

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037775.D
 Acq On : 18 Sep 2023 14:30
 Operator : JC/MD
 Sample : 04437-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-GW-240-242

Quant Time: Sep 18 17:57:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091523W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 16 04:55:44 2023
 Response via : Initial Calibration

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

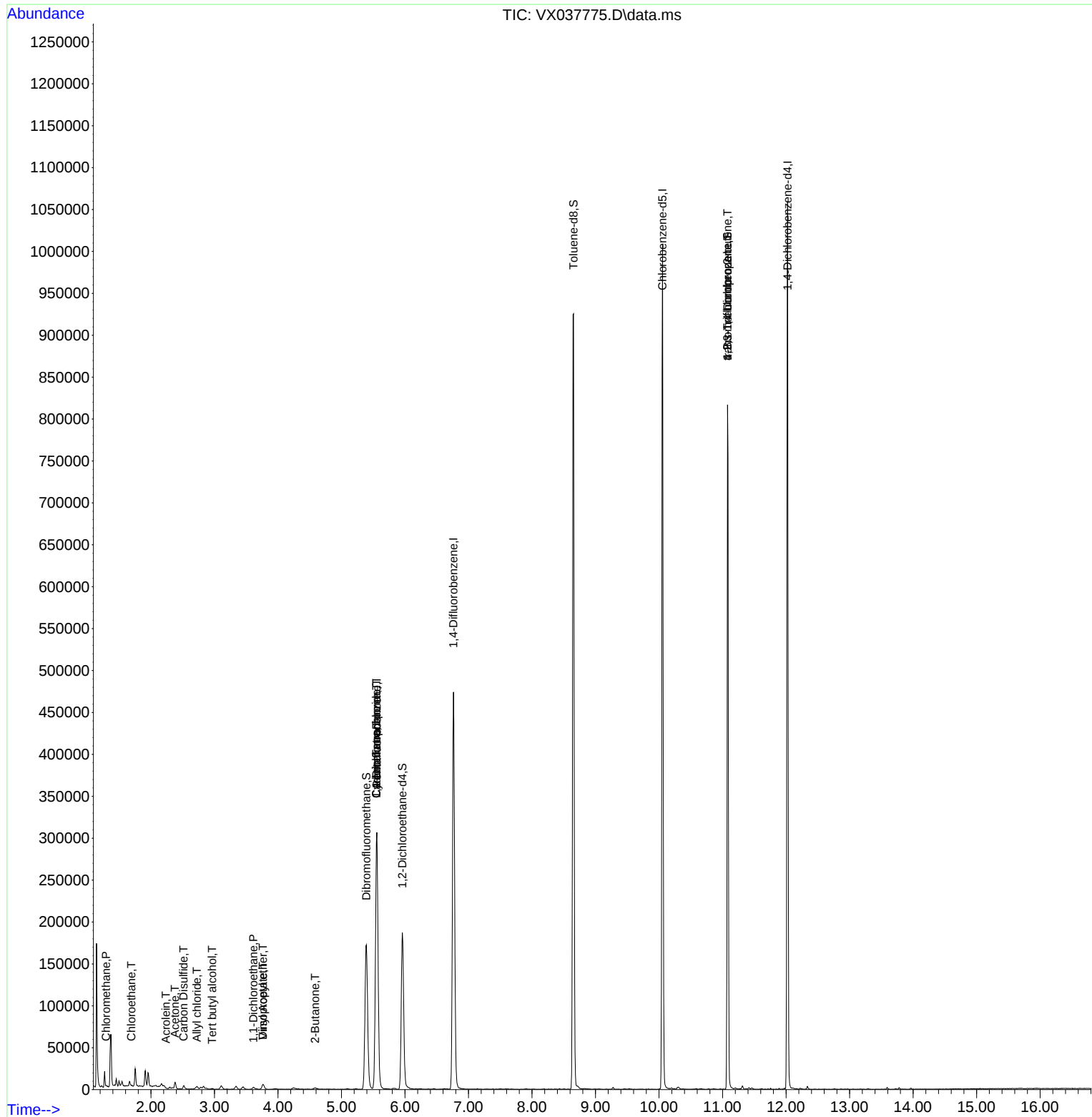
Internal Standards						
1) Pentafluorobenzene	5.556	168	297023	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	492054	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	456957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222070	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	179927	46.106	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	92.220%		
35) Dibromofluoromethane	5.391	113	153368	46.583	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.160%		
50) Toluene-d8	8.653	98	583573	47.704	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.400%		
62) 4-Bromofluorobenzene	11.079	95	214899	48.343	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.680%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	1052	0.309	ug/l	# 87
6) Chloroethane	1.691	64	756	0.299	ug/l	96
11) Tert butyl alcohol	2.965	59	969	1.157	ug/l	# 88
13) Acrolein	2.233	56	239	0.289	ug/l	# 83
14) Allyl chloride	2.721	41	1697	0.352	ug/l	# 73
16) Acetone	2.380	43	9253	4.929	ug/l	# 88
17) Carbon Disulfide	2.514	76	4406	0.606	ug/l	# 95
22) Diisopropyl ether	3.763	45	6122	0.609	ug/l	# 68
23) Vinyl Acetate	3.763	43	3314	0.448	ug/l	# 73
24) 1,1-Dichloroethane	3.611	63	2611	0.433	ug/l	# 91
25) 2-Butanone	4.587	43	3104	1.172	ug/l	# 89
31) Cyclohexane	5.550	56	6352	1.268	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	22173	4.889	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	29282	6.171	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	109130	21.247	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.079	75	109130	68.062	ug/l	# 5

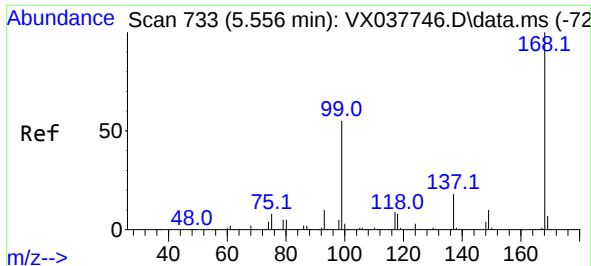
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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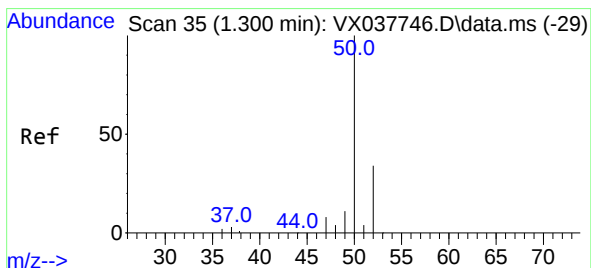
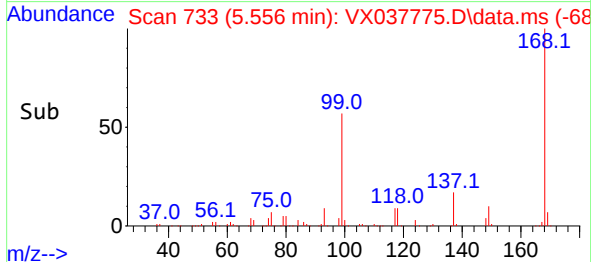
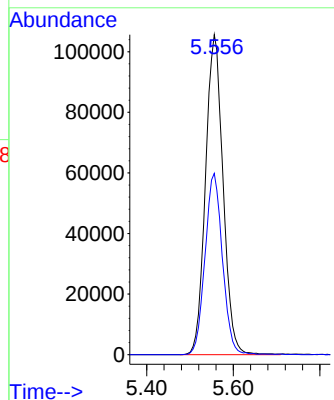
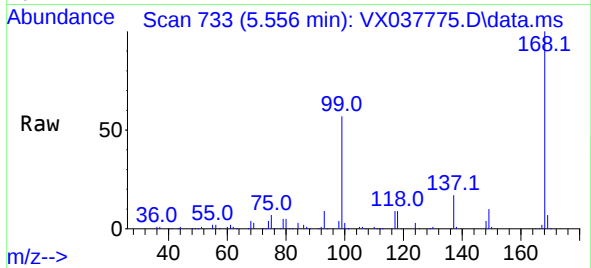




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

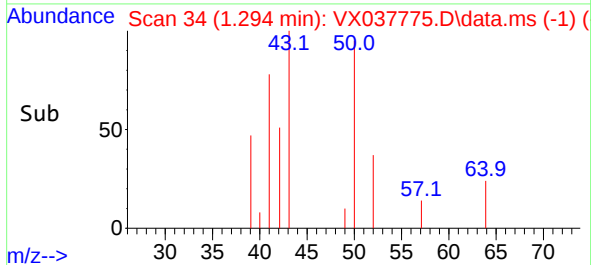
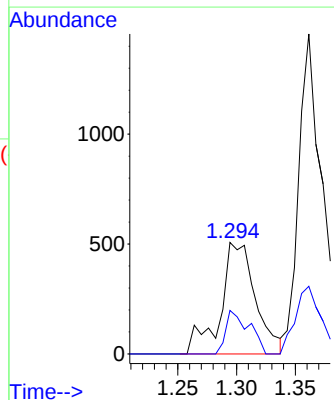
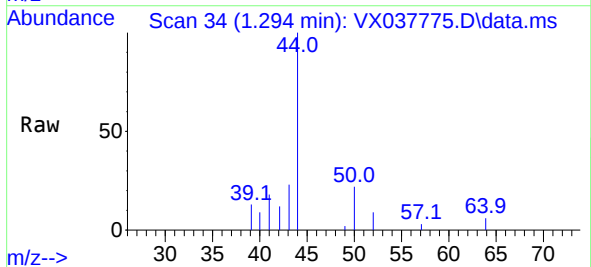
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-GW-240-242

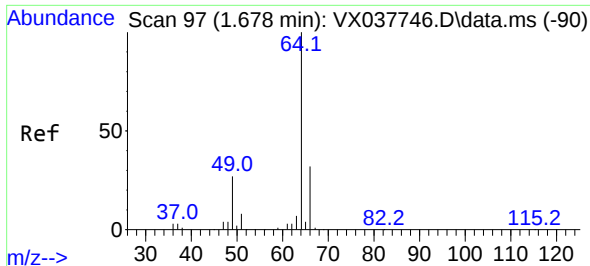
Tgt Ion:168 Resp: 297023
Ion Ratio Lower Upper
168 100
99 56.6 56.6 85.0#



#3
Chloromethane
Concen: 0.309 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 50 Resp: 1052
Ion Ratio Lower Upper
50 100
52 39.1 25.5 38.3#

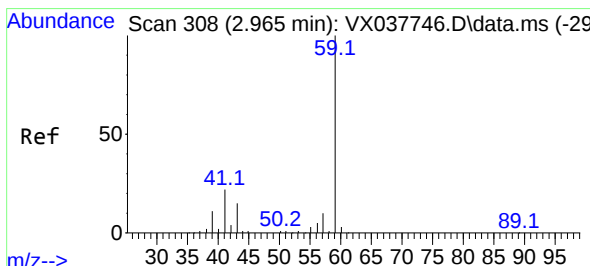
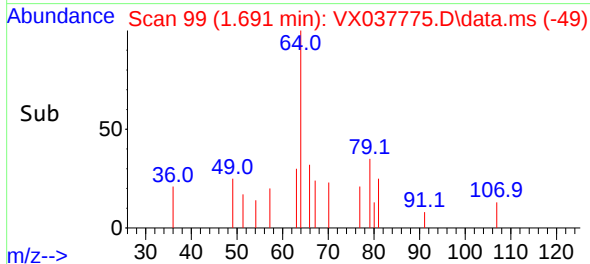
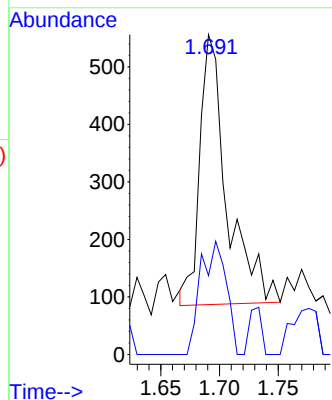
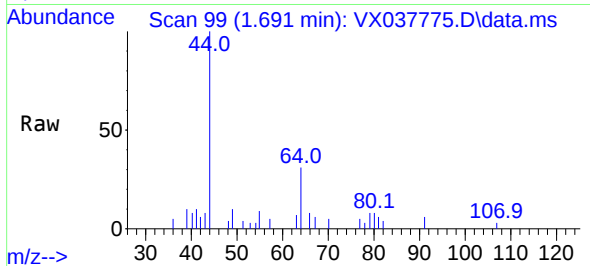




#6
Chloroethane
Concen: 0.299 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

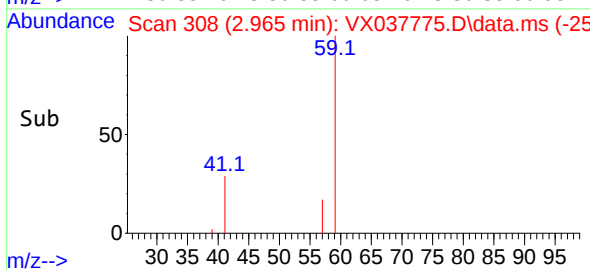
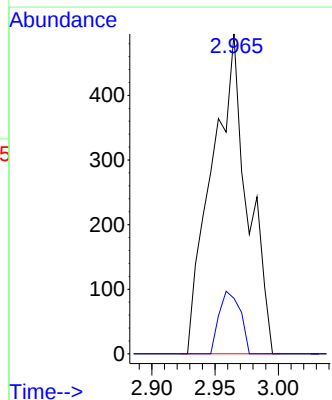
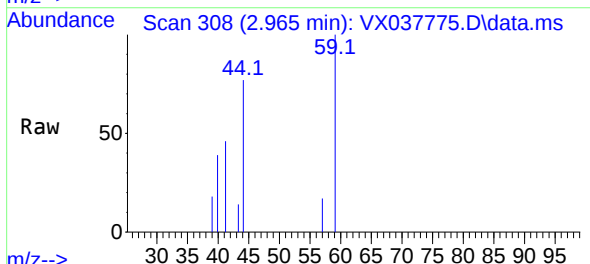
Instrument :
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BP-VPB-RW10A-GW-240-242

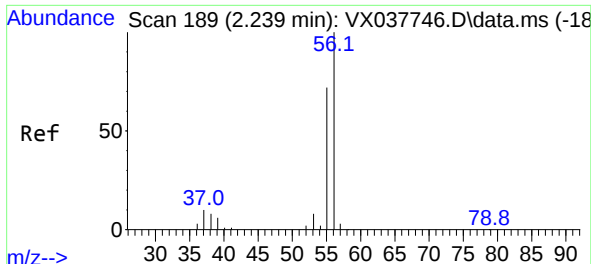
Tgt Ion: 64 Resp: 756
Ion Ratio Lower Upper
64 100
66 29.5 25.1 37.7



#11
Tert butyl alcohol
Concen: 1.157 ug/l
RT: 2.965 min Scan# 308
Delta R.T. 0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 59 Resp: 969
Ion Ratio Lower Upper
59 100
57 11.6 6.0 9.0#





#13

Acrolein

Concen: 0.289 ug/l

RT: 2.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX037775.D

Acq: 18 Sep 2023 14:30

Instrument :

MSVOA_X

ClientSampleId :

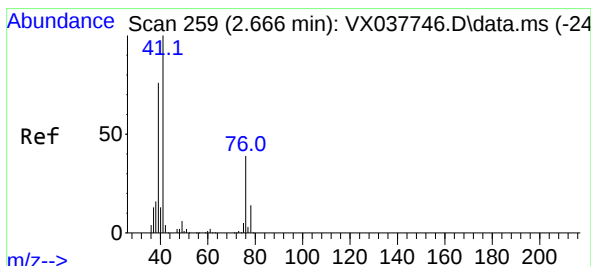
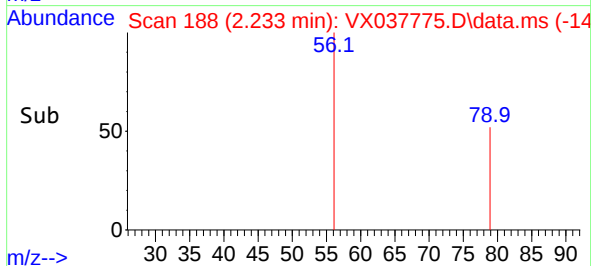
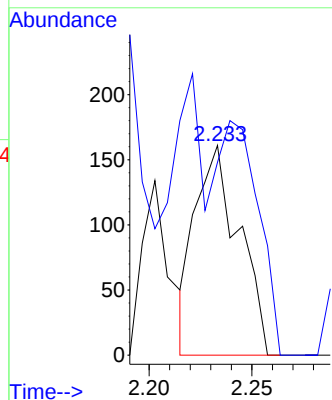
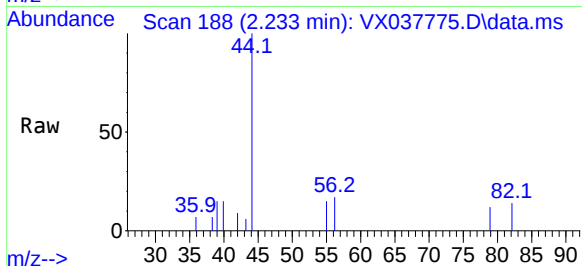
BP-VPB-RW10A-GW-240-242

Tgt Ion: 56 Resp: 239

Ion Ratio Lower Upper

56 100

55 85.8 57.1 85.7#



#14

Allyl chloride

Concen: 0.352 ug/l

RT: 2.721 min Scan# 268

Delta R.T. 0.055 min

Lab File: VX037775.D

Acq: 18 Sep 2023 14:30

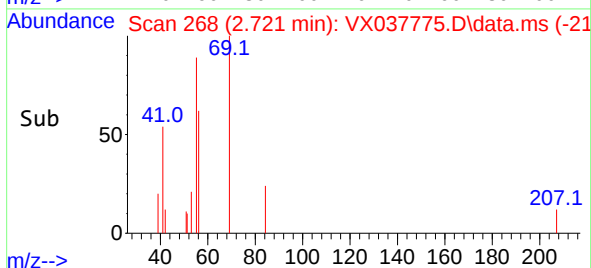
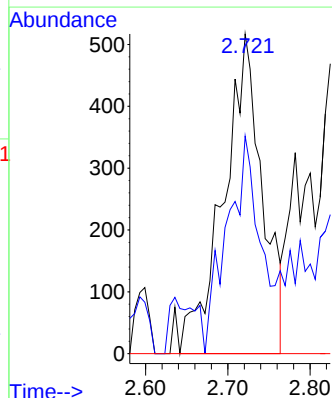
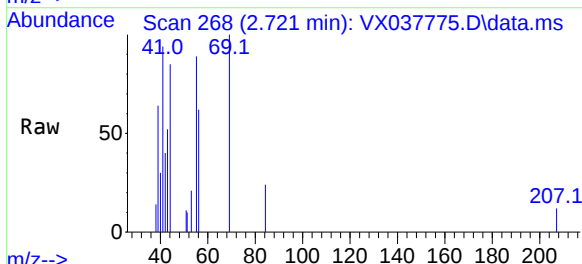
Tgt Ion: 41 Resp: 1697

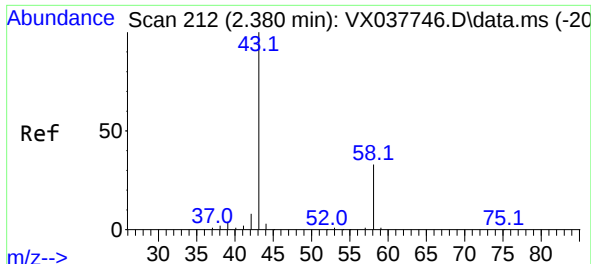
Ion Ratio Lower Upper

41 100

39 58.0 55.8 83.6

76 0.0 24.3 36.5#

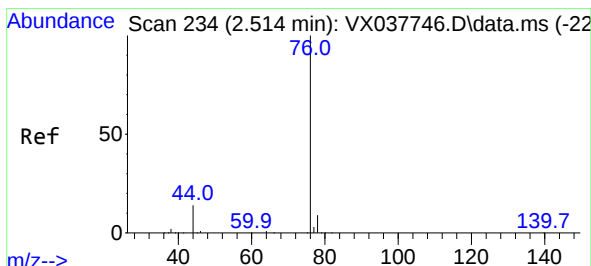
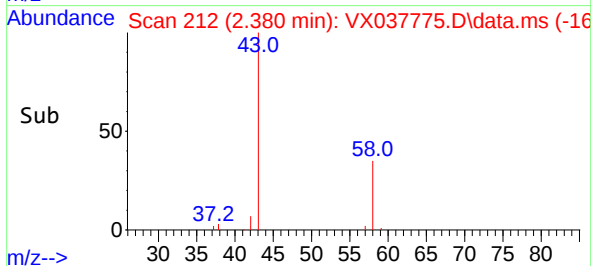
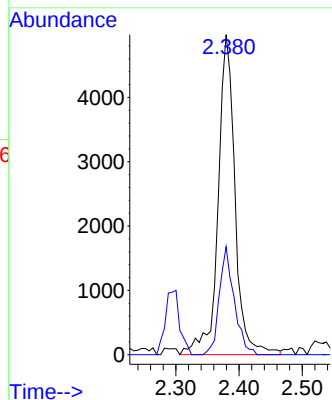
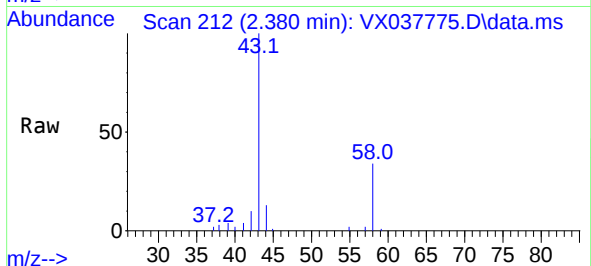




#16
Acetone
Concen: 4.929 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

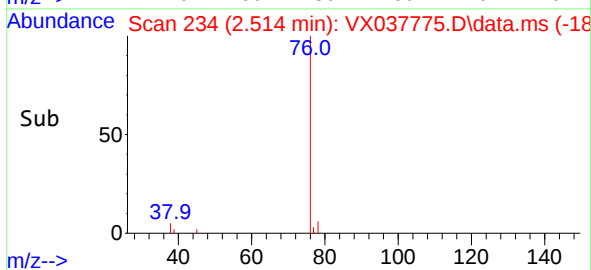
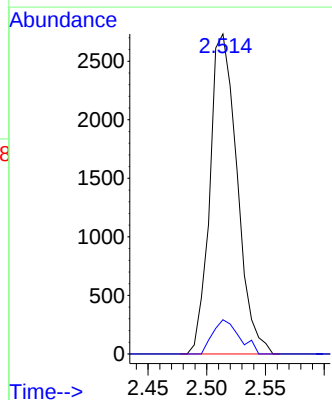
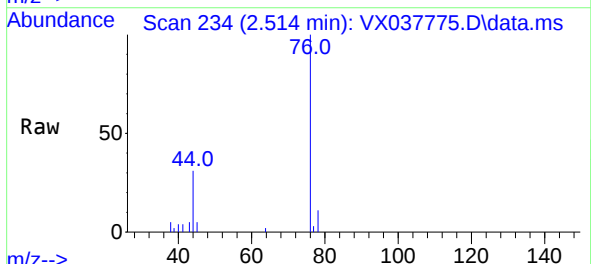
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

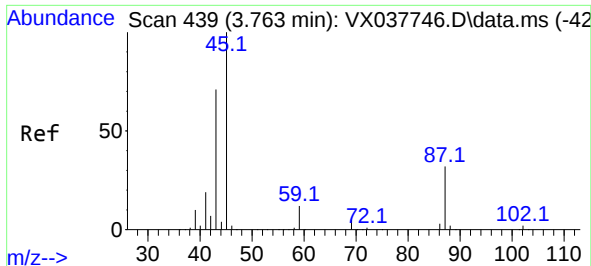
Tgt Ion: 43 Resp: 9253
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#17
Carbon Disulfide
Concen: 0.606 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 76 Resp: 4406
Ion Ratio Lower Upper
76 100
78 10.7 7.0 10.6#

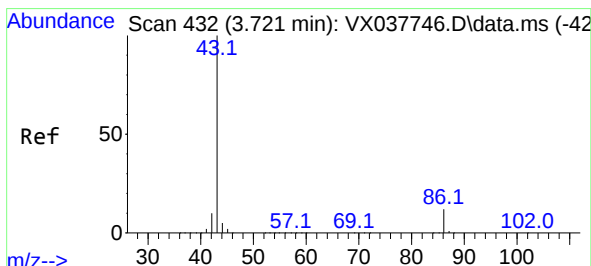
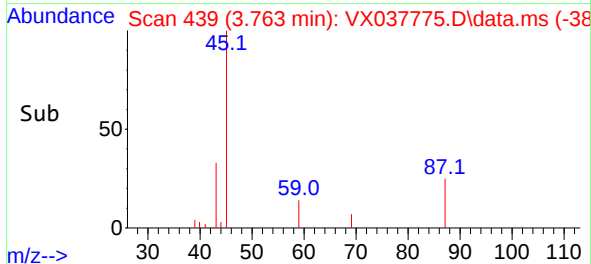
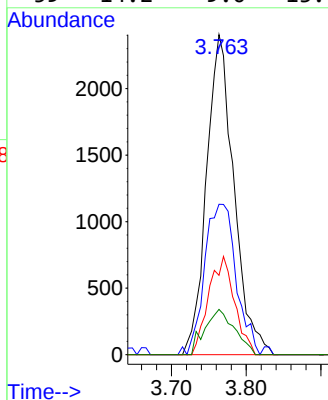
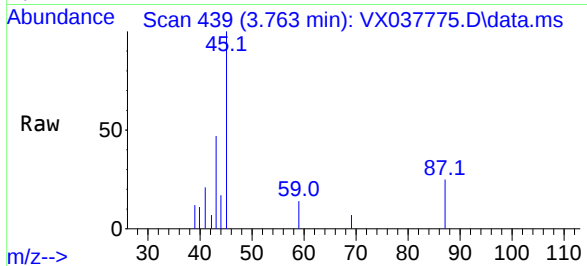




#22
Diisopropyl ether
Concen: 0.609 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

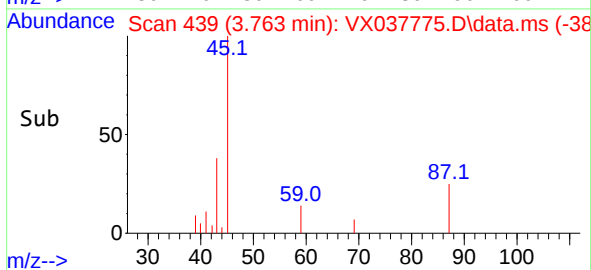
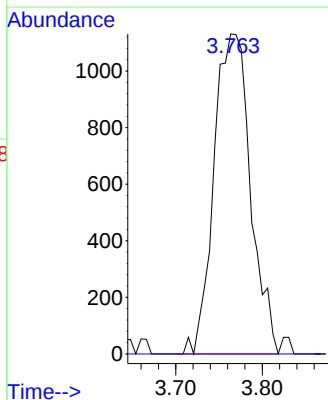
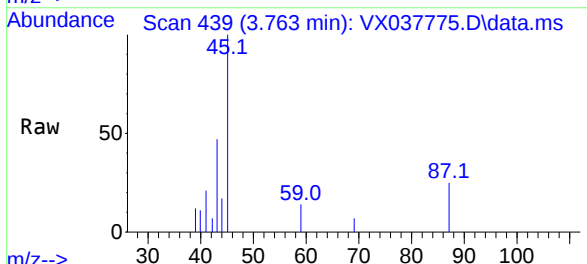
Instrument :
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ClientSampleId :
BP-VPB-RW10A-GW-240-242

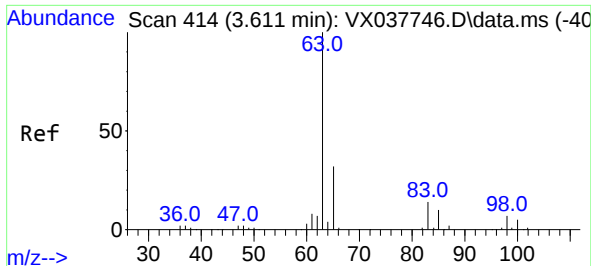
Tgt Ion:	45	Resp:	6122
Ion	Ratio	Lower	Upper
45	100		
43	47.0	69.7	104.5#
87	24.8	20.8	31.2
59	14.2	9.0	13.4#



#23
Vinyl Acetate
Concen: 0.448 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.036 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion:	43	Resp:	3314
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

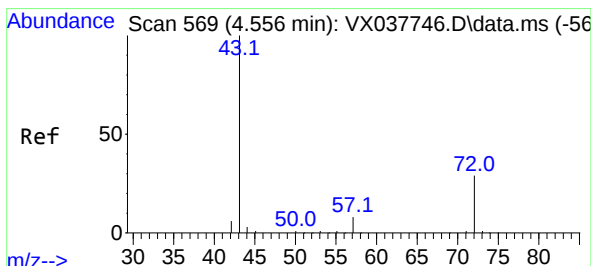
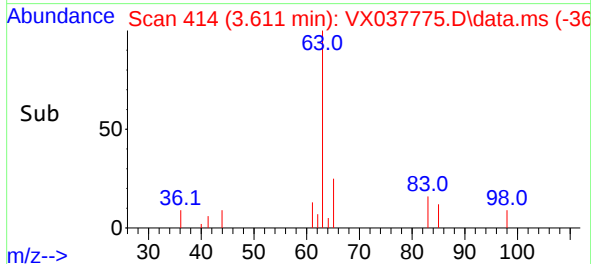
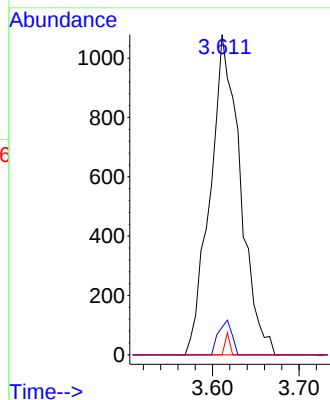
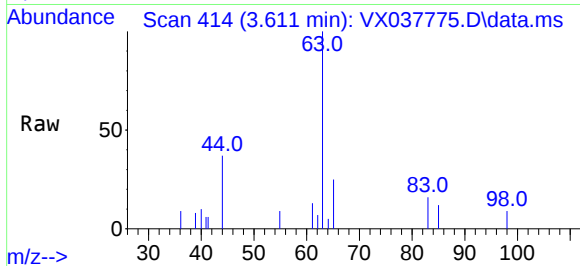




#24
1,1-Dichloroethane
Concen: 0.433 ug/l
RT: 3.611 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

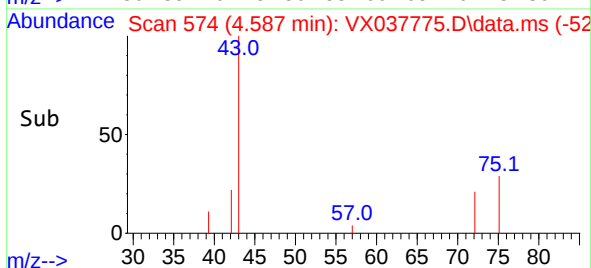
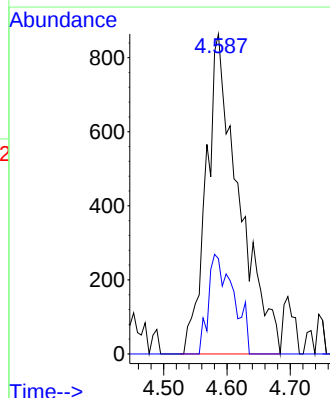
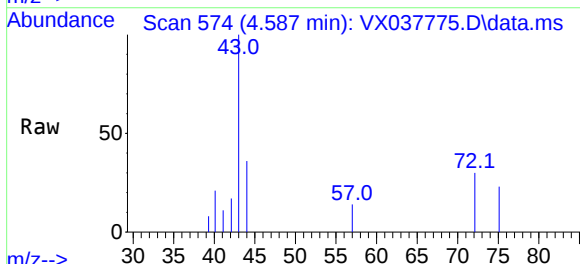
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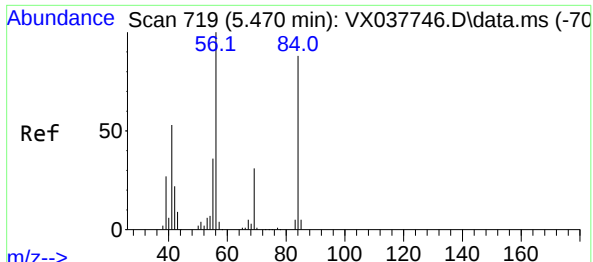
Tgt Ion:	63	Resp:	2611
Ion	Ratio	Lower	Upper
63	100		
98	8.6	3.3	9.8
100	0.0	2.1	6.5



#25
2-Butanone
Concen: 1.172 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.018 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

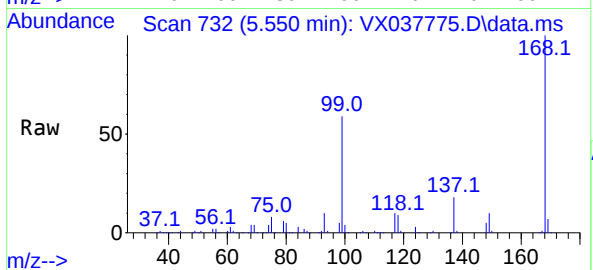
Tgt Ion:	43	Resp:	3104
Ion	Ratio	Lower	Upper
43	100		
72	29.7	19.4	29.2



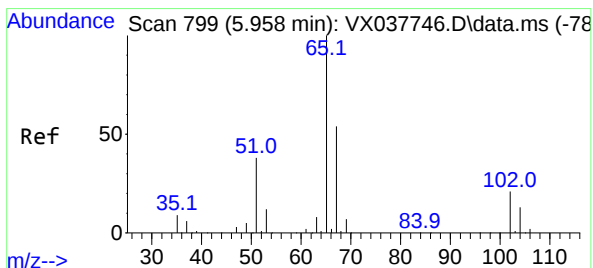
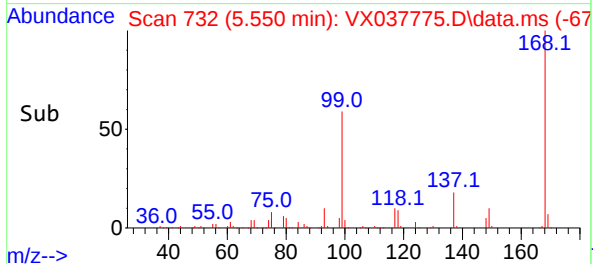
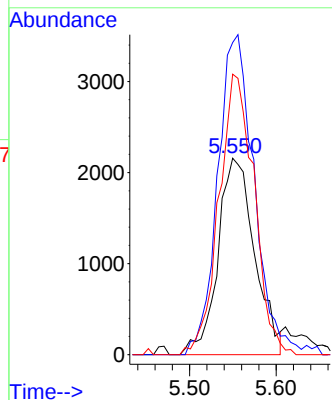


#31
Cyclohexane
Concen: 1.268 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

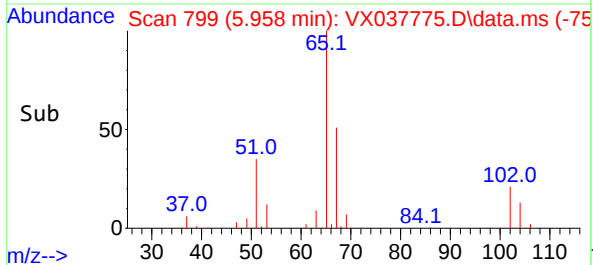
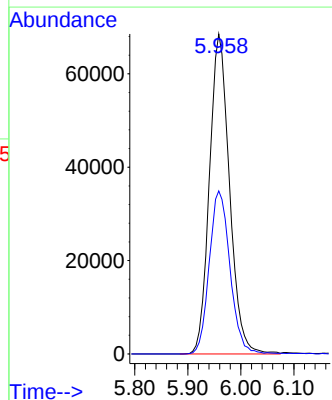
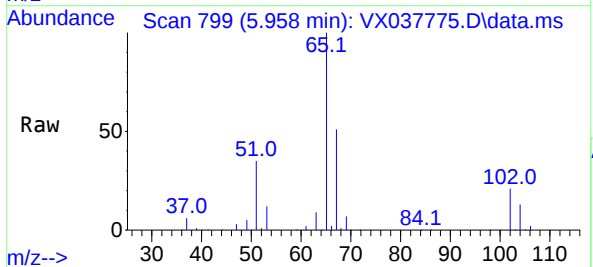


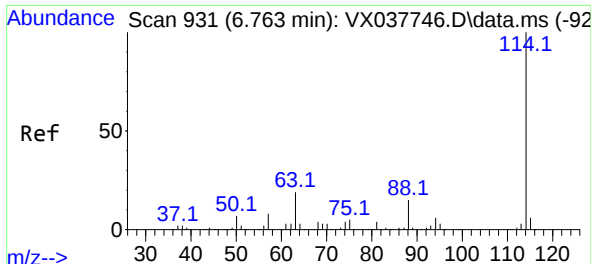
Tgt Ion: 56 Resp: 6352
Ion Ratio Lower Upper
56 100
69 158.9 23.4 35.2#
84 142.8 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 46.106 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 65 Resp: 179927
Ion Ratio Lower Upper
65 100
67 52.8 0.0 100.2

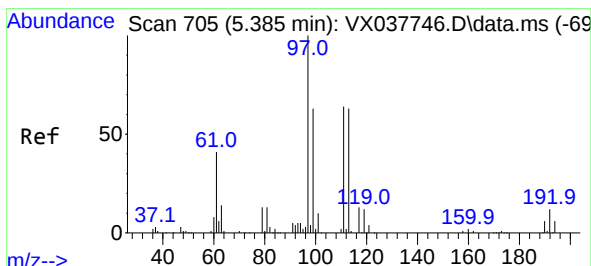
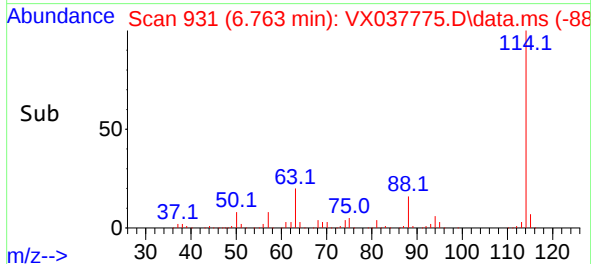
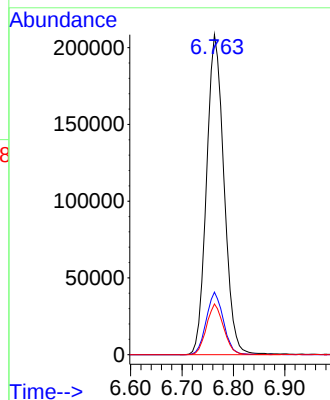
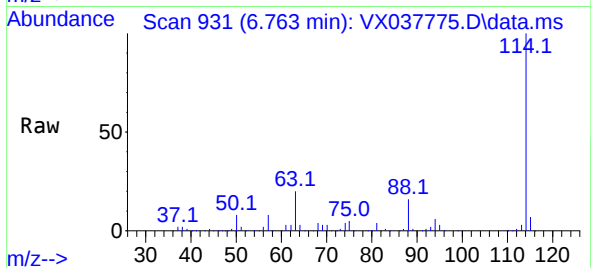




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

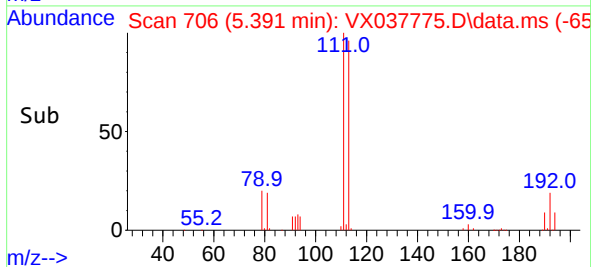
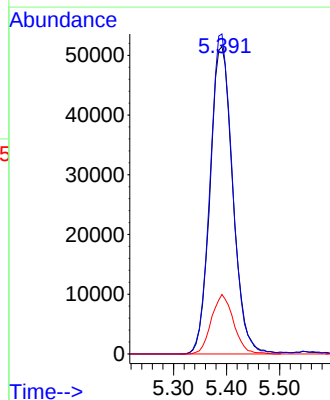
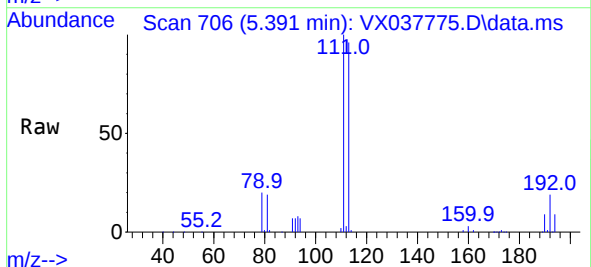
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

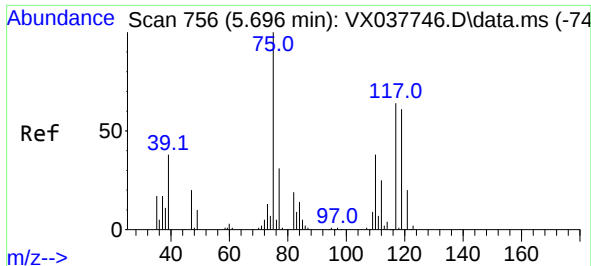
Tgt Ion:114 Resp: 492054
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.9 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.583 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion:113 Resp: 153368
Ion Ratio Lower Upper
113 100
111 102.2 82.9 124.3
192 18.9 13.3 19.9

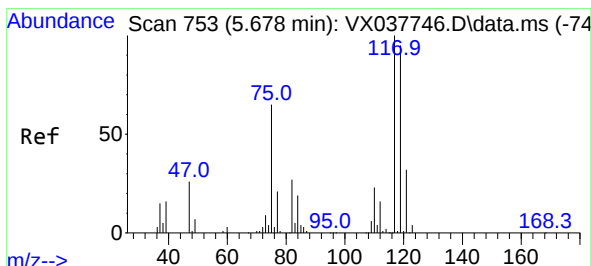
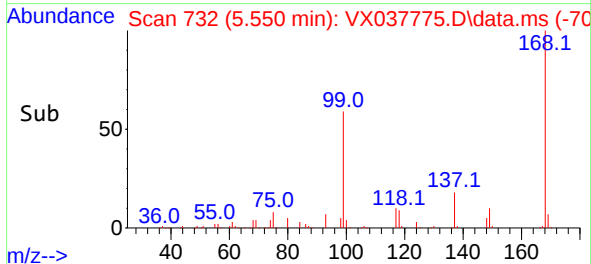
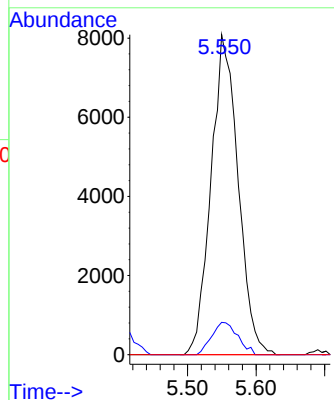
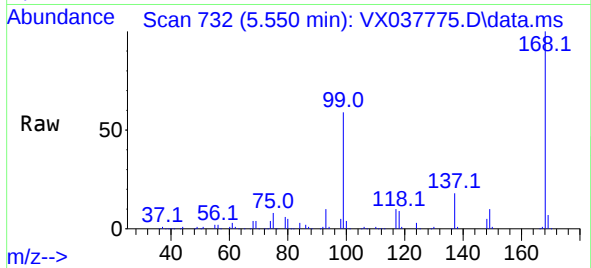




#36
1,1-Dichloropropene
Concen: 4.889 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

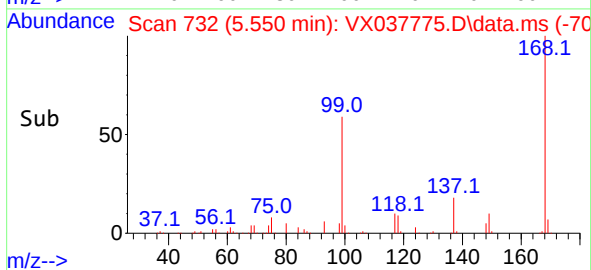
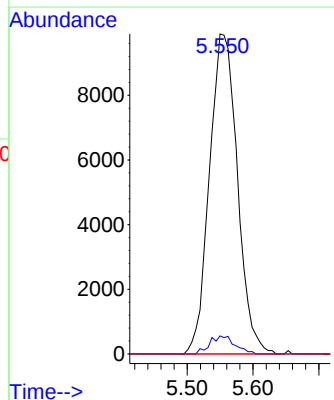
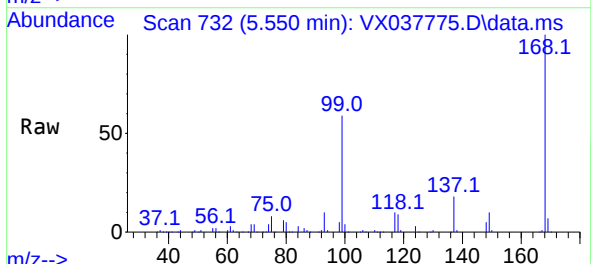
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

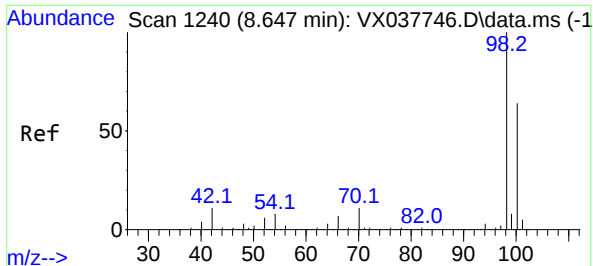
Tgt Ion: 75 Resp: 22173
Ion Ratio Lower Upper
75 100
110 9.7 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.171 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 117 Resp: 29282
Ion Ratio Lower Upper
117 100
119 5.6 78.2 117.2#
121 0.0 24.4 36.6#

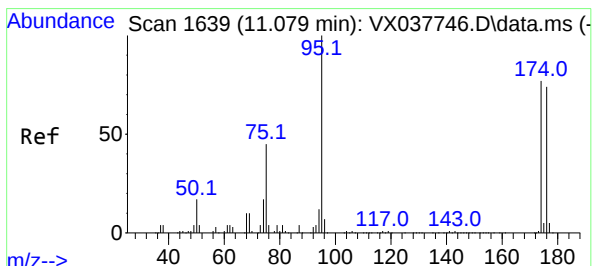
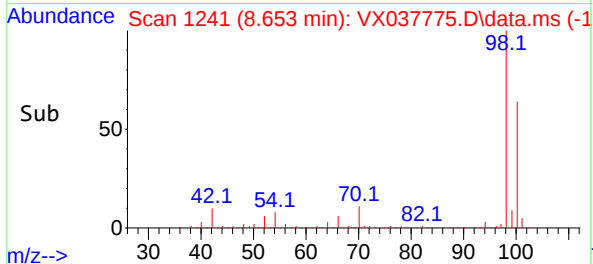
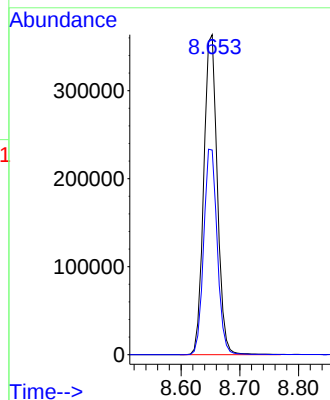
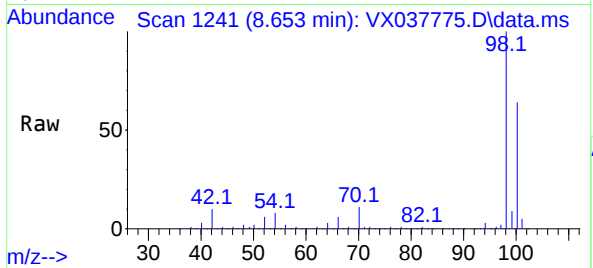




#50
Toluene-d8
Concen: 47.704 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

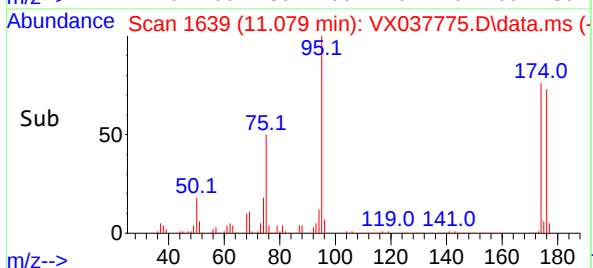
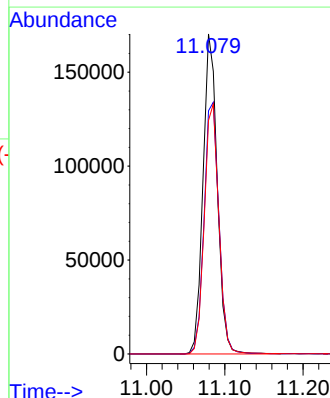
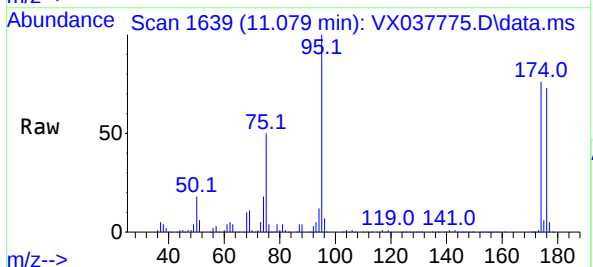
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

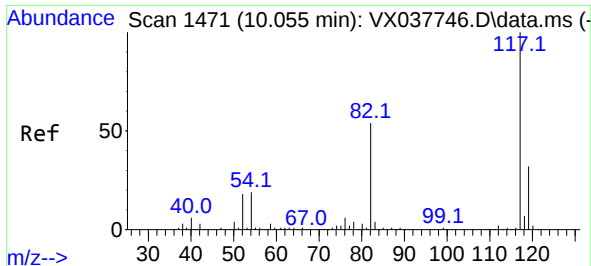
Tgt Ion: 98 Resp: 583573
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 48.343 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 95 Resp: 214899
Ion Ratio Lower Upper
95 100
174 81.9 0.0 135.6
176 80.1 0.0 131.0

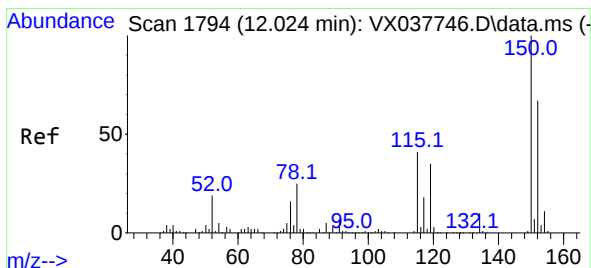
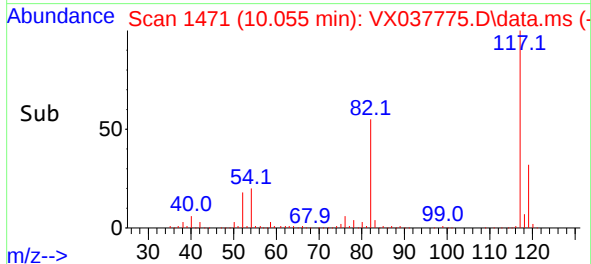
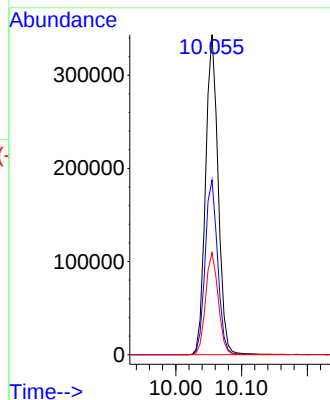
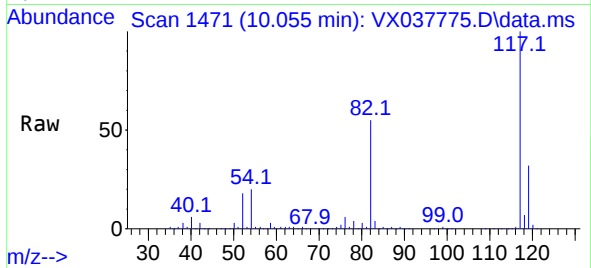




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

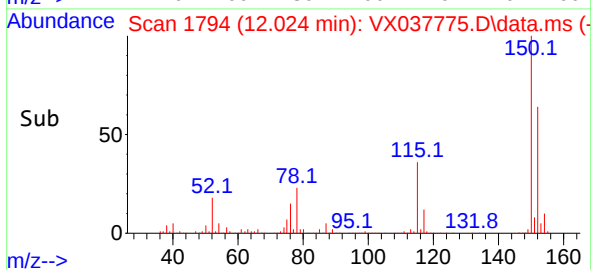
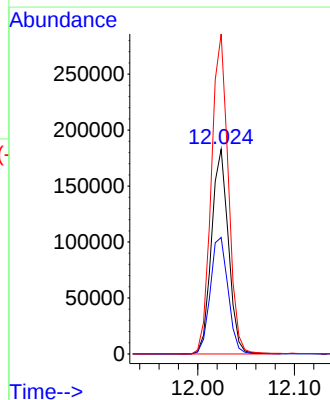
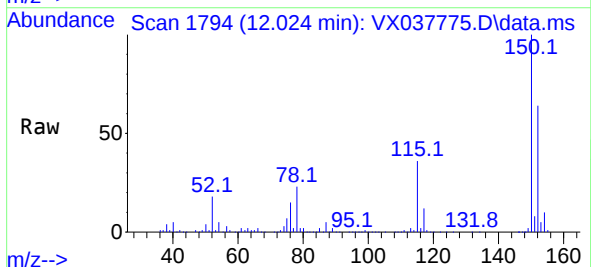
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

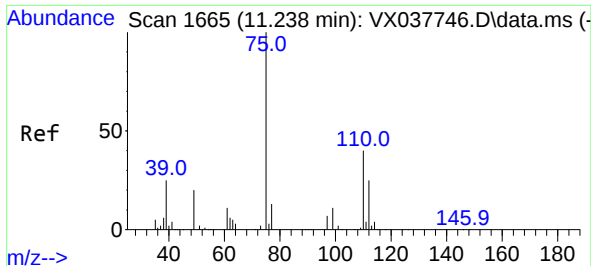
Tgt Ion:117 Resp: 456957
Ion Ratio Lower Upper
117 100
82 54.6 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion:152 Resp: 222070
Ion Ratio Lower Upper
152 100
115 60.1 43.3 129.9
150 156.6 0.0 345.0

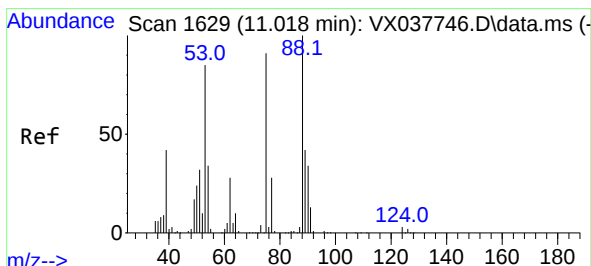
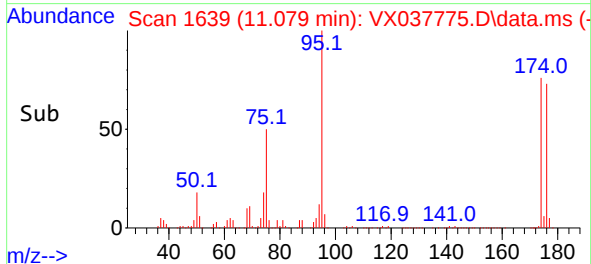
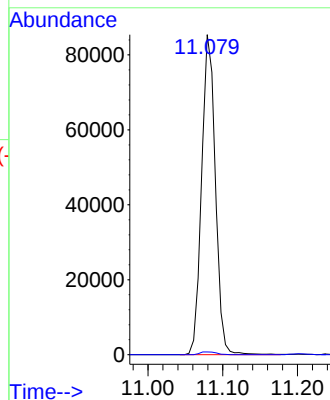
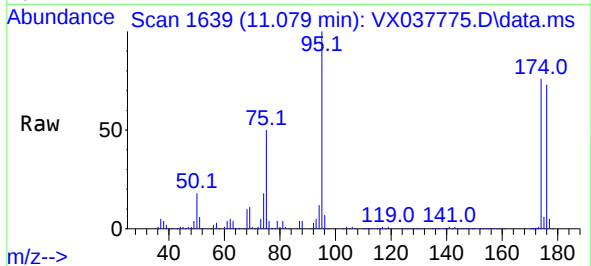




#76
1,2,3-Trichloropropane
Concen: 21.247 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-GW-240-242

Tgt Ion: 75 Resp: 109130
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037775.D
Acq: 18 Sep 2023 14:30

Tgt Ion: 75 Resp: 109130
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

