

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091823\
 Data File : VX037774.D
 Acq On : 18 Sep 2023 14:07
 Operator : JC/MD
 Sample : 04437-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-RW10A-DUP-20230911

Quant Time: Sep 18 17:56:50 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)

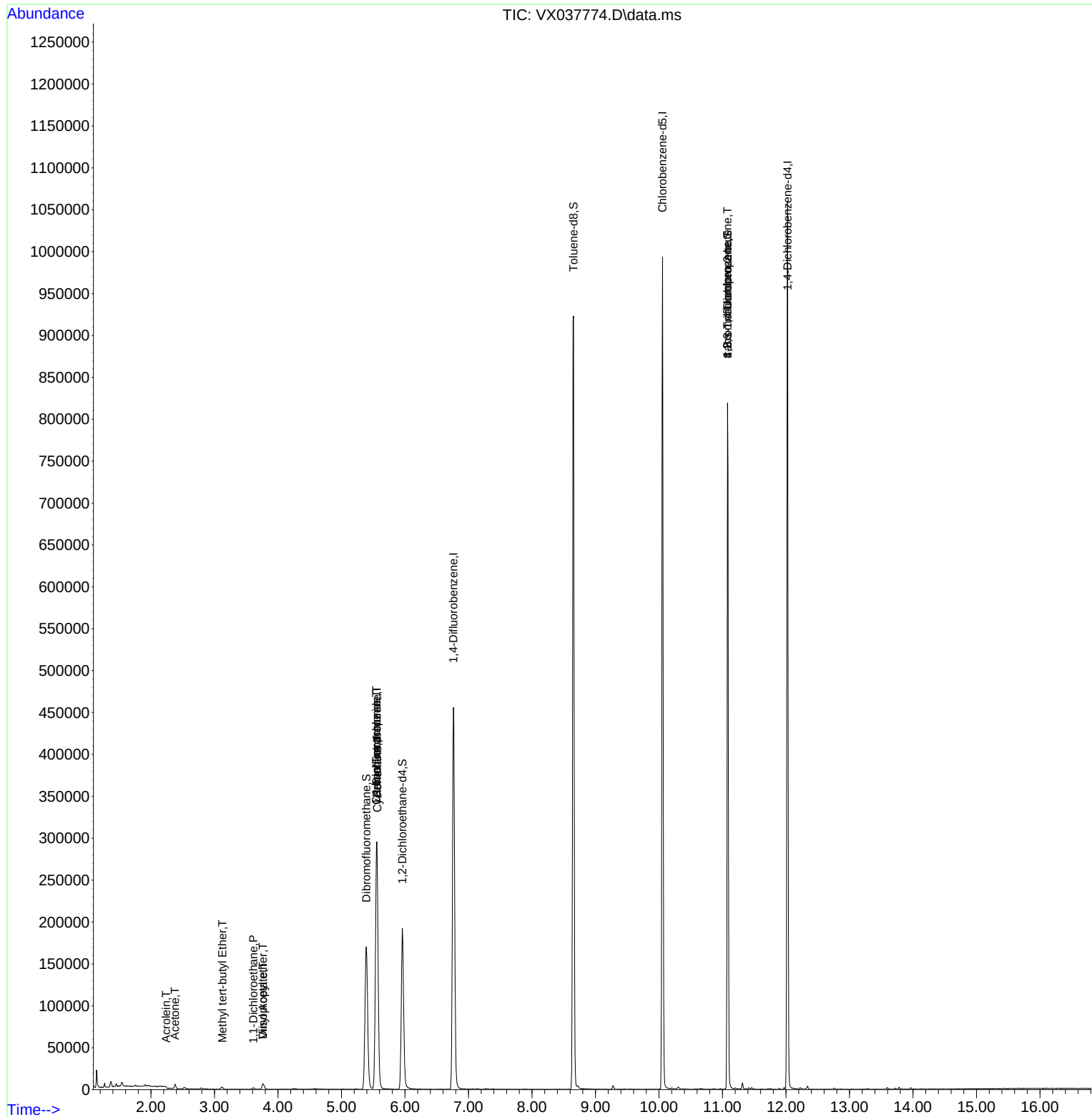
Internal Standards						
1) Pentafluorobenzene	5.556	168	291412	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	482588	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	222577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	175902	45.943	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.880%
35) Dibromofluoromethane	5.391	113	150394	46.576	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.160%
50) Toluene-d8	8.653	98	571640	47.645	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.300%
62) 4-Bromofluorobenzene	11.079	95	213732	49.024	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.040%
Target Compounds						
					Qvalue	
13) Acrolein	2.239	56	285	0.351	ug/l	# 46
16) Acetone	2.380	43	6248	3.392	ug/l	# 88
19) Methyl tert-butyl Ether	3.123	73	2825	0.270	ug/l	# 78
22) Diisopropyl ether	3.764	45	6714	0.681	ug/l	# 72
23) Vinyl Acetate	3.764	43	3967	0.547	ug/l	# 73
24) 1,1-Dichloroethane	3.611	63	2099	0.355	ug/l	# 88
31) Cyclohexane	5.562	56	5712	1.162	ug/l	# 1
36) 1,1-Dichloropropene	5.550	75	21538	4.842	ug/l	# 51
38) Carbon Tetrachloride	5.550	117	28597	6.144	ug/l	# 16
76) 1,2,3-Trichloropropane	11.079	75	107287	20.841	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	107287	66.760	ug/l	# 5

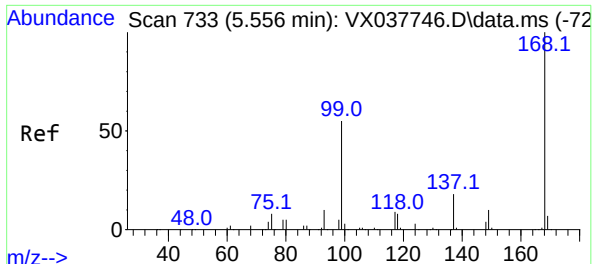
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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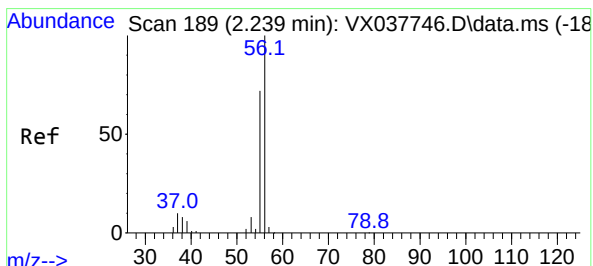
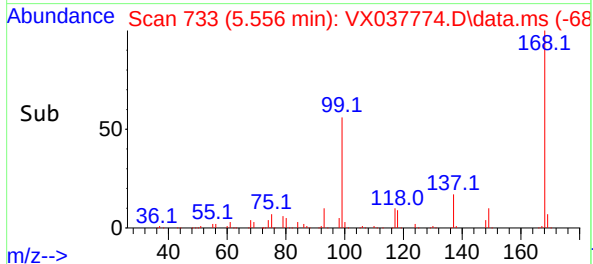
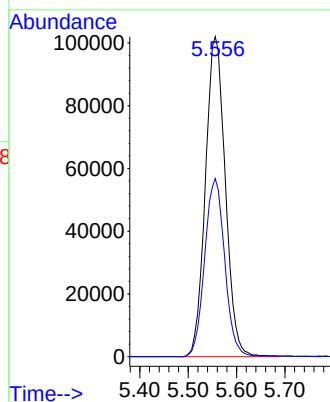
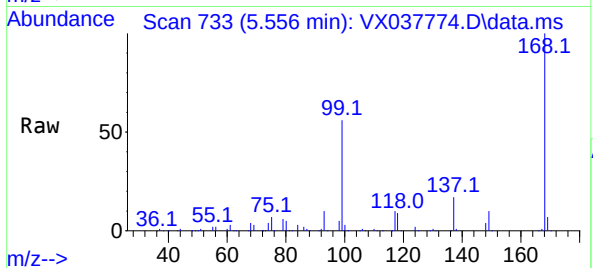




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

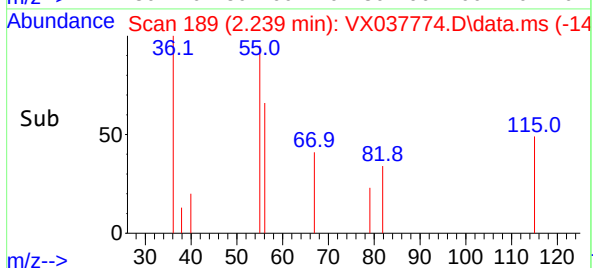
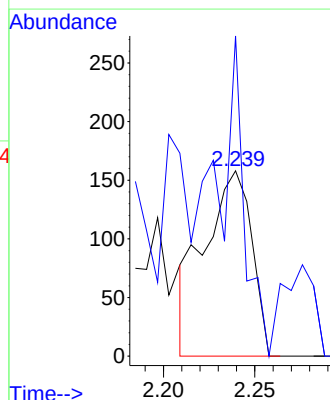
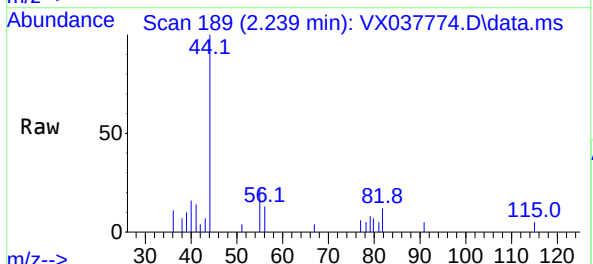
Instrument :
MSVOA_X
ClientSampleId :
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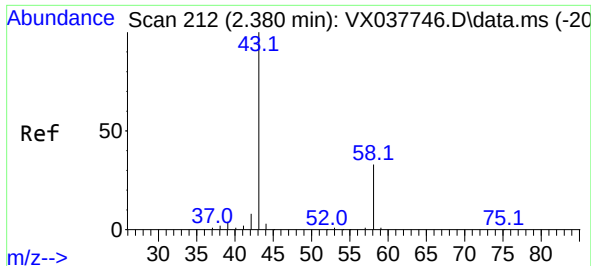
Tgt Ion:168 Resp: 291412
Ion Ratio Lower Upper
168 100
99 55.7 56.6 85.0#



#13
Acrolein
Concen: 0.351 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 56 Resp: 285
Ion Ratio Lower Upper
56 100
55 26.3 57.1 85.7#

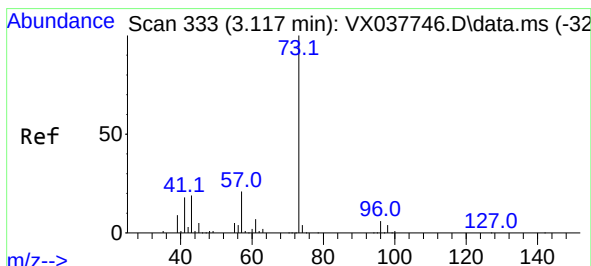
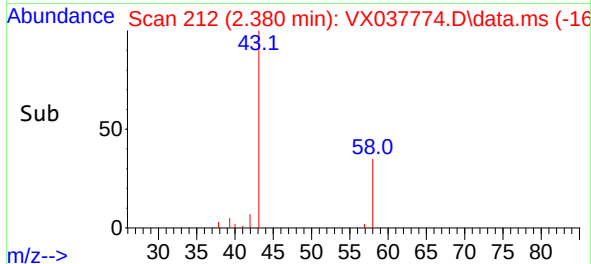
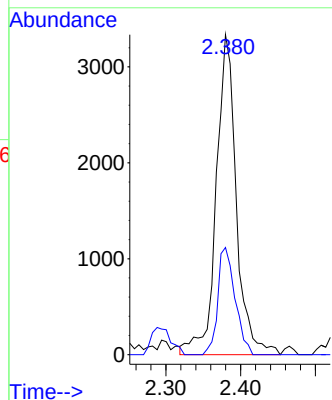
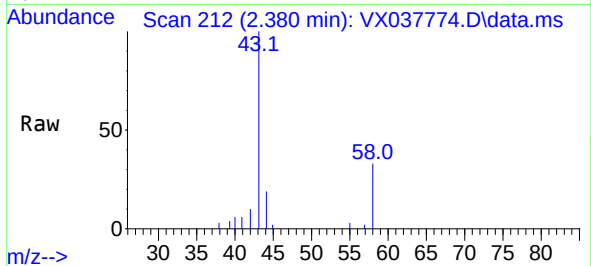




#16
Acetone
Concen: 3.392 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

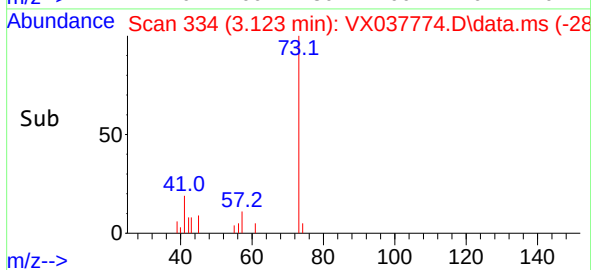
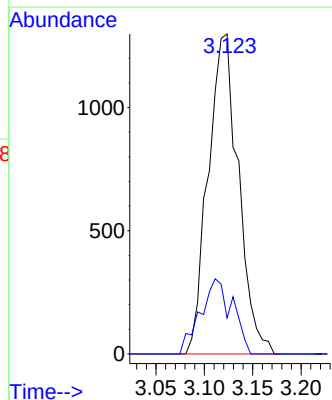
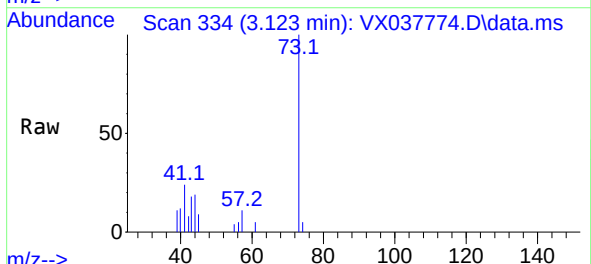
Instrument : MSVOA_X
ClientSampleId : BP-VPB-RW10A-DUP-20230911

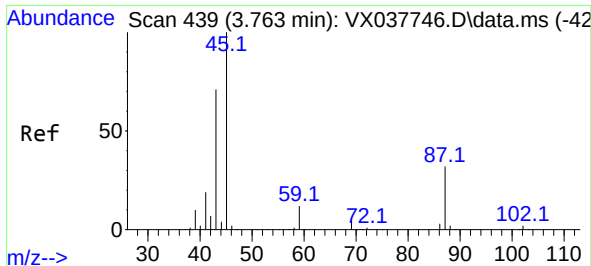
Tgt Ion: 43 Resp: 6248
Ion Ratio Lower Upper
43 100
58 33.5 21.9 32.9#



#19
Methyl tert-butyl Ether
Concen: 0.270 ug/l
RT: 3.123 min Scan# 334
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 73 Resp: 2825
Ion Ratio Lower Upper
73 100
57 11.2 17.3 25.9#

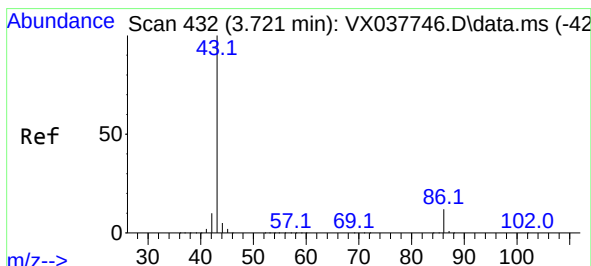
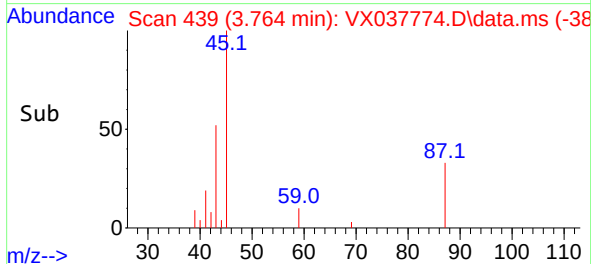
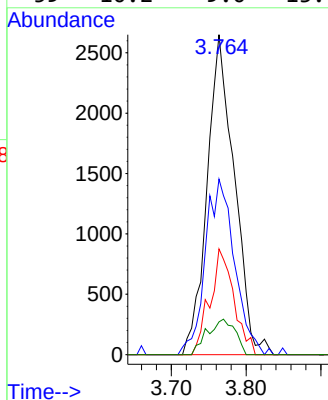
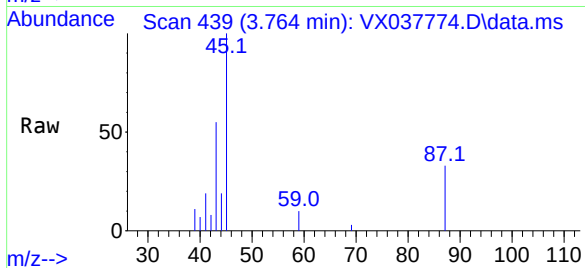




#22
Diisopropyl ether
Concen: 0.681 ug/l
RT: 3.764 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

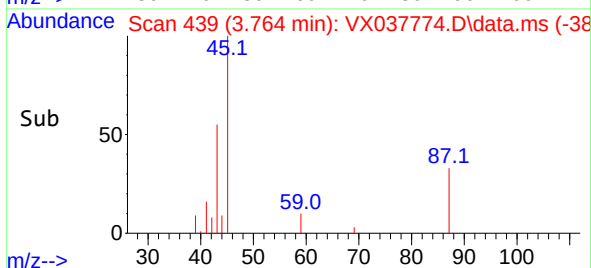
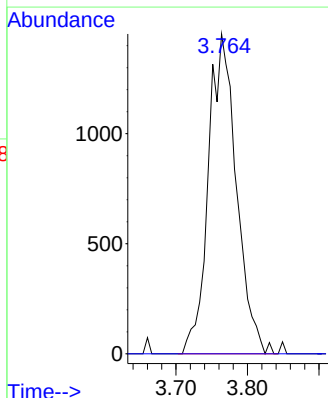
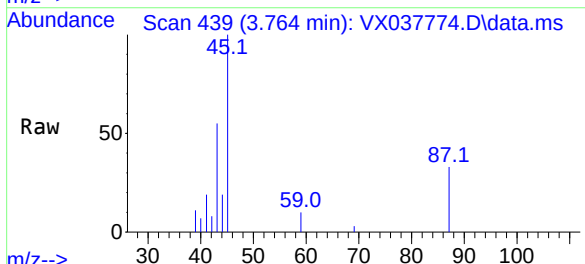
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911

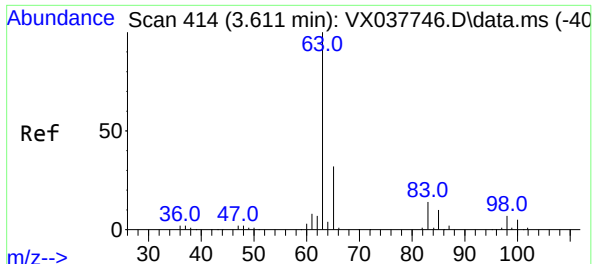
Tgt Ion:	45	Resp:	6714
Ion	Ratio	Lower	Upper
45	100		
43	54.8	69.7	104.5#
87	33.1	20.8	31.2#
59	10.2	9.0	13.4



#23
Vinyl Acetate
Concen: 0.547 ug/l
RT: 3.764 min Scan# 439
Delta R.T. 0.037 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion:	43	Resp:	3967
Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.8	11.8#

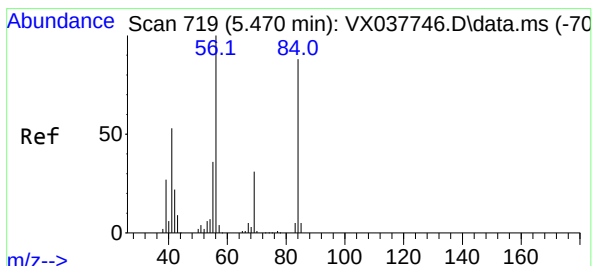
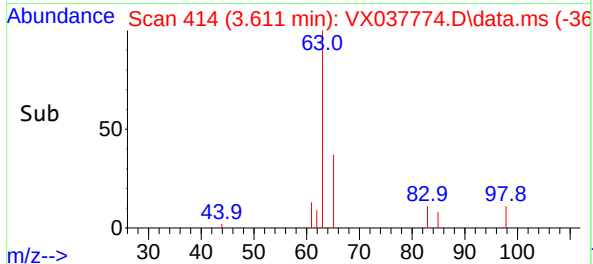
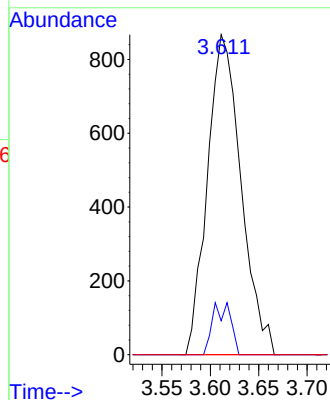
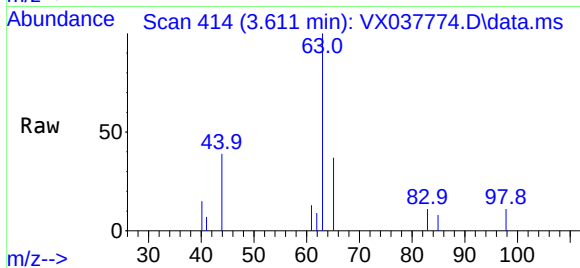




#24
1,1-Dichloroethane
Concen: 0.355 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

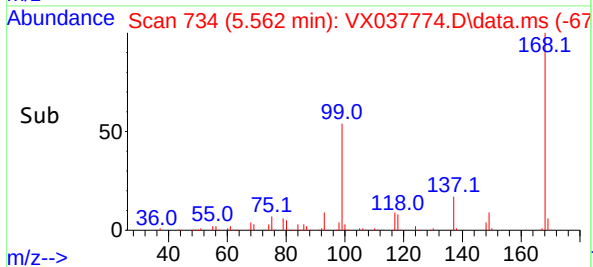
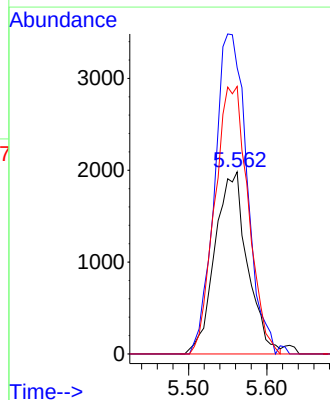
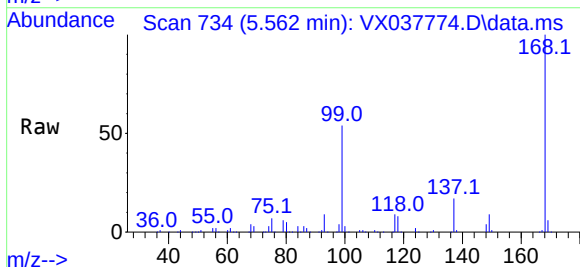
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MSVOA_X
ClientSampleId :
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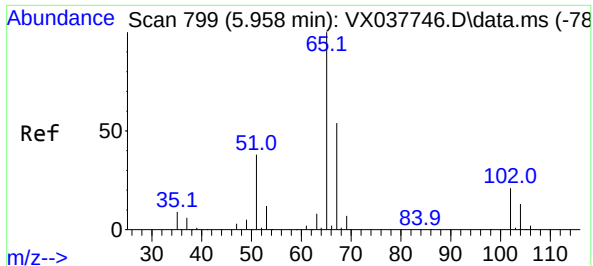
Tgt Ion:	63	Resp:	2099
Ion	Ratio	Lower	Upper
63	100		
98	10.6	3.3	9.8#
100	0.0	2.1	6.5#



#31
Cyclohexane
Concen: 1.162 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion:	56	Resp:	5712
Ion	Ratio	Lower	Upper
56	100		
69	157.2	23.4	35.2#
84	146.9	65.9	98.9#

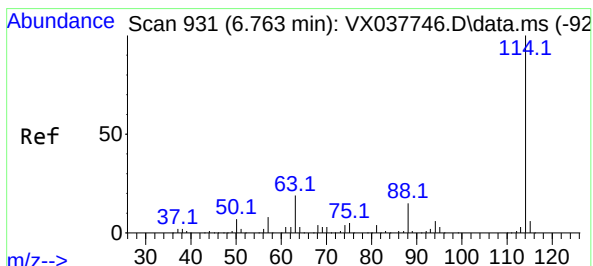
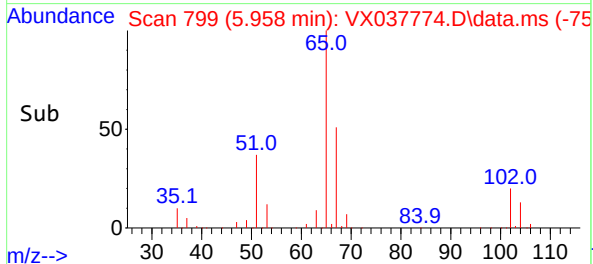
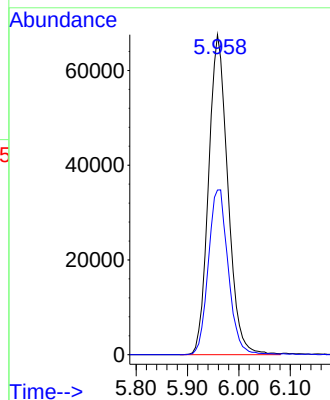
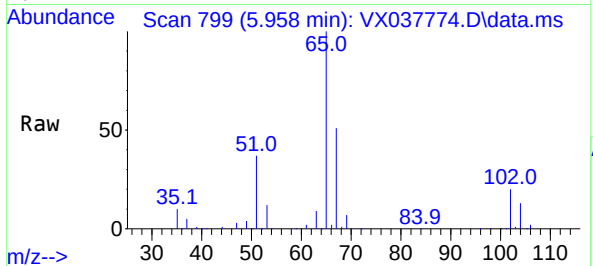




#33
1,2-Dichloroethane-d4
Concen: 45.943 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

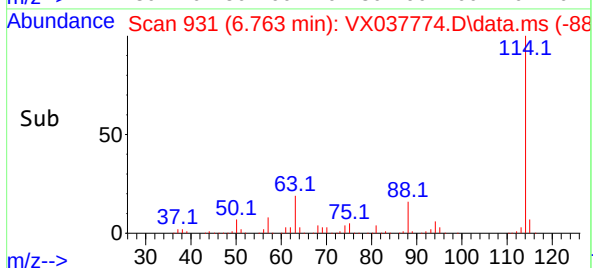
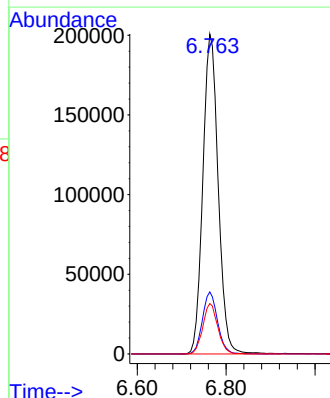
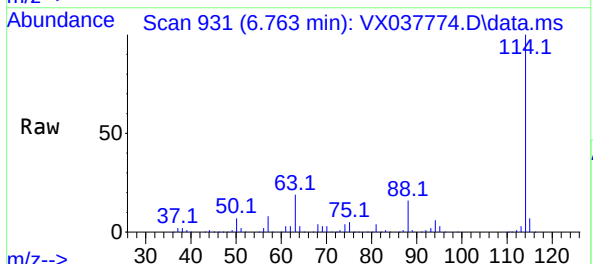
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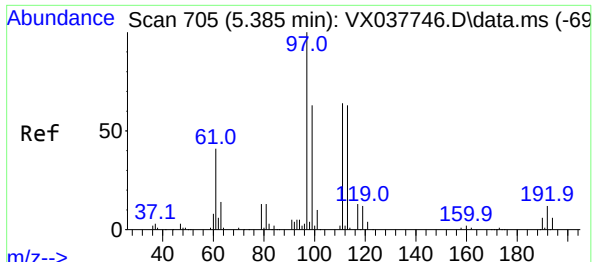
Tgt Ion: 65 Resp: 175902
Ion Ratio Lower Upper
65 100
67 53.2 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 114 Resp: 482588
Ion Ratio Lower Upper
114 100
63 19.4 0.0 45.0
88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.576 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX037774.D

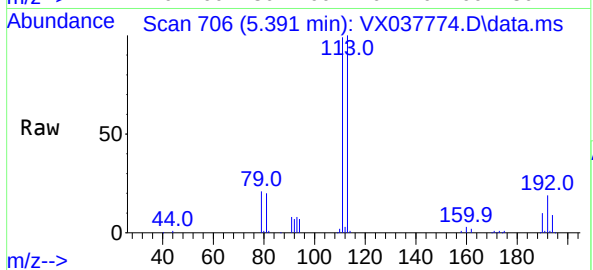
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Instrument :

MSVOA_X

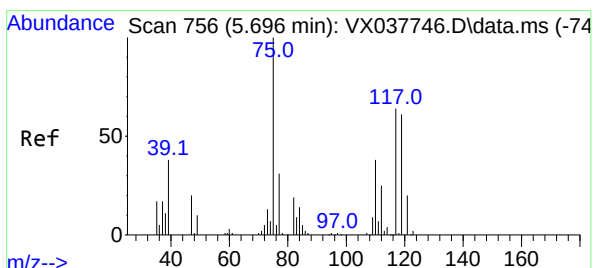
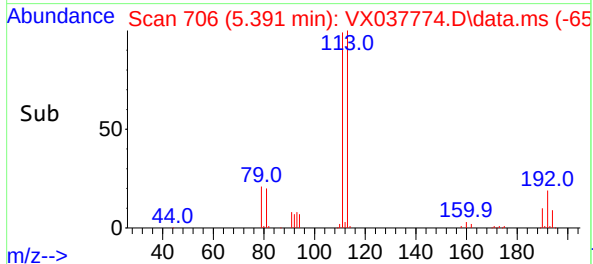
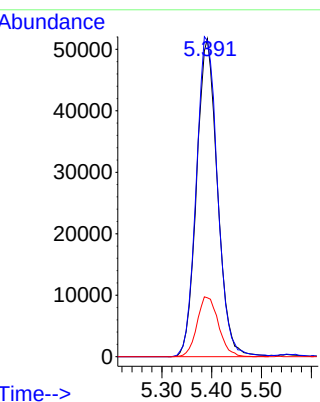
ClientSampleId :

BP-VPB-RW10A-DUP-20230911



Tgt Ion:113 Resp: 150394

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.9	124.3
192	19.3	13.3	19.9



#36

1,1-Dichloropropene

Concen: 4.842 ug/l

RT: 5.550 min Scan# 732

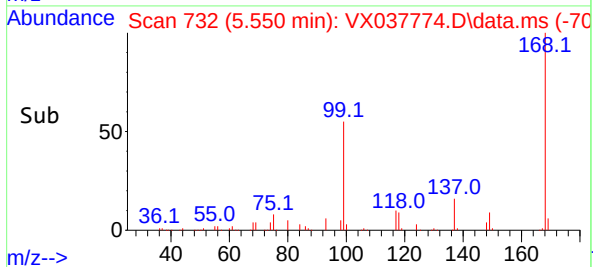
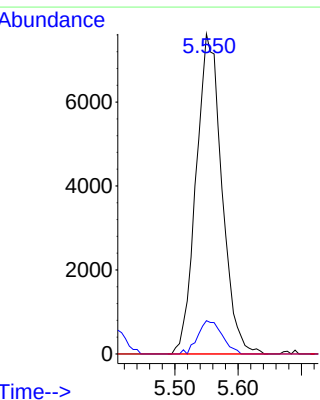
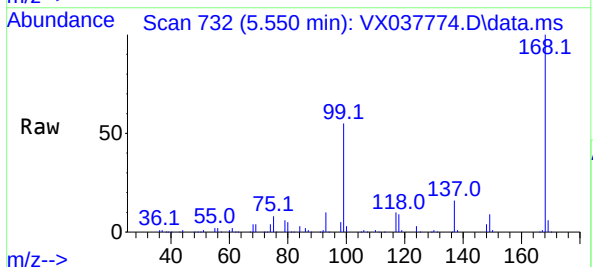
Delta R.T. -0.146 min

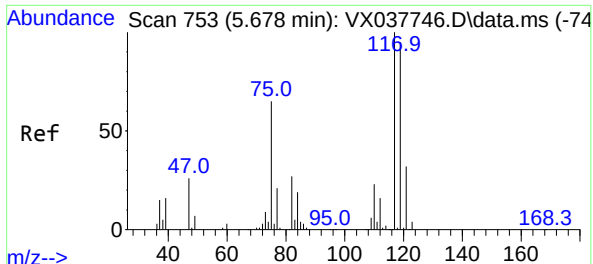
Lab File: VX037774.D

Acq: 18 Sep 2023 14:07

Tgt Ion: 75 Resp: 21538

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.0	50.9#
77	0.0	24.7	37.1#

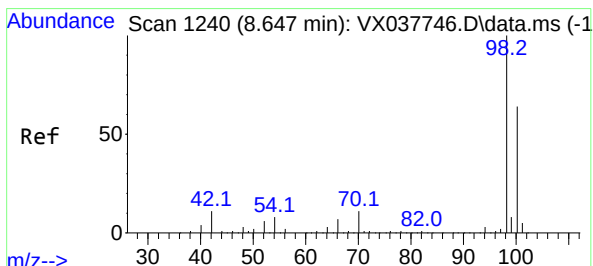
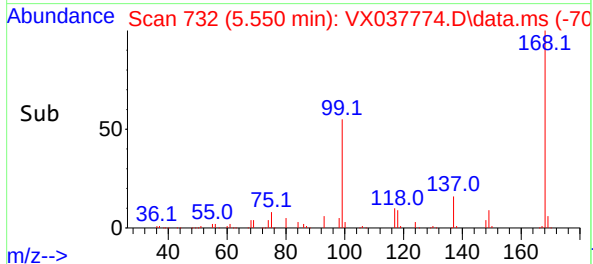
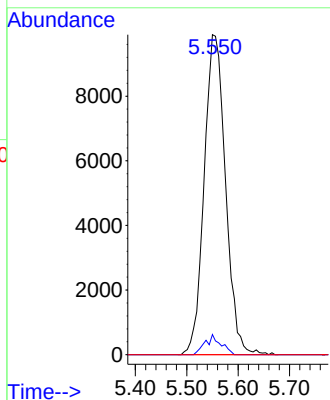
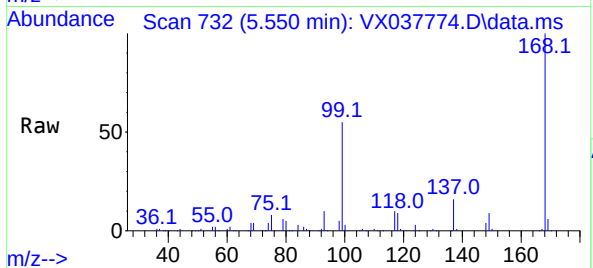




#38
Carbon Tetrachloride
Concen: 6.144 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

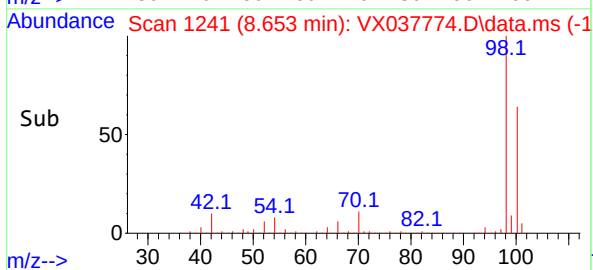
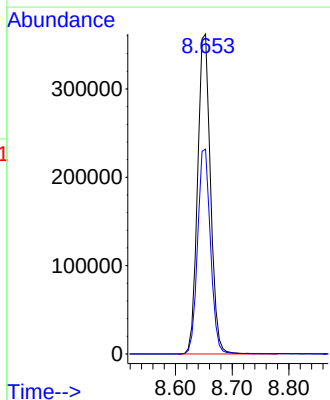
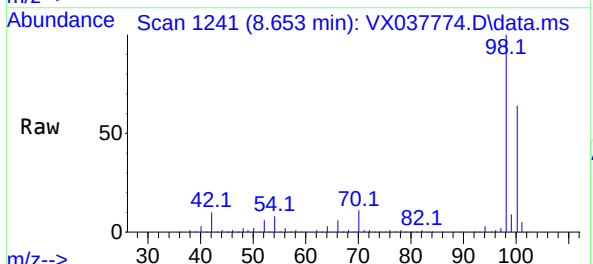
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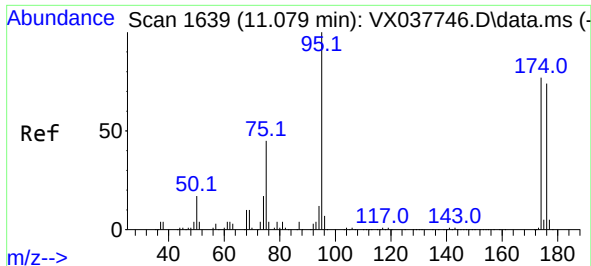
Tgt Ion:117 Resp: 28597
Ion Ratio Lower Upper
117 100
119 6.3 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 47.645 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 98 Resp: 571640
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7

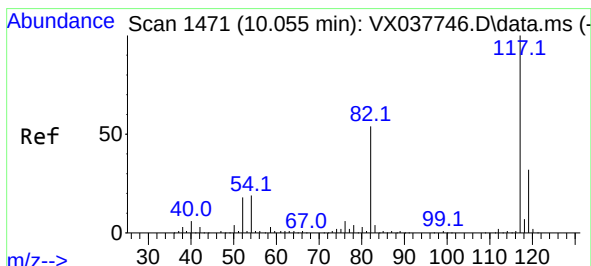
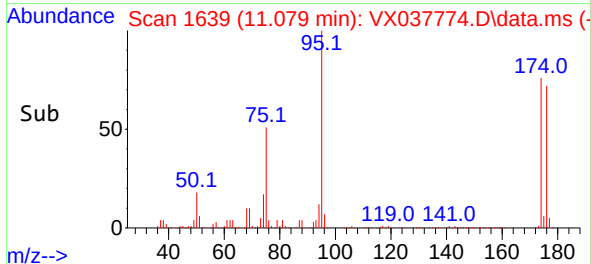
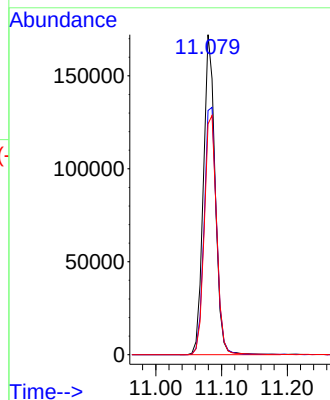
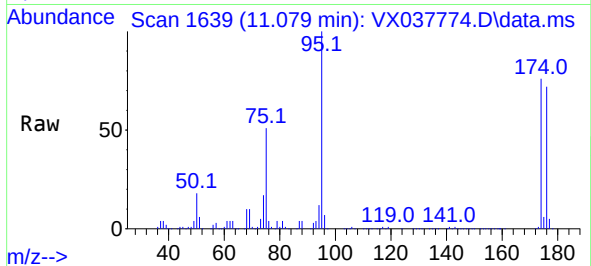




#62
4-Bromofluorobenzene
Concen: 49.024 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

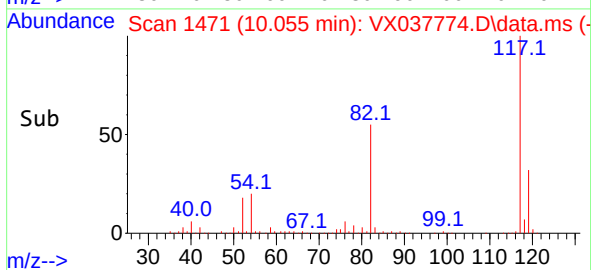
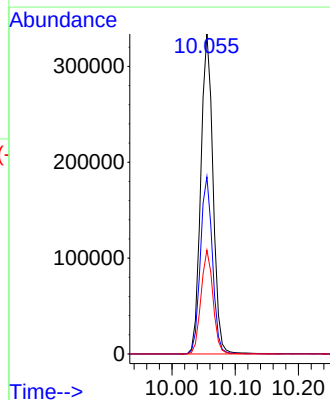
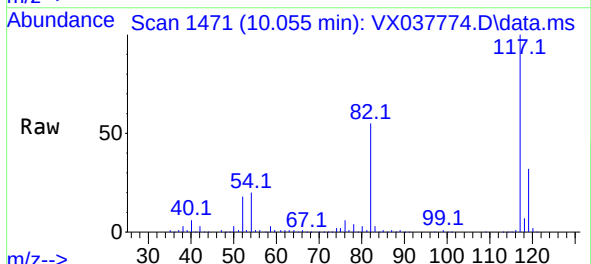
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911

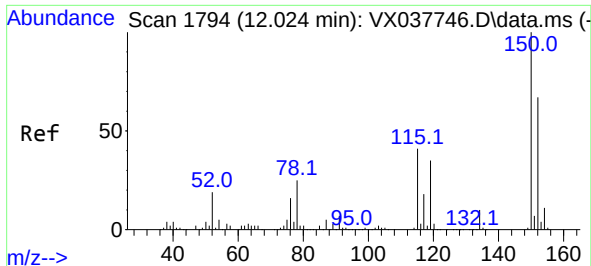
Tgt Ion: 95 Resp: 213732
Ion Ratio Lower Upper
95 100
174 81.3 0.0 135.6
176 78.3 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Tgt Ion: 117 Resp: 449374
Ion Ratio Lower Upper
117 100
82 55.3 46.2 69.4
119 32.5 25.5 38.3

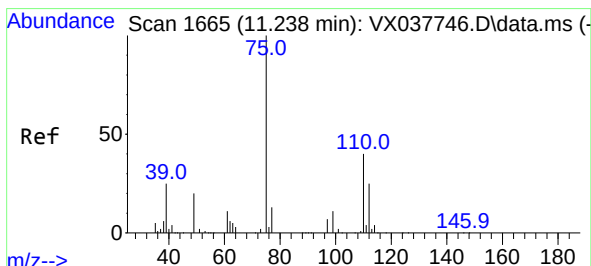
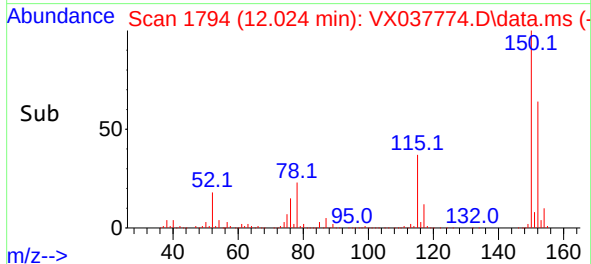
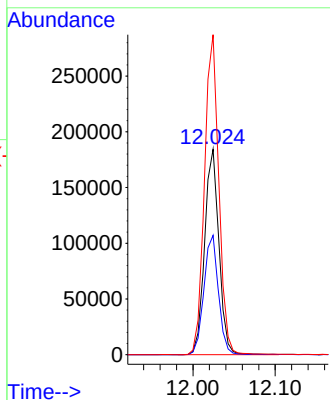
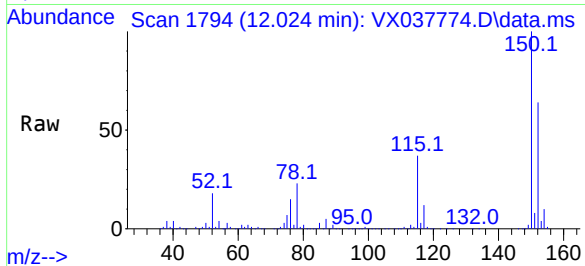




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

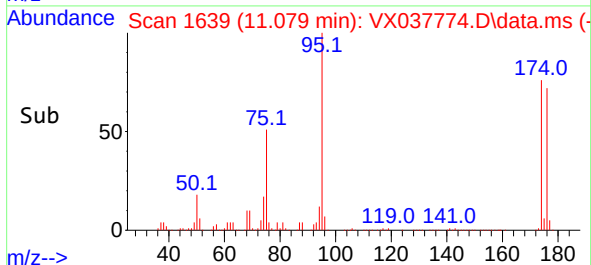
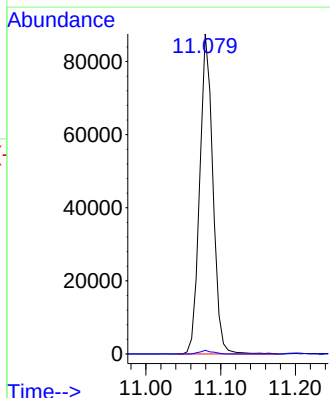
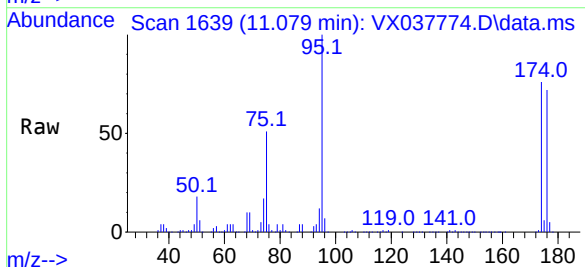
Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911

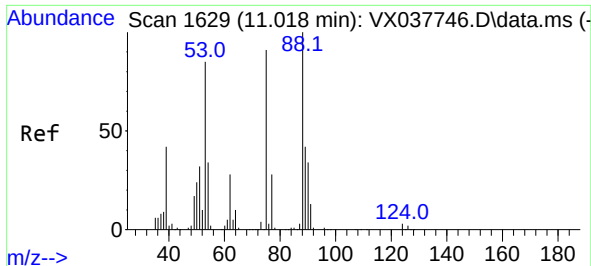
Tgt Ion:152 Resp: 222577
Ion Ratio Lower Upper
152 100
115 59.2 43.3 129.9
150 156.8 0.0 345.0



#76
1,2,3-Trichloropropane
Concen: 20.841 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

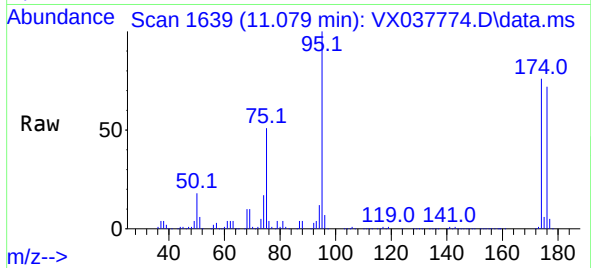
Tgt Ion: 75 Resp: 107287
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.760 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX037774.D
Acq: 18 Sep 2023 14:07

Instrument :
MSVOA_X
ClientSampleId :
BP-VPB-RW10A-DUP-20230911



Tgt Ion: 75 Resp: 107287
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

