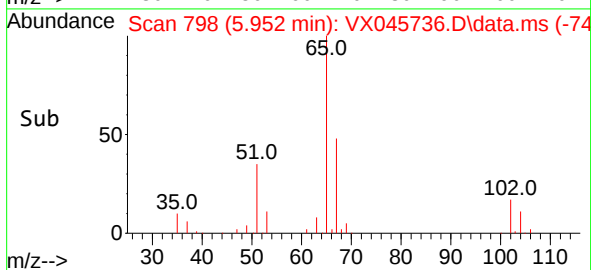
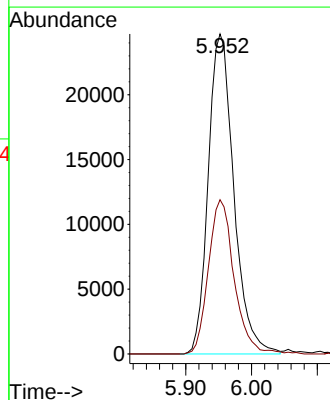
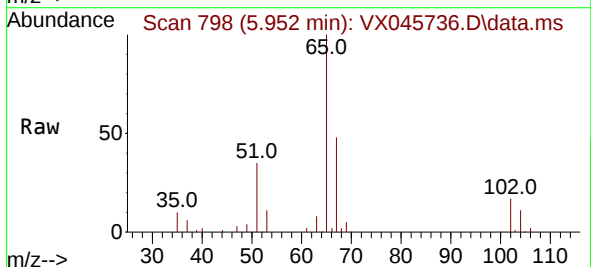
Instrument :
MSVOA_X
ClientSampleId :
BP-TT190D1-GW-20250409

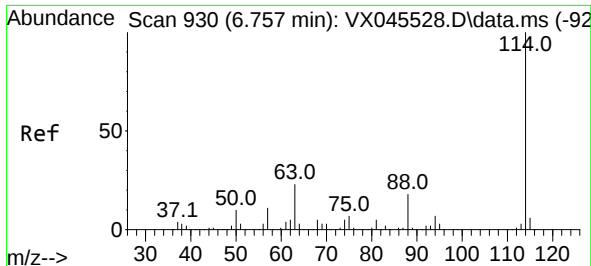
Tgt Ion: 83 Resp: 2443
Ion Ratio Lower Upper
83 100
85 68.6 52.8 79.2



#33
1,2-Dichloroethane-d4
Concen: 54.454 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 65 Resp: 66855
Ion Ratio Lower Upper
65 100
67 48.6 0.0 99.0

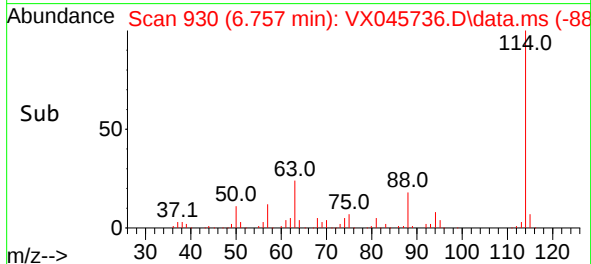
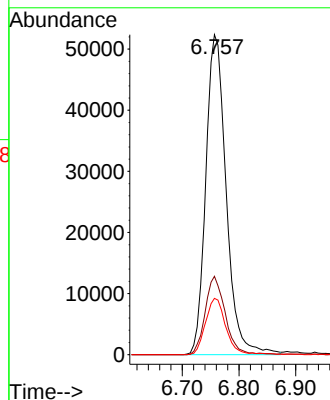
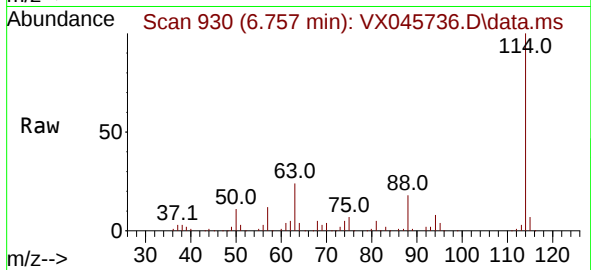




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

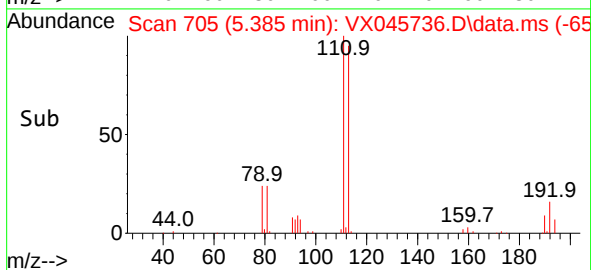
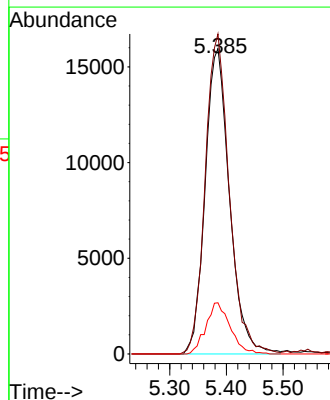
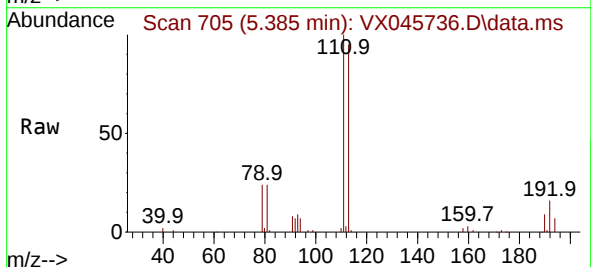
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ClientSampleId :
BP-TT190D1-GW-20250409

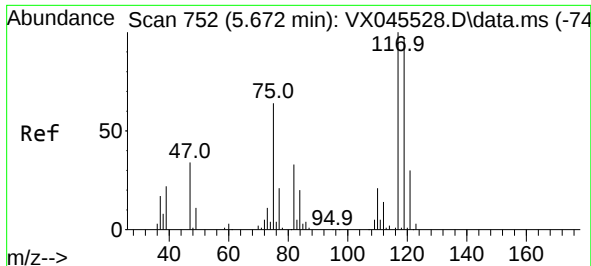
Tgt Ion:114 Resp: 131053
Ion Ratio Lower Upper
114 100
63 24.5 0.0 46.8
88 17.6 0.0 35.4



#35
Dibromofluoromethane
Concen: 51.342 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion:113 Resp: 47739
Ion Ratio Lower Upper
113 100
111 103.2 81.8 122.6
192 16.7 13.8 20.6

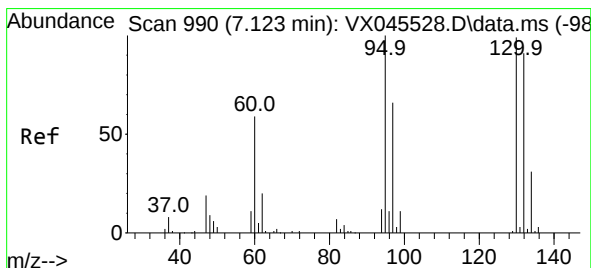
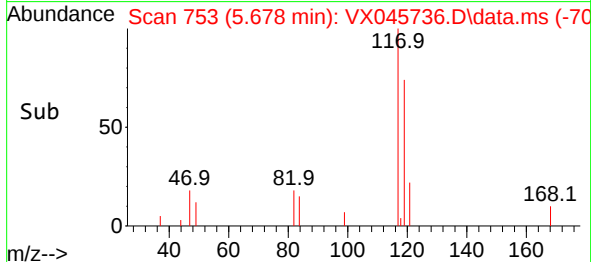
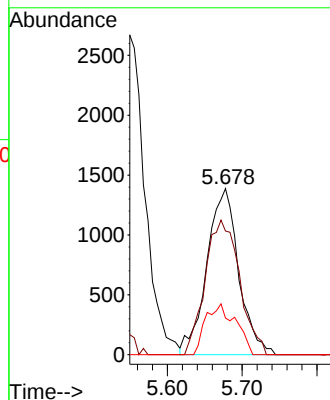
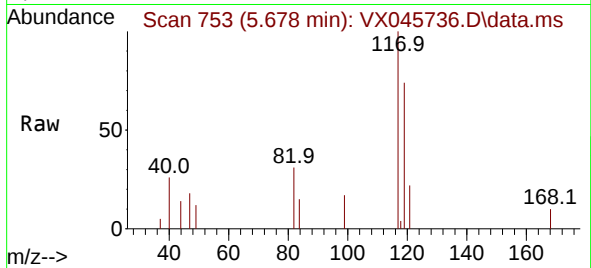




#38
Carbon Tetrachloride
Concen: 3.028 ug/l
RT: 5.678 min Scan# 752
Delta R.T. 0.006 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

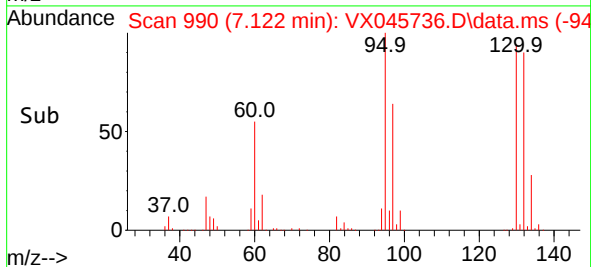
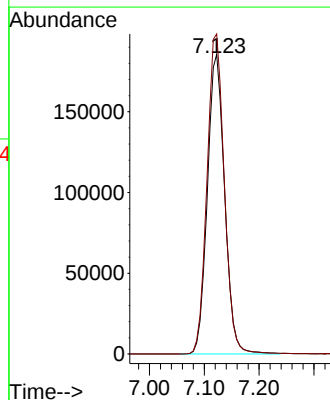
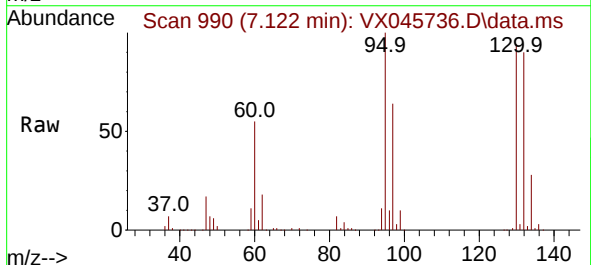
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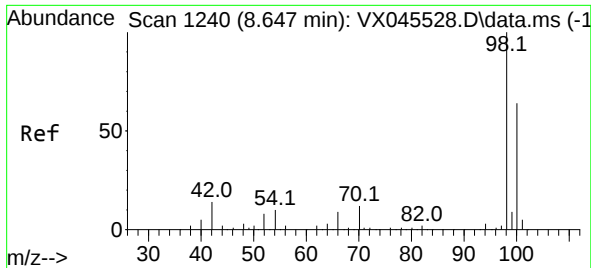
Tgt Ion:117 Resp: 4109
Ion Ratio Lower Upper
117 100
119 74.5 76.9 115.3#
121 22.1 24.2 36.2#



#44
Trichloroethene
Concen: 443.842 ug/l
RT: 7.122 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion:130 Resp: 404492
Ion Ratio Lower Upper
130 100
95 106.8 0.0 202.0

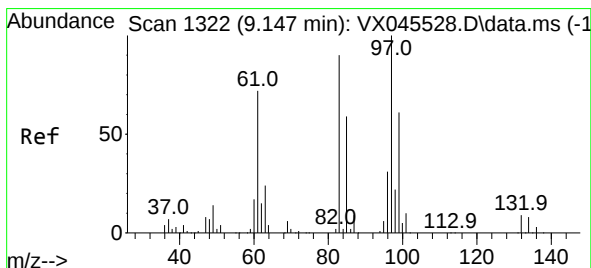
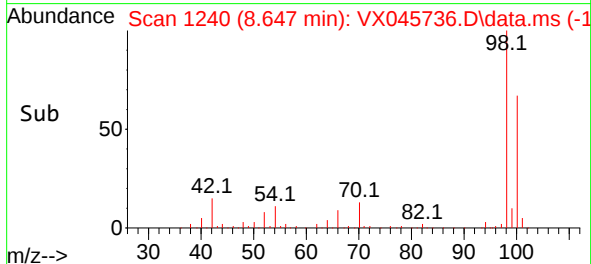
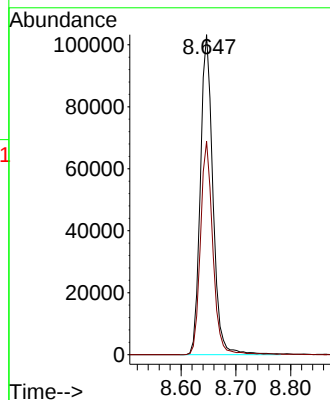
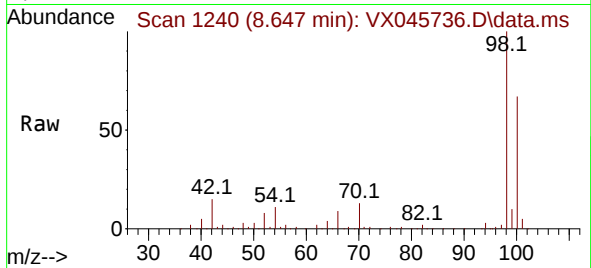




#50
Toluene-d8
Concen: 50.659 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

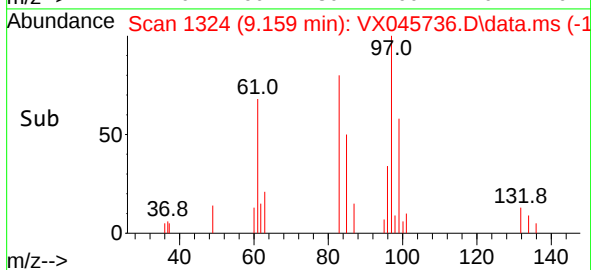
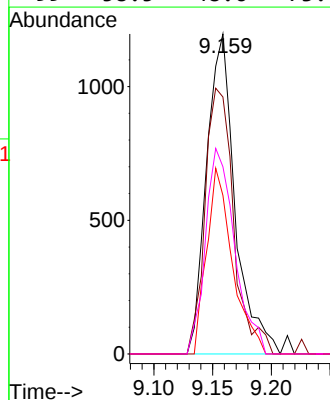
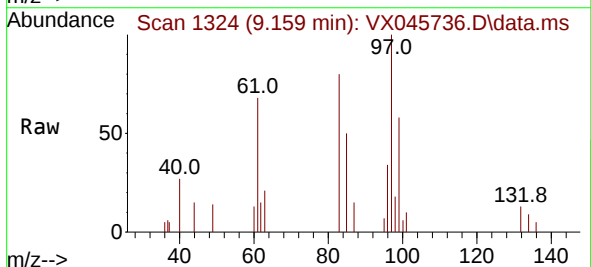
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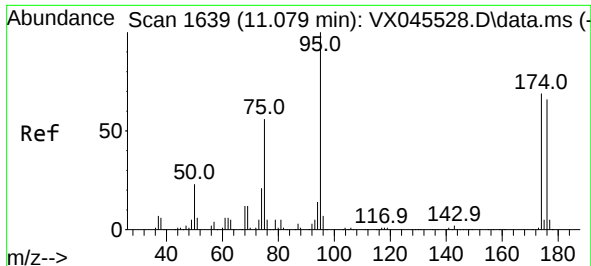
Tgt Ion: 98 Resp: 164412
Ion Ratio Lower Upper
98 100
100 65.7 52.2 78.4



#55
1,1,2-Trichloroethane
Concen: 2.188 ug/l
RT: 9.159 min Scan# 1324
Delta R.T. 0.012 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

Tgt Ion: 97 Resp: 2023
Ion Ratio Lower Upper
97 100
83 80.3 71.8 107.8
85 49.5 47.0 70.6
99 58.5 48.6 73.0

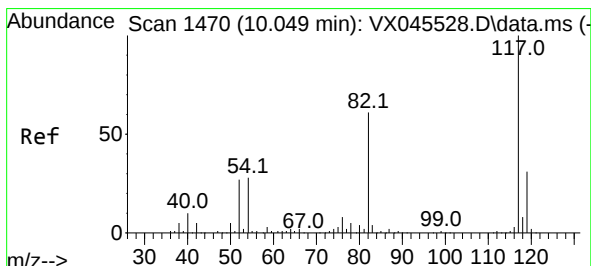
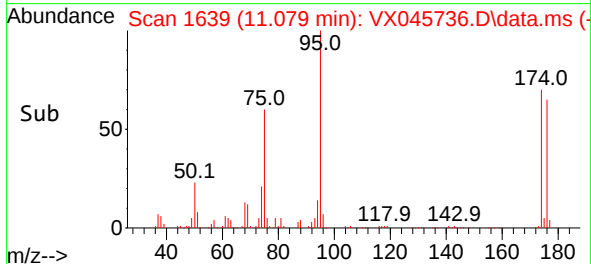
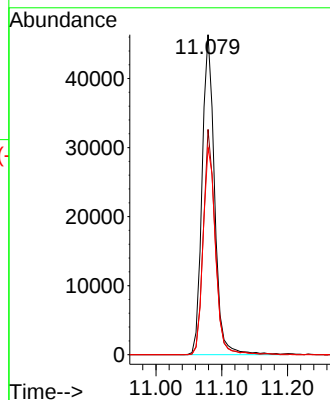
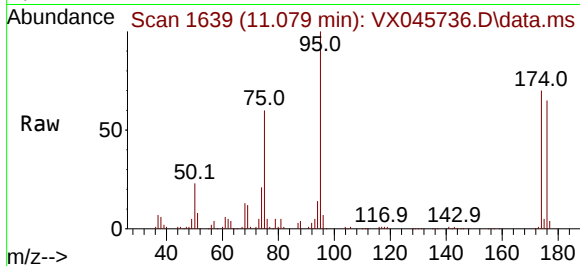




#62
4-Bromofluorobenzene
Concen: 51.670 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

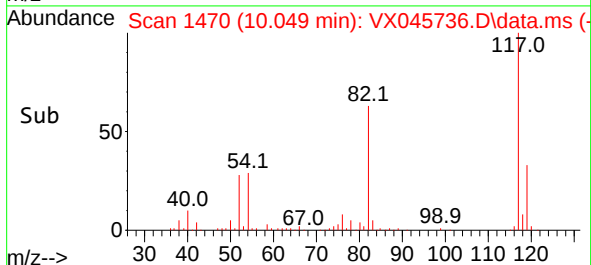
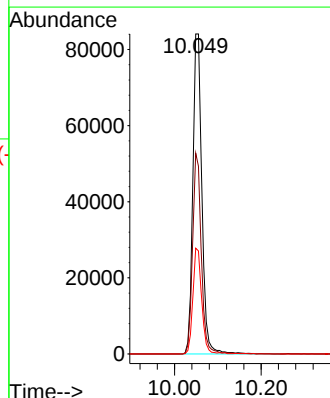
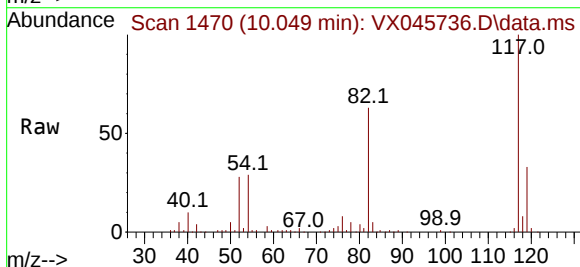
Instrument :
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BP-TT190D1-GW-20250409

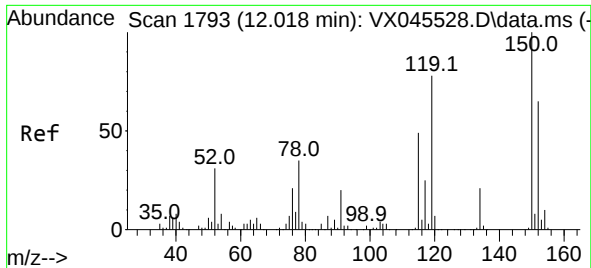
Tgt Ion: 95 Resp: 61082
Ion Ratio Lower Upper
95 100
174 66.7 0.0 135.8
176 64.7 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX045736.D
Acq: 11 Apr 2025 13:08

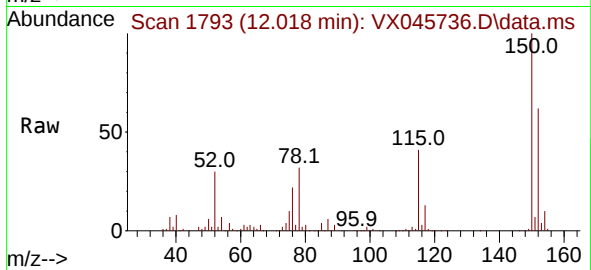
Tgt Ion: 117 Resp: 122019
Ion Ratio Lower Upper
117 100
82 62.7 49.2 73.8
119 33.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX045736.D
 Acq: 11 Apr 2025 13:08

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-TT190D1-GW-20250409



Tgt Ion:152 Resp: 48475
 Ion Ratio Lower Upper
 152 100
 115 67.3 46.9 140.7
 150 161.6 0.0 349.4

