

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035997.D
 Acq On : 05 Jun 2023 12:35
 Operator : JC/MD
 Sample : 03022-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-578-580

Quant Time: Jun 06 06:43:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

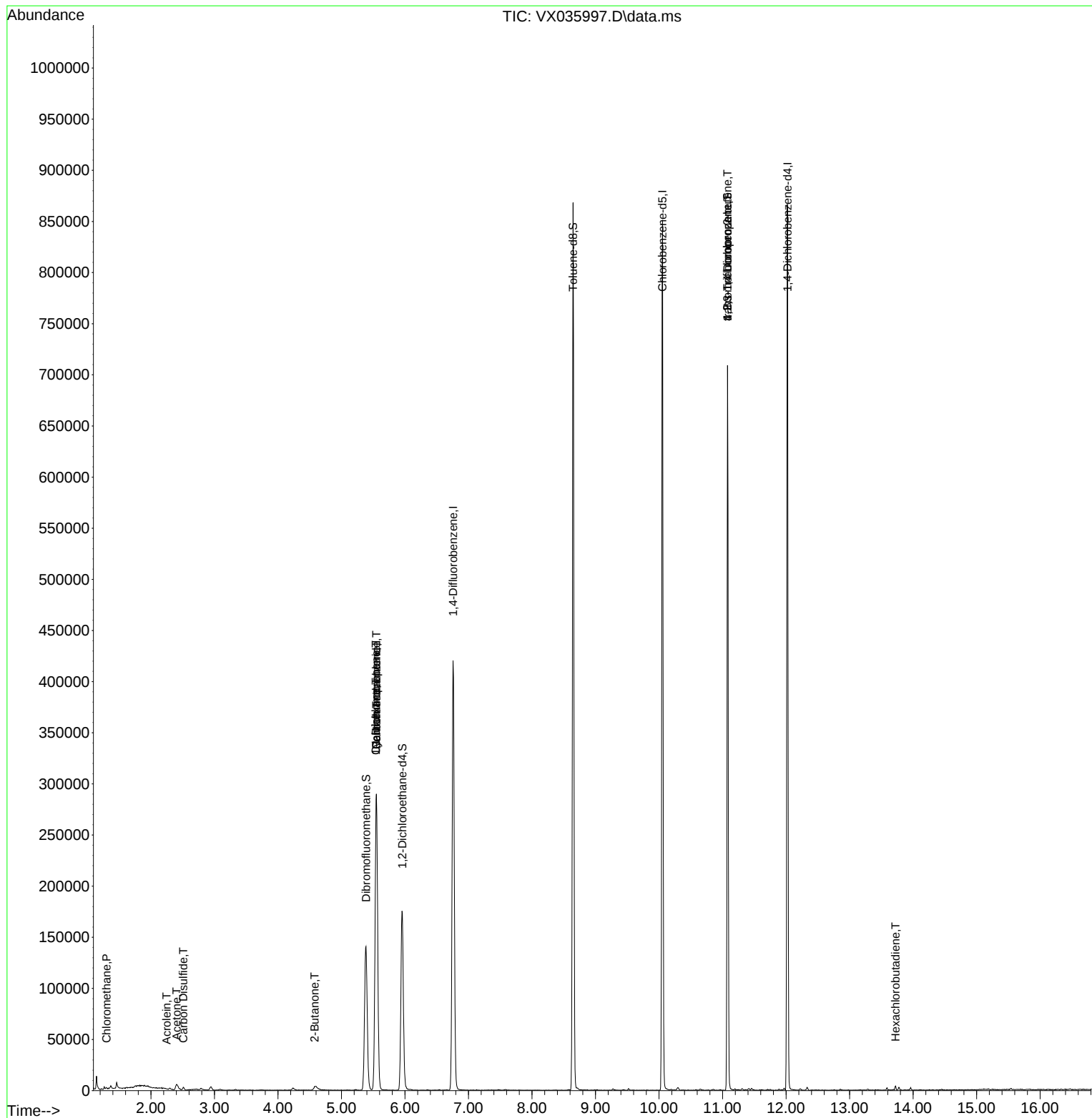
Internal Standards						
1) Pentafluorobenzene	5.550	168	246576	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	406081	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	368334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	174493	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181135	45.238	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	90.480%	
35) Dibromofluoromethane	5.385	113	122889	44.993	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	89.980%	
50) Toluene-d8	8.647	98	478618	48.827	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	97.660%	
62) 4-Bromofluorobenzene	11.079	95	189178	48.889	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	97.780%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	879	0.285	ug/l	90
13) Acrolein	2.245	56	225	0.328	ug/l	91
16) Acetone	2.404	43	9899	5.993	ug/l #	89
17) Carbon Disulfide	2.508	76	3004	0.485	ug/l	98
25) 2-Butanone	4.574	43	983	0.416	ug/l	94
31) Cyclohexane	5.544	56	6806	1.623	ug/l #	21
36) 1,1-Dichloropropene	5.544	75	23734	6.517	ug/l #	51
38) Carbon Tetrachloride	5.550	117	29307	8.258	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	99227	25.213	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	99227	84.925	ug/l #	3
94) Hexachlorobutadiene	13.725	225	629	0.497	ug/l	92

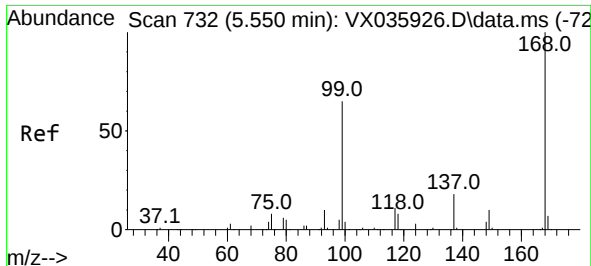
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 06 06:43:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration

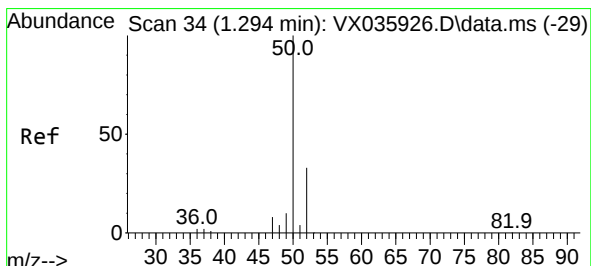
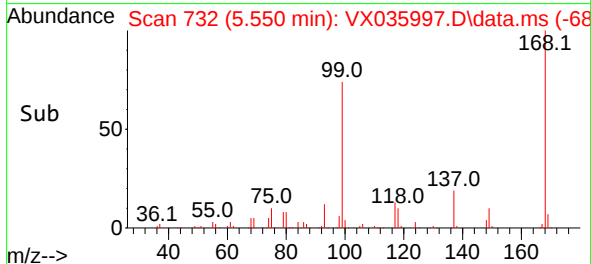
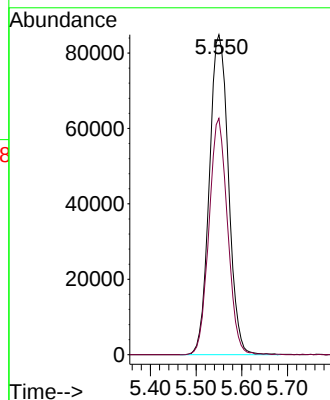
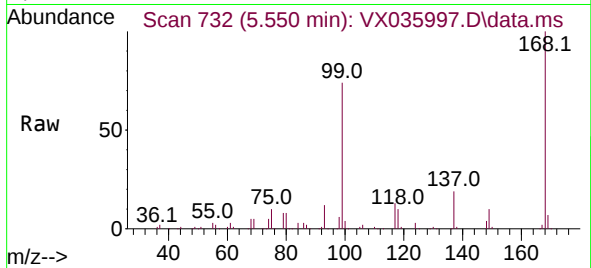




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

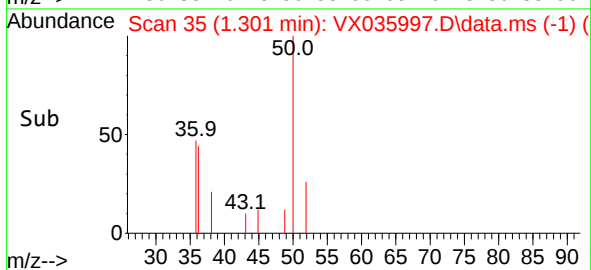
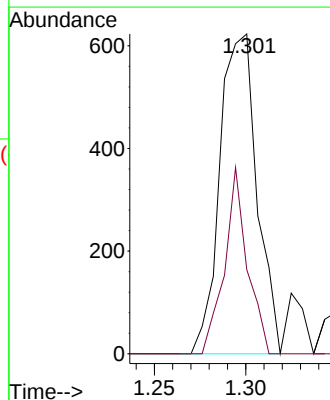
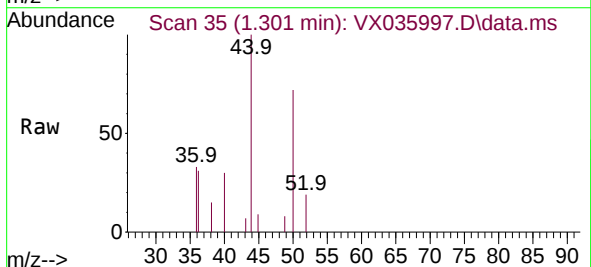
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

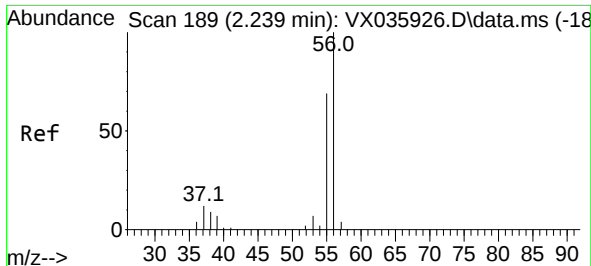
Tgt Ion:168 Resp: 246576
Ion Ratio Lower Upper
168 100
99 73.9 57.0 85.6



#3
Chloromethane
Concen: 0.285 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 50 Resp: 879
Ion Ratio Lower Upper
50 100
52 26.3 25.4 38.2

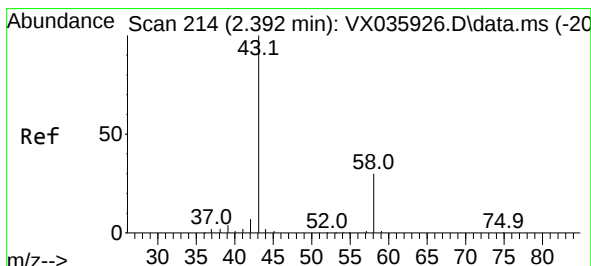
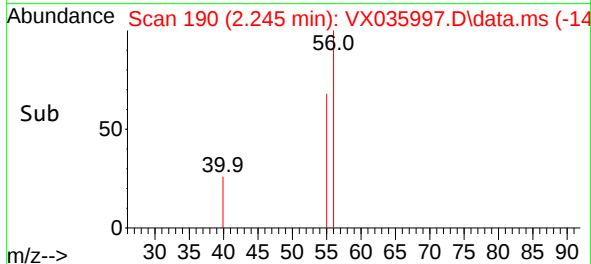
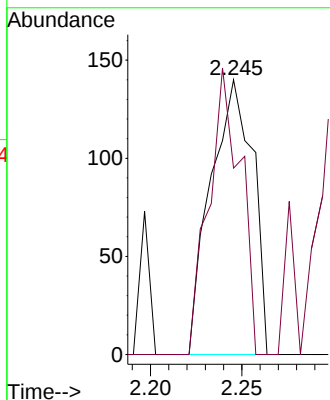
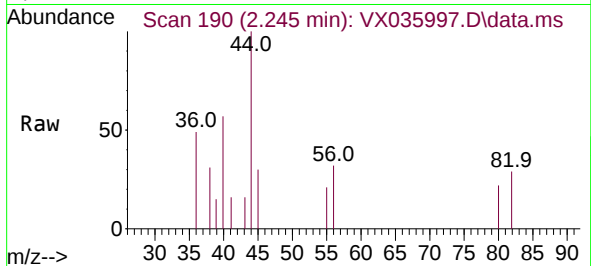




#13
Acrolein
Concen: 0.328 ug/l
RT: 2.245 min Scan# 189
Delta R.T. 0.006 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

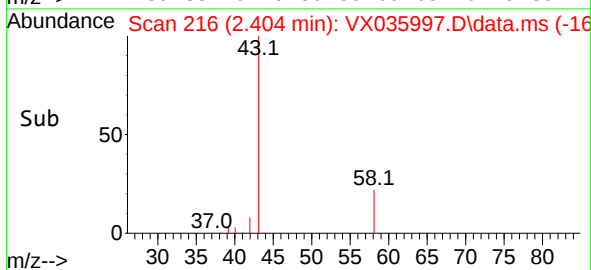
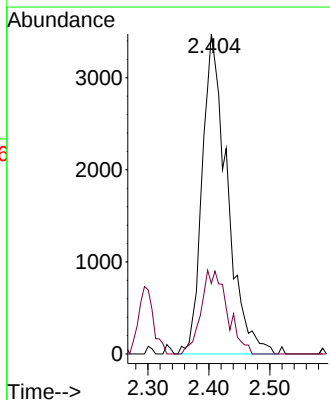
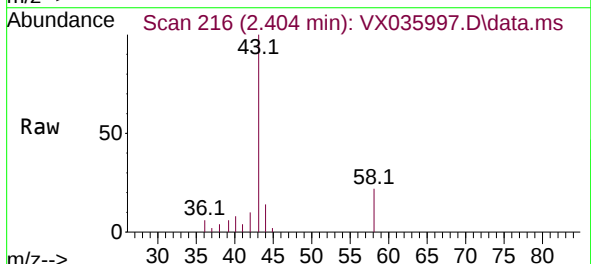
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

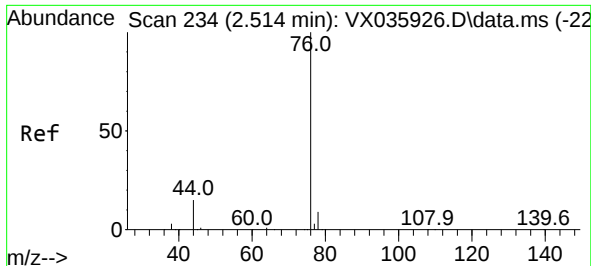
Tgt Ion: 56 Resp: 225
Ion Ratio Lower Upper
56 100
55 78.7 57.3 85.9



#16
Acetone
Concen: 5.993 ug/l
RT: 2.404 min Scan# 216
Delta R.T. 0.013 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 43 Resp: 9899
Ion Ratio Lower Upper
43 100
58 22.1 22.2 33.2#

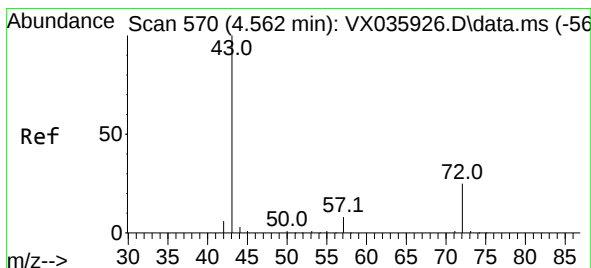
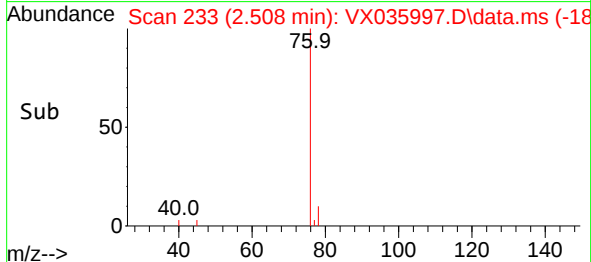
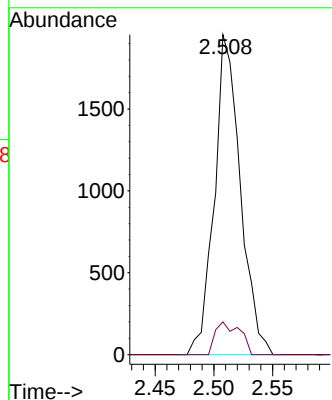
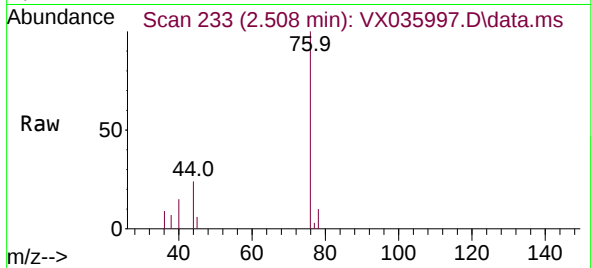




#17
Carbon Disulfide
Concen: 0.485 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.005 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

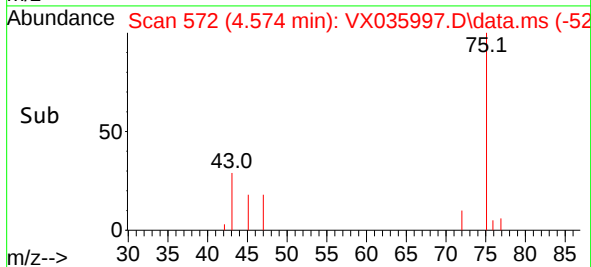
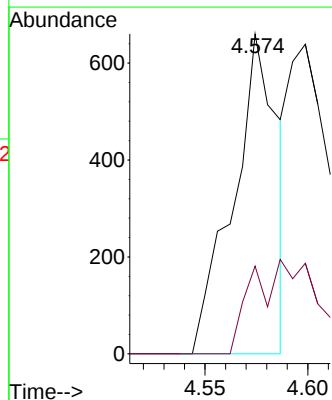
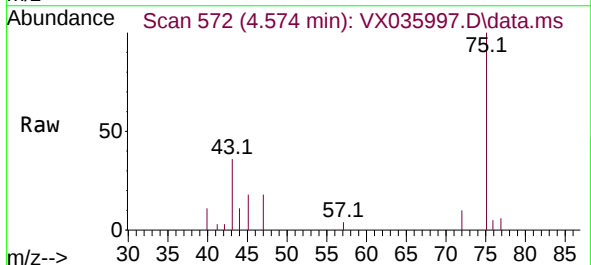
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

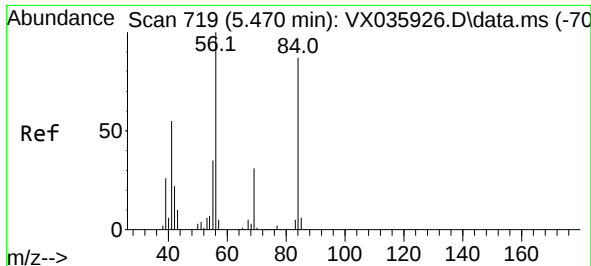
Tgt Ion: 76 Resp: 3004
Ion Ratio Lower Upper
76 100
78 10.2 7.6 11.4



#25
2-Butanone
Concen: 0.416 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

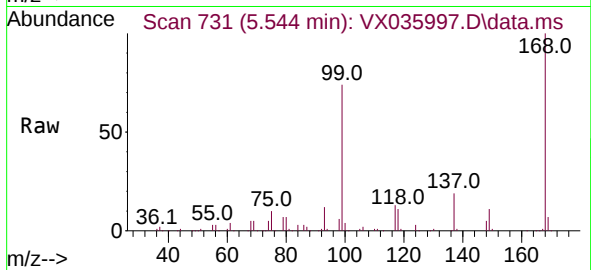
Tgt Ion: 43 Resp: 983
Ion Ratio Lower Upper
43 100
72 27.4 19.4 29.2



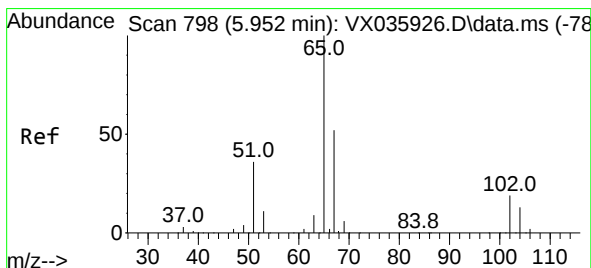
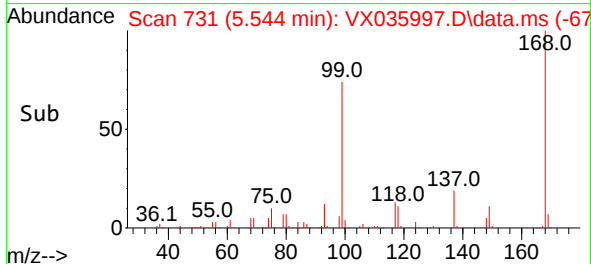
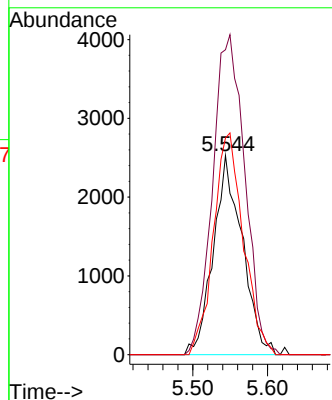


#31
Cyclohexane
Concen: 1.623 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.074 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

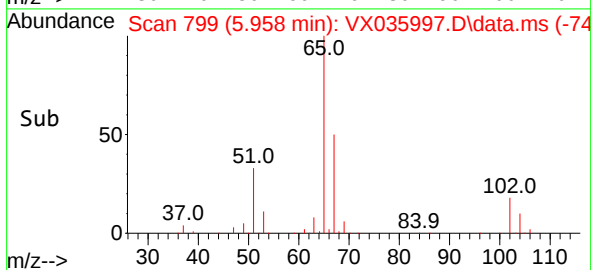
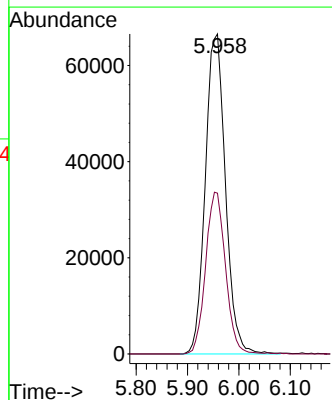
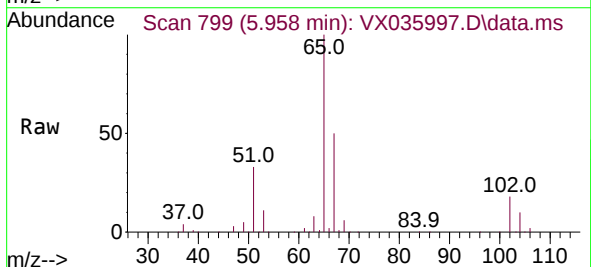


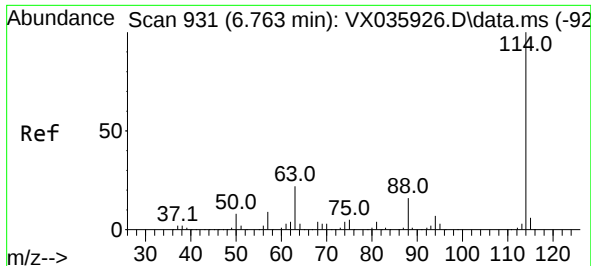
Tgt Ion: 56 Resp: 6806
Ion Ratio Lower Upper
56 100
69 153.1 25.9 38.9#
84 108.8 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 45.238 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 65 Resp: 181135
Ion Ratio Lower Upper
65 100
67 49.9 0.0 99.6

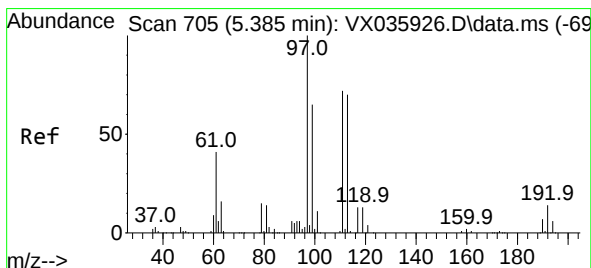
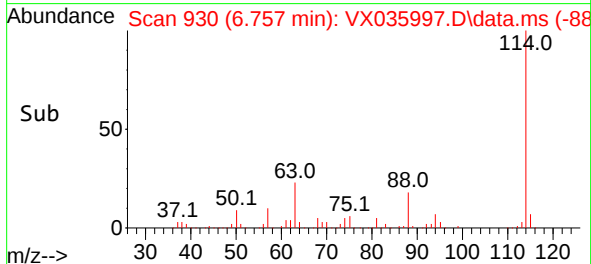
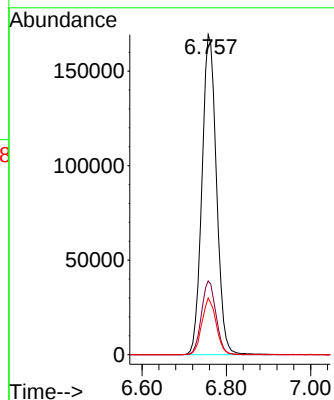
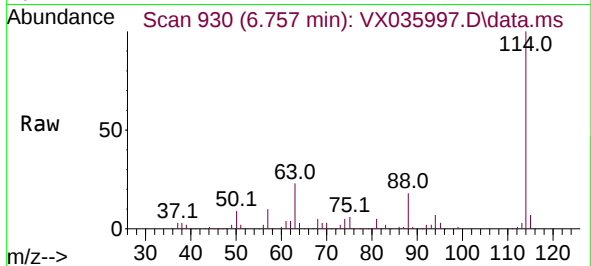




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. -0.006 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

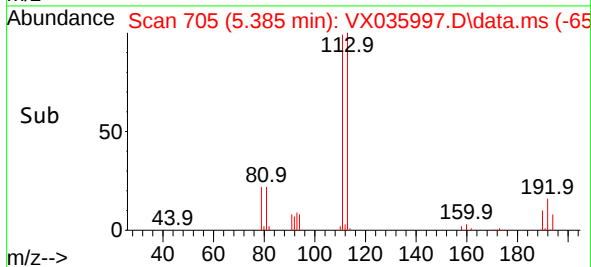
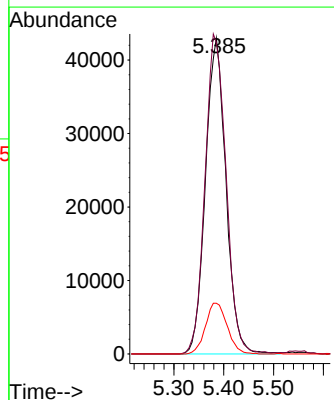
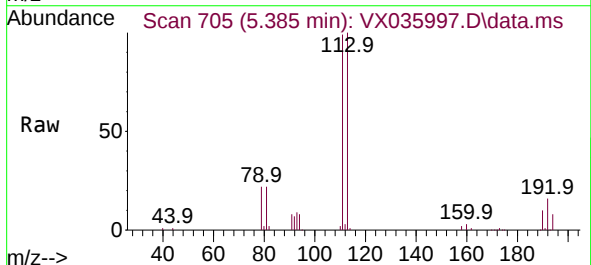
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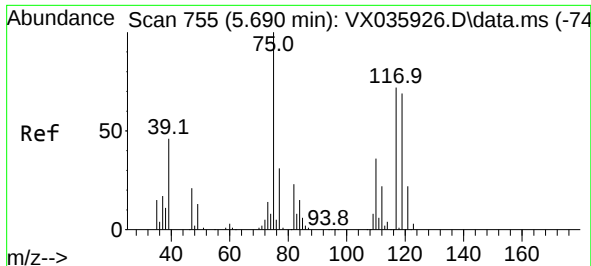
Tgt Ion:114 Resp: 406081
Ion Ratio Lower Upper
114 100
63 23.1 0.0 46.0
88 17.7 0.0 35.2



#35
Dibromofluoromethane
Concen: 44.993 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion:113 Resp: 122889
Ion Ratio Lower Upper
113 100
111 103.9 81.7 122.5
192 17.0 13.5 20.3

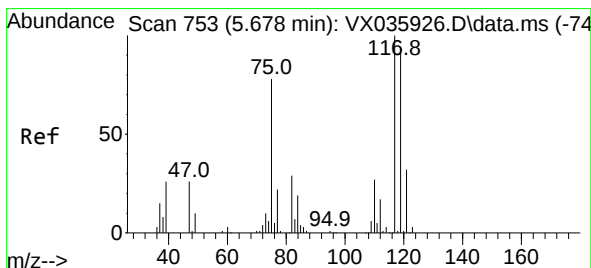
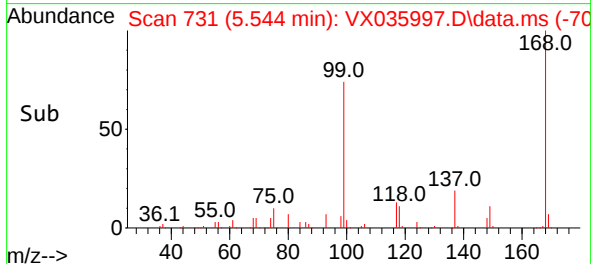
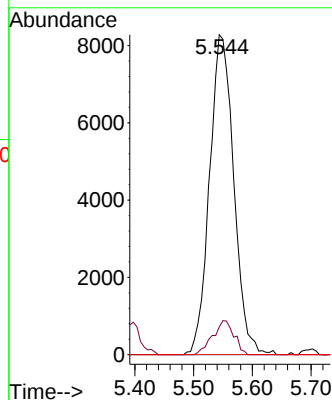
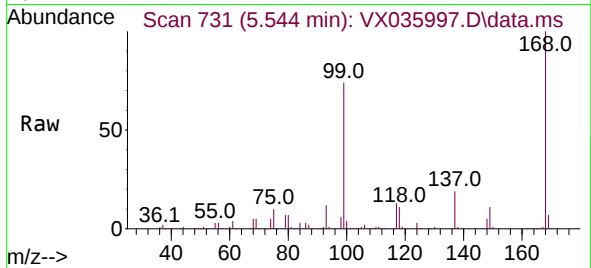




#36
1,1-Dichloropropene
Concen: 6.517 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

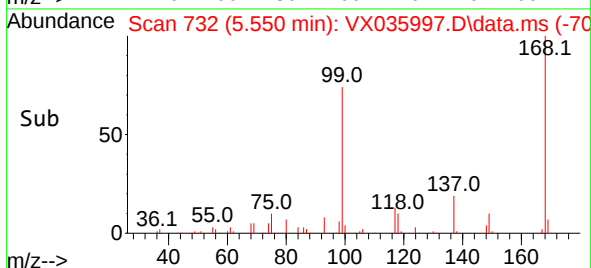
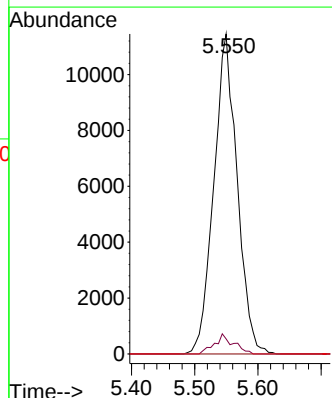
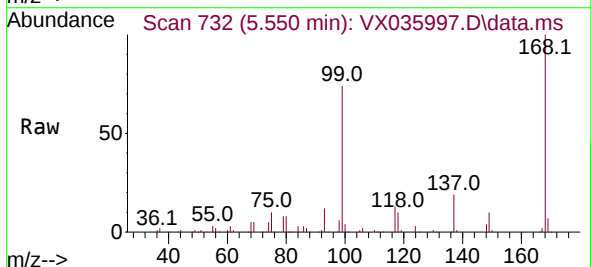
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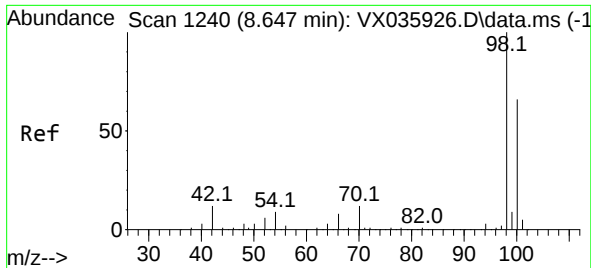
Tgt Ion: 75 Resp: 23734
Ion Ratio Lower Upper
75 100
110 9.4 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.258 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 117 Resp: 29307
Ion Ratio Lower Upper
117 100
119 4.7 74.1 111.1#
121 0.0 25.0 37.4#

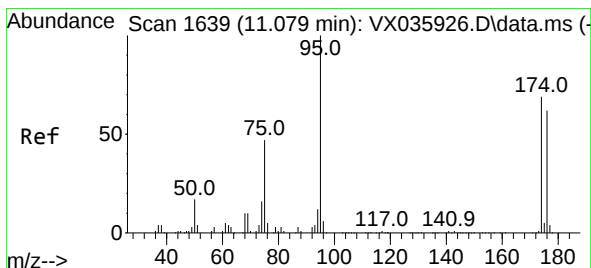
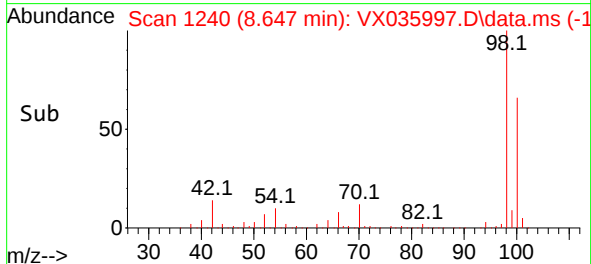
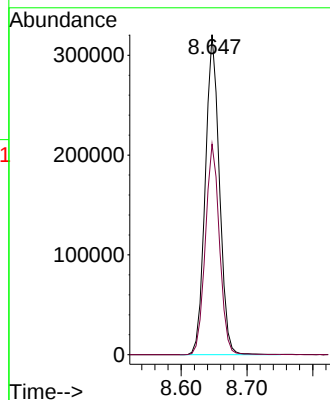
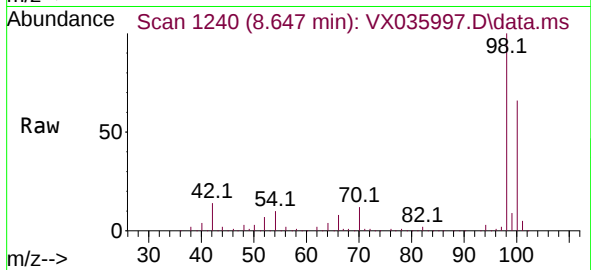




#50
Toluene-d8
Concen: 48.827 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

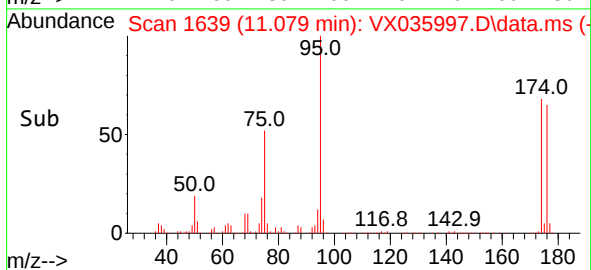
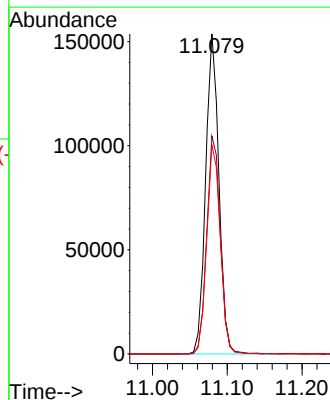
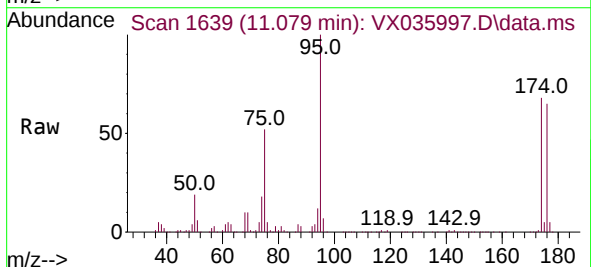
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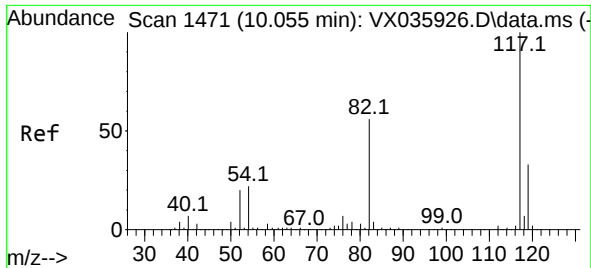
Tgt Ion: 98 Resp: 478618
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.889 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 95 Resp: 189178
Ion Ratio Lower Upper
95 100
174 69.8 0.0 132.6
176 66.9 0.0 128.0

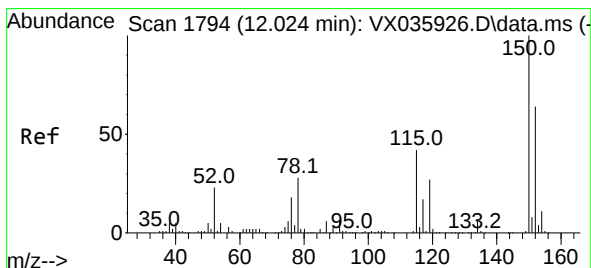
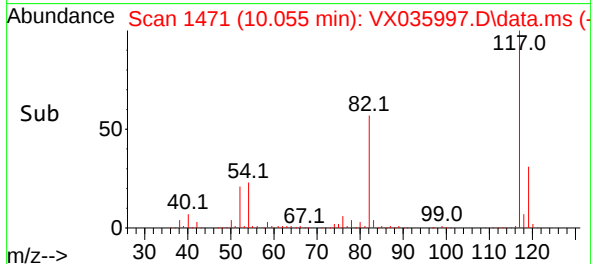
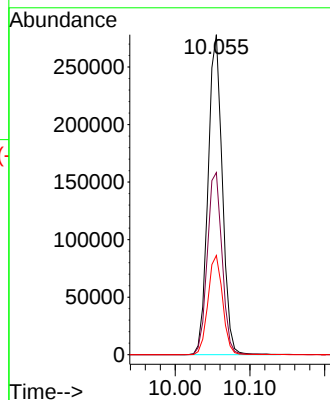
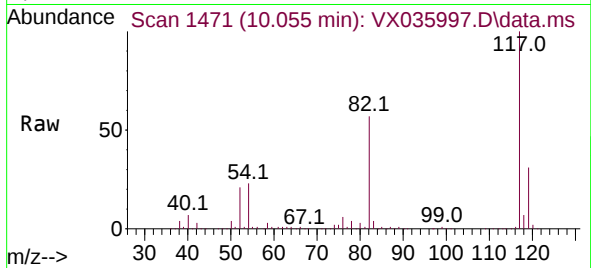




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

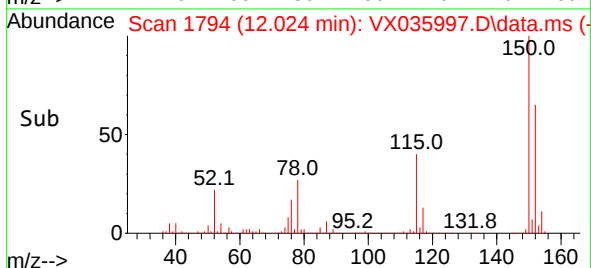
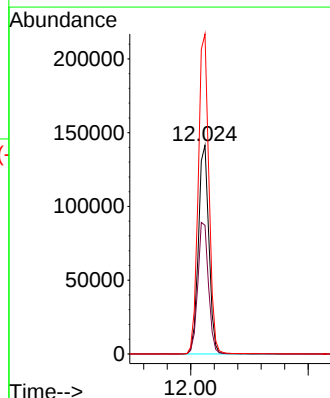
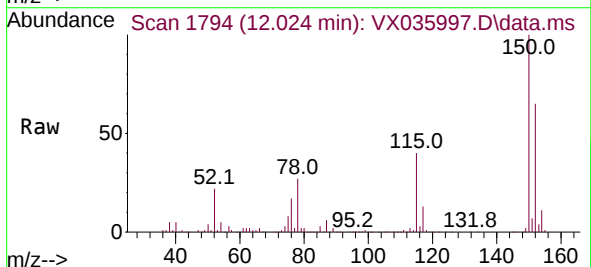
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

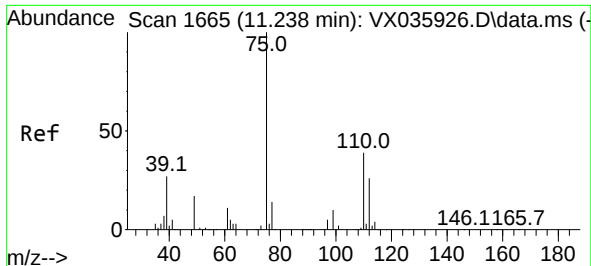
Tgt Ion:117 Resp: 368334
Ion Ratio Lower Upper
117 100
82 56.9 46.6 69.8
119 31.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion:152 Resp: 174493
Ion Ratio Lower Upper
152 100
115 64.3 45.5 136.5
150 156.1 0.0 345.2

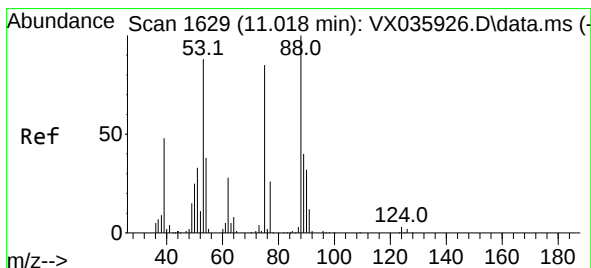
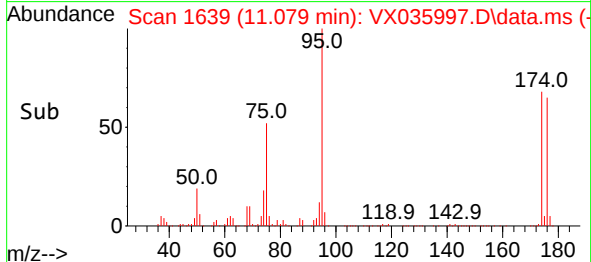
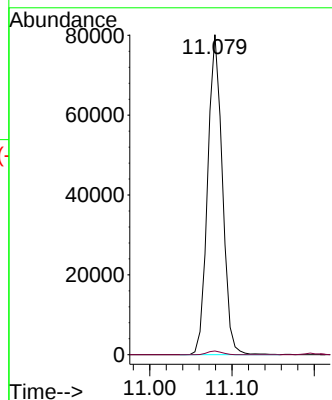
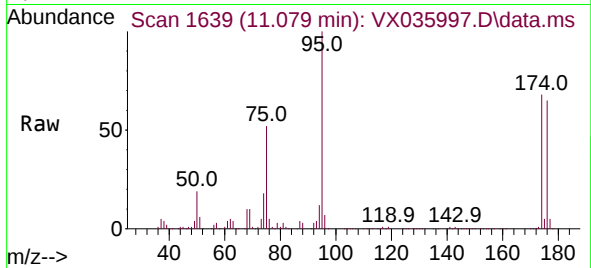




#76
1,2,3-Trichloropropane
Concen: 25.213 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

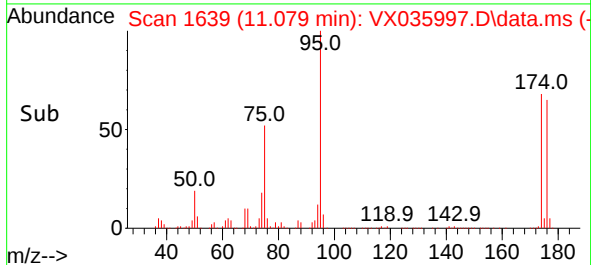
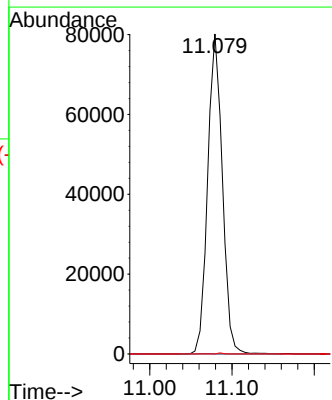
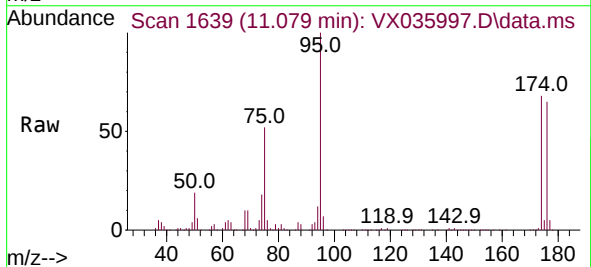
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW11-GW-578-580

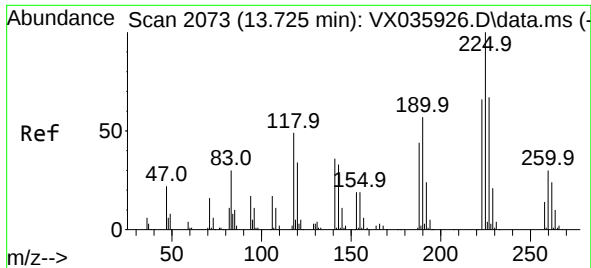
Tgt Ion: 75 Resp: 99227
Ion Ratio Lower Upper
75 100
77 1.1 21.4 64.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX035997.D
Acq: 05 Jun 2023 12:35

Tgt Ion: 75 Resp: 99227
Ion Ratio Lower Upper
75 100
53 0.1 95.2 142.8#
89 0.1 38.0 57.0#





#94
 Hexachlorobutadiene
 Concen: 0.497 ug/l
 RT: 13.725 min Scan# 2073
 Delta R.T. 0.000 min
 Lab File: VX035997.D
 Acq: 05 Jun 2023 12:35

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW11-GW-578-580

Tgt Ion:	225	Resp:	629
Ion	Ratio	Lower	Upper
225	100		
223	54.5	32.6	97.7
227	62.5	31.9	95.7

