

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090523\
 Data File : VX037516.D
 Acq On : 05 Sep 2023 16:47
 Operator : JC/MD
 Sample : 04276-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAG

Quant Time: Sep 06 02:56:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	119026	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	198320	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177335	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	71491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	73191	42.653	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	85.300%		
35) Dibromofluoromethane	5.385	113	62137	47.309	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.620%		
50) Toluene-d8	8.653	98	236421	49.623	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.240%		
62) 4-Bromofluorobenzene	11.079	95	80620	43.059	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	86.120%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.313	50	525	0.434	ug/l #	85
6) Chloroethane	1.685	64	187	0.241	ug/l #	43
16) Acetone	2.386	43	1274	1.898	ug/l	90
18) Methyl Acetate	2.544	43	1014	0.401	ug/l #	53
20) Methylene Chloride	2.788	84	981	0.653	ug/l #	87
31) Cyclohexane	5.544	56	2032	1.053	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	9099	4.876	ug/l #	51
38) Carbon Tetrachloride	5.556	117	12228	6.033	ug/l #	15
44) Trichloroethene	7.129	130	324	0.214	ug/l	76
51) 4-Methyl-2-Pentanone	8.653	43	790	0.430	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	39311	25.820	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	39311	72.116	ug/l #	5

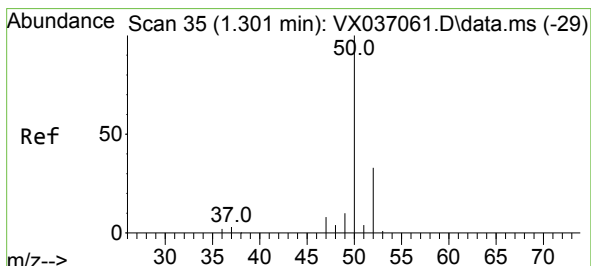
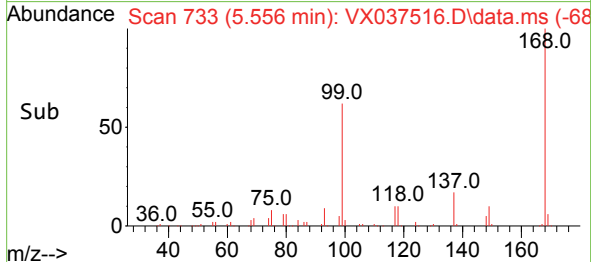
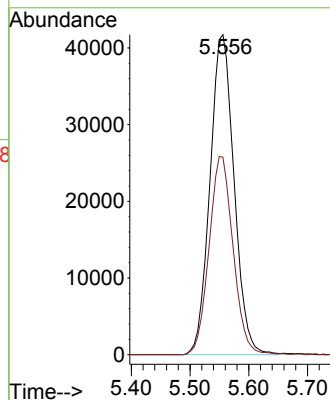
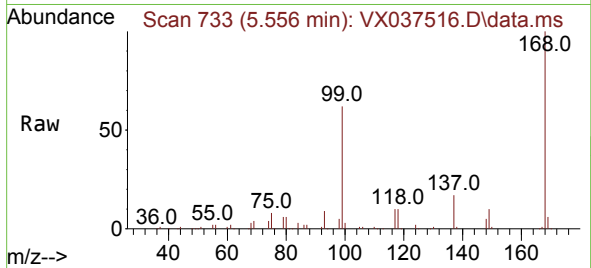
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX037516.D
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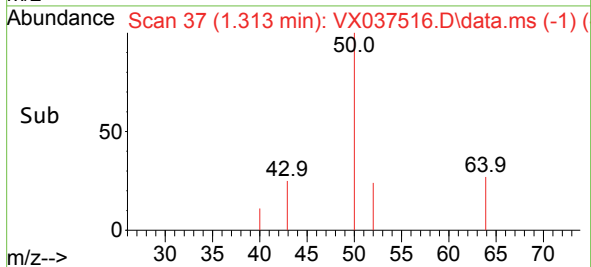
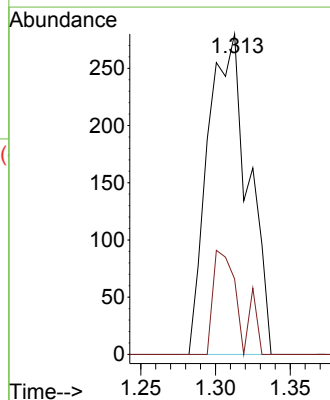
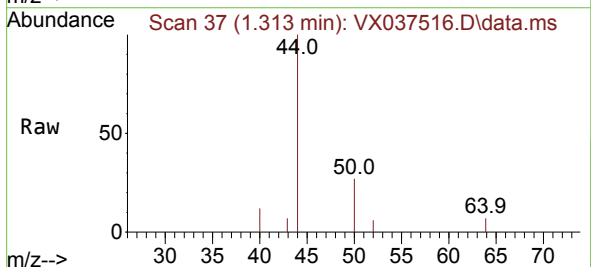
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

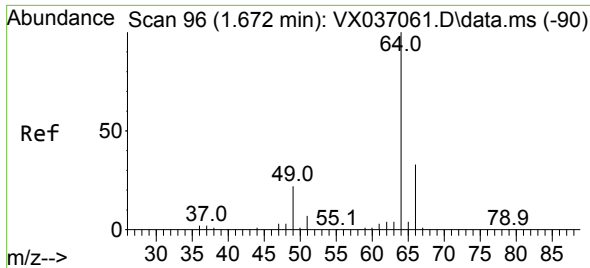
Tgt Ion:168 Resp: 119026
Ion Ratio Lower Upper
168 100
99 61.7 56.6 85.0



#3
Chloromethane
Concen: 0.434 ug/l
RT: 1.313 min Scan# 37
Delta R.T. 0.012 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 50 Resp: 525
Ion Ratio Lower Upper
50 100
52 23.6 25.5 38.3#

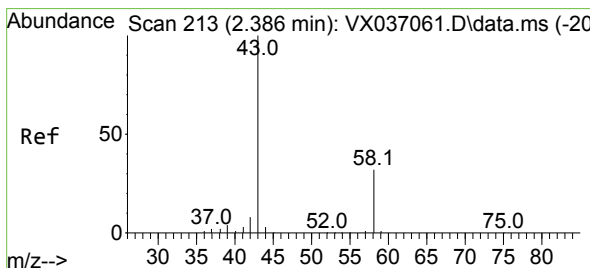
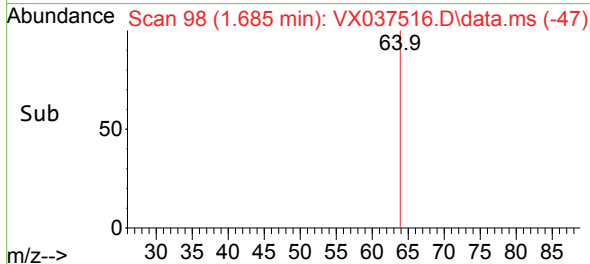
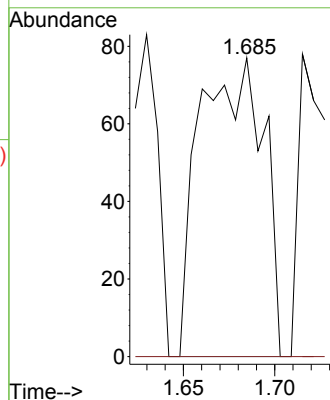
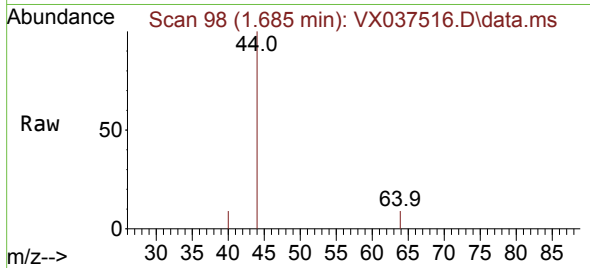




#6
Chloroethane
Concen: 0.241 ug/l
RT: 1.685 min Scan# 96
Delta R.T. 0.013 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

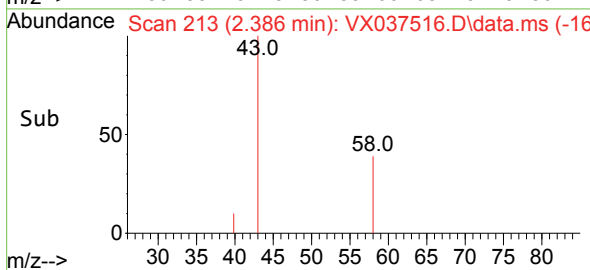
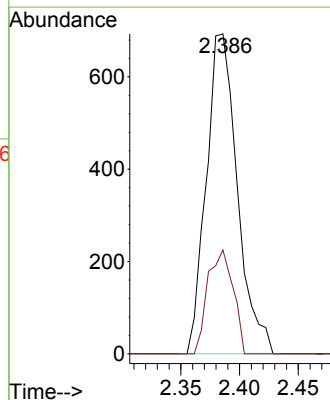
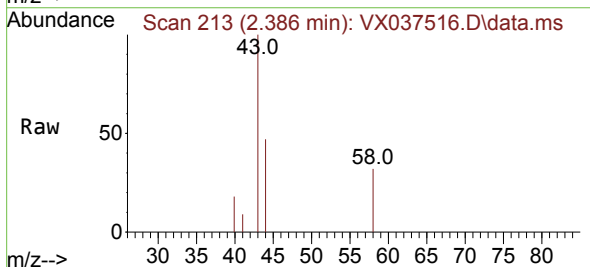
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

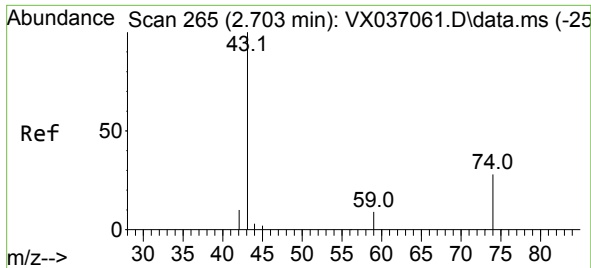
Tgt Ion: 64 Resp: 187
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#16
Acetone
Concen: 1.898 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 43 Resp: 1274
Ion Ratio Lower Upper
43 100
58 32.5 21.9 32.9

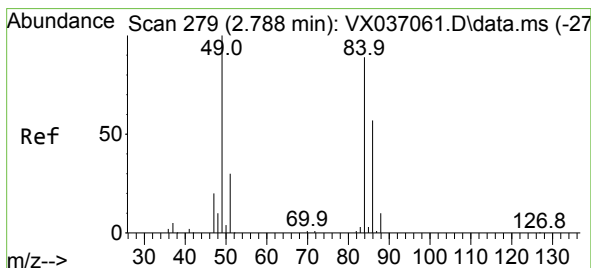
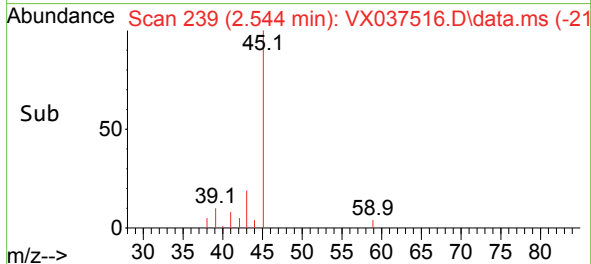
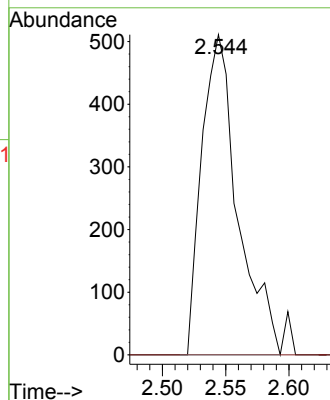
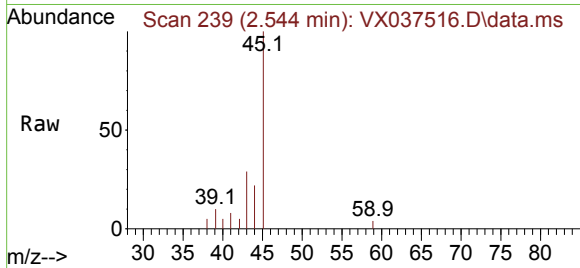




#18
Methyl Acetate
Concen: 0.401 ug/l
RT: 2.544 min Scan# 21
Delta R.T. -0.158 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

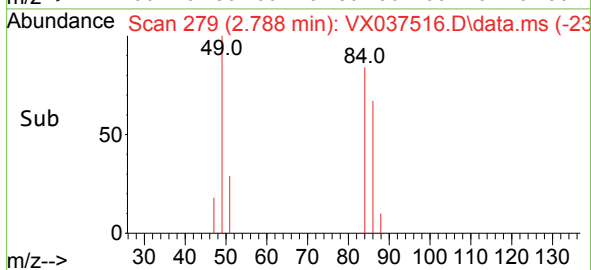
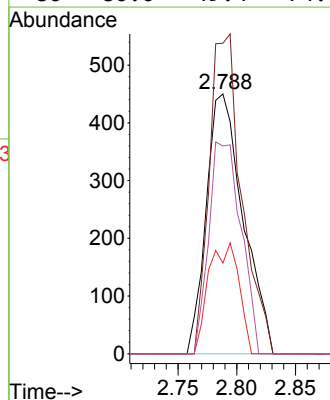
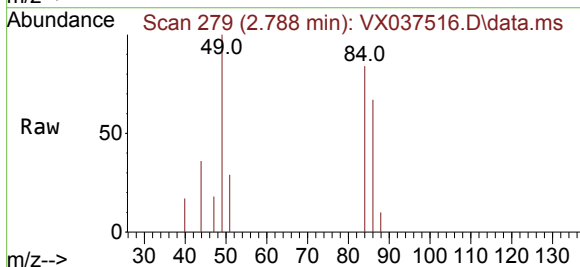
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

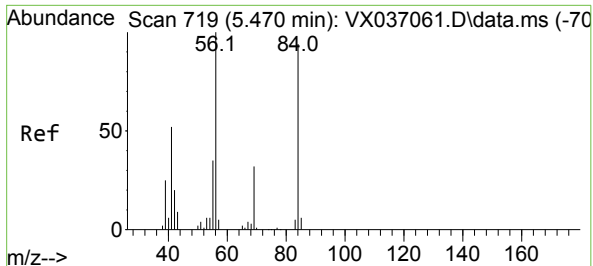
Tgt Ion: 43 Resp: 1014
Ion Ratio Lower Upper
43 100
74 0.0 17.8 26.8#



#20
Methylene Chloride
Concen: 0.653 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

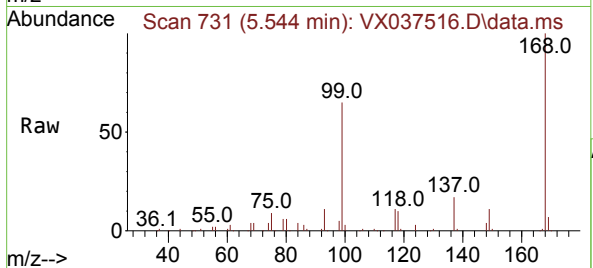
Tgt Ion: 84 Resp: 981
Ion Ratio Lower Upper
84 100
49 119.6 103.6 155.4
51 34.9 33.8 50.6
86 80.0 49.4 74.0#



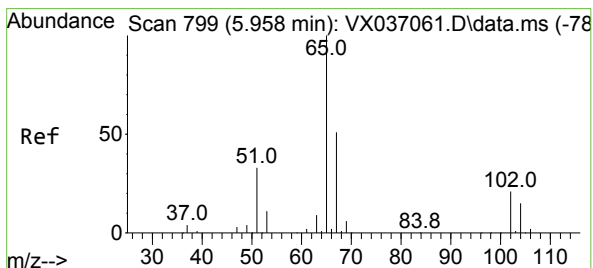
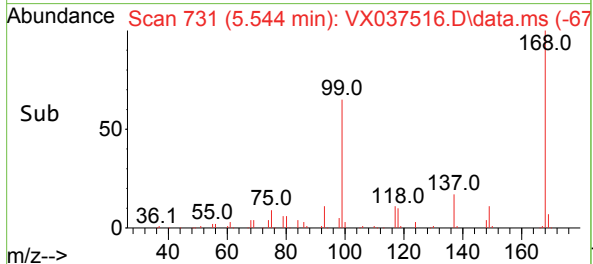
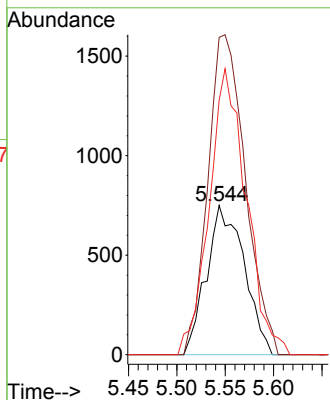


#31
Cyclohexane
Concen: 1.053 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

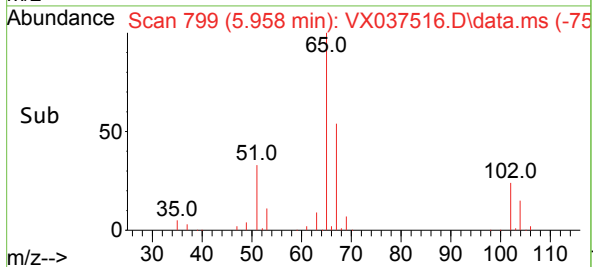
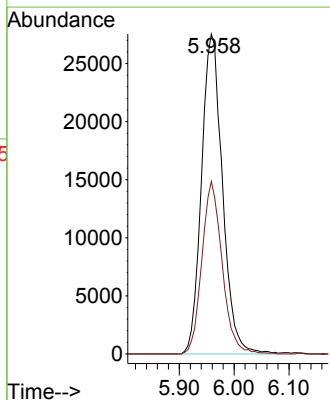
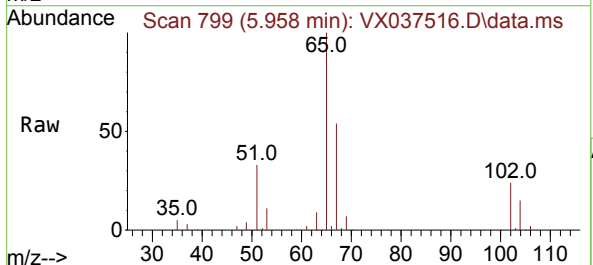


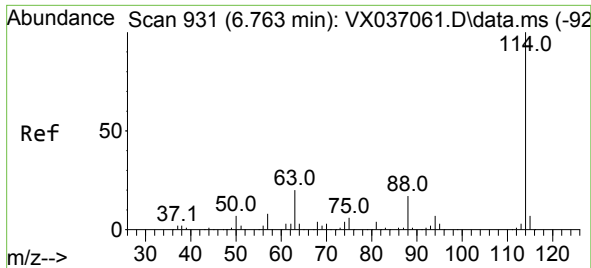
Tgt Ion: 56 Resp: 2032
Ion Ratio Lower Upper
56 100
69 212.5 23.4 35.2#
84 170.5 65.9 98.9#



#33
1,2-Dichloroethane-d4
Concen: 42.653 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 65 Resp: 73191
Ion Ratio Lower Upper
65 100
67 52.2 0.0 100.2

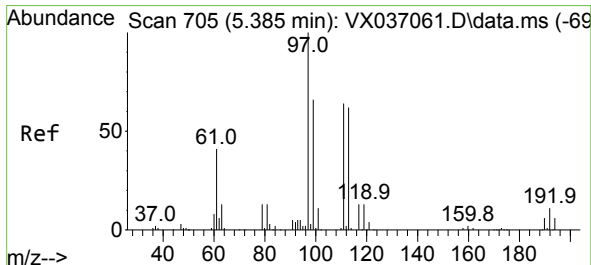
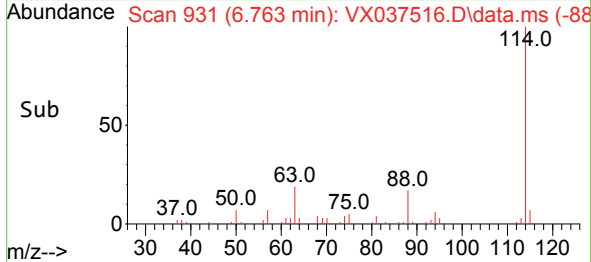
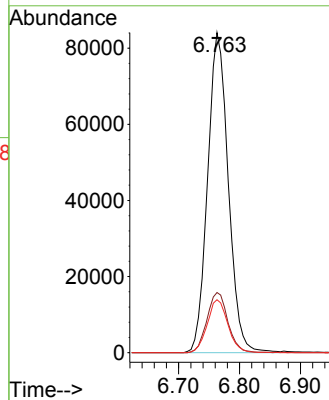
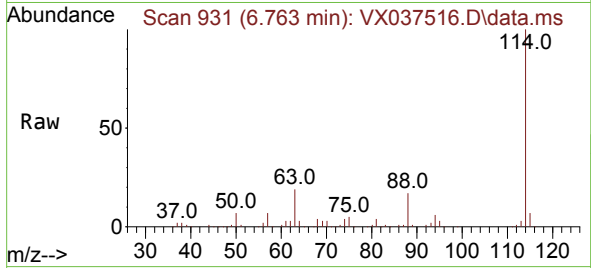




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

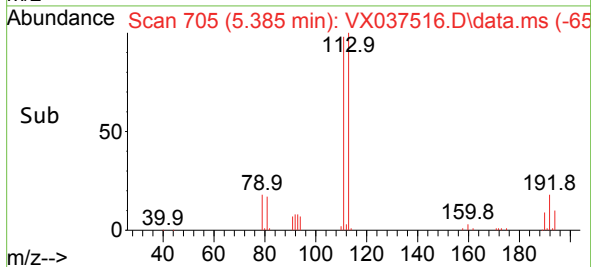
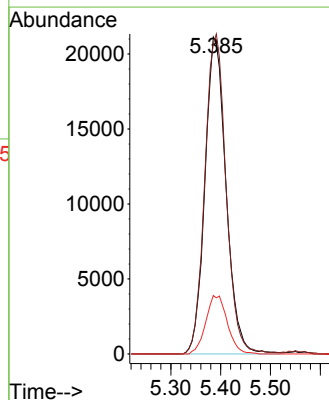
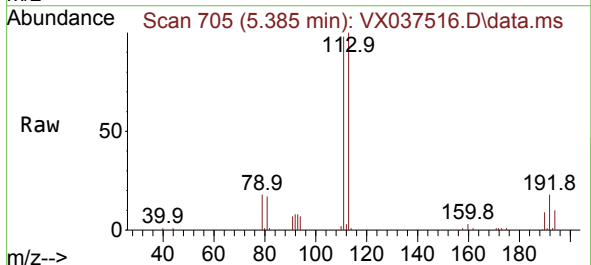
Instrument :
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ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

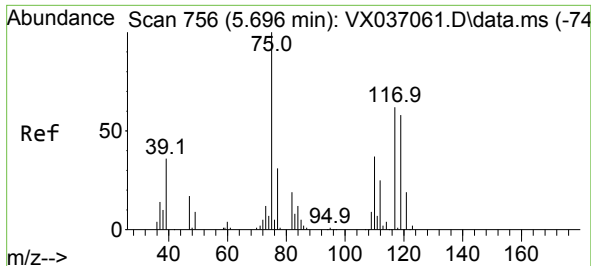
Tgt Ion:114 Resp: 198320
Ion Ratio Lower Upper
114 100
63 18.8 0.0 45.0
88 16.5 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.309 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion:113 Resp: 62137
Ion Ratio Lower Upper
113 100
111 101.4 82.9 124.3
192 18.8 13.3 19.9

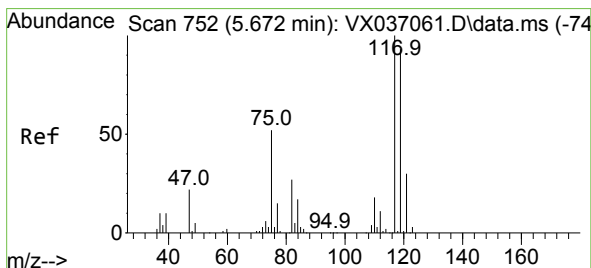
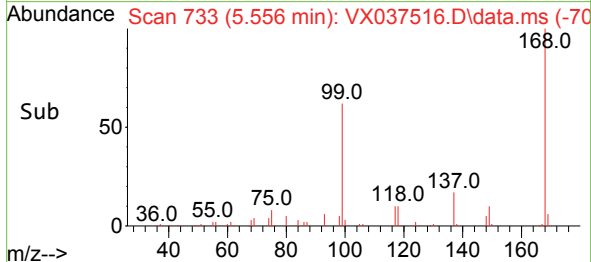
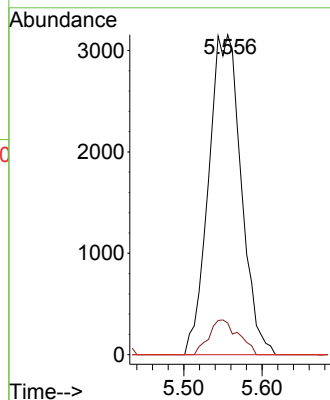
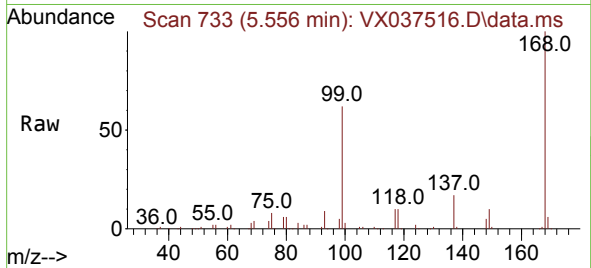




#36
1,1-Dichloropropene
Concen: 4.876 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

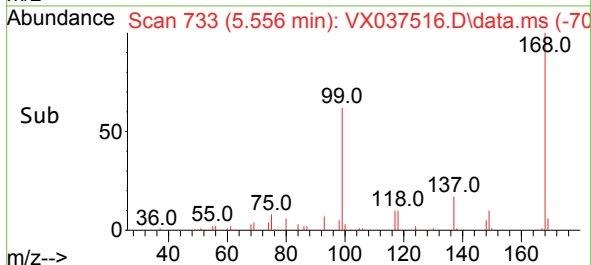
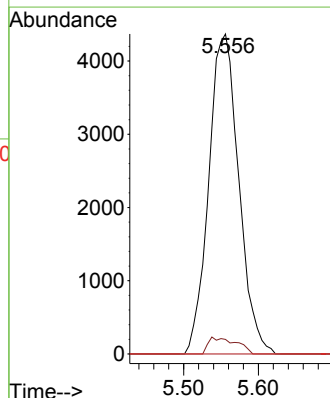
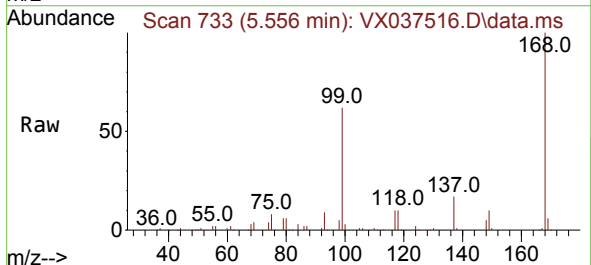
Instrument :
MSVOA_X
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STORAGE-BLANK-SAMPLE-MANAG

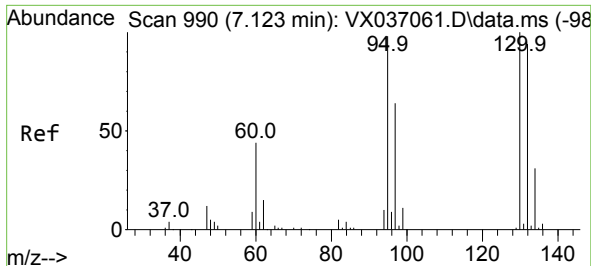
Tgt Ion: 75 Resp: 9099
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



#38
Carbon Tetrachloride
Concen: 6.033 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 117 Resp: 12228
Ion Ratio Lower Upper
117 100
119 4.5 78.2 117.2#
121 0.0 24.4 36.6#

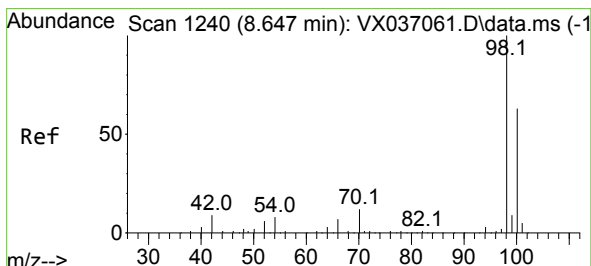
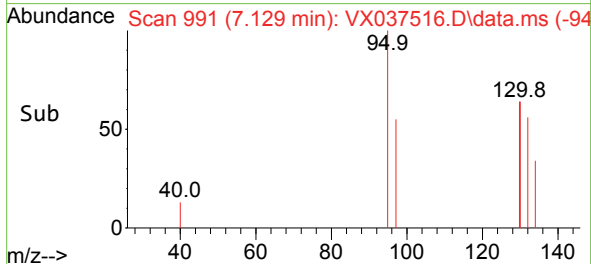
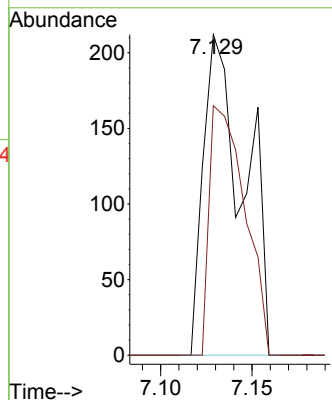
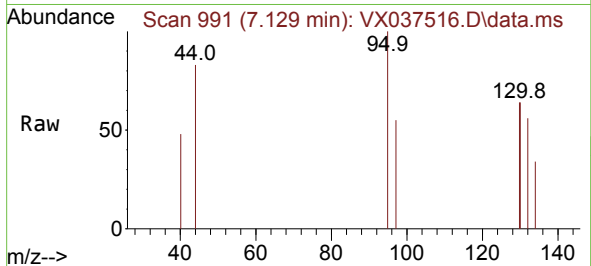




#44
Trichloroethene
Concen: 0.214 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

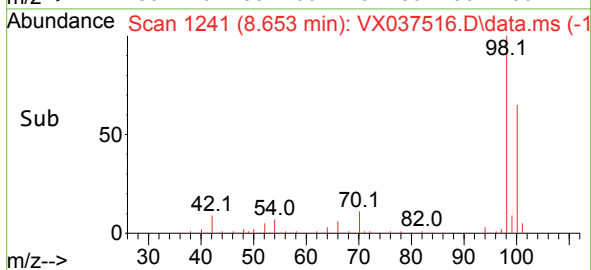
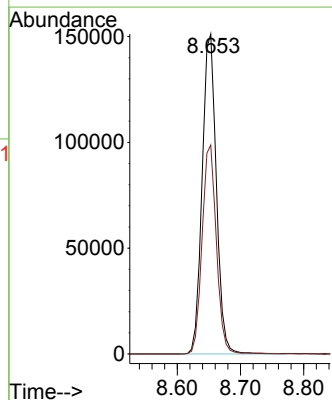
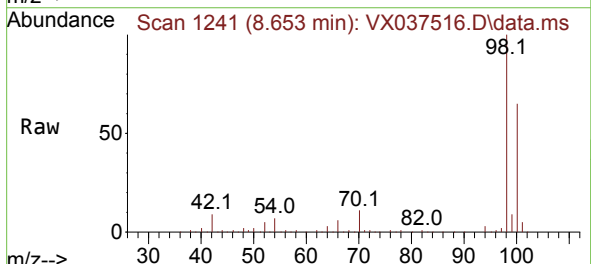
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

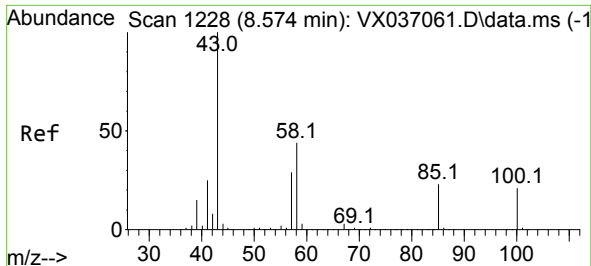
Tgt Ion:130 Resp: 324
Ion Ratio Lower Upper
130 100
95 77.8 0.0 204.4



#50
Toluene-d8
Concen: 49.623 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.006 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 98 Resp: 236421
Ion Ratio Lower Upper
98 100
100 65.7 53.1 79.7

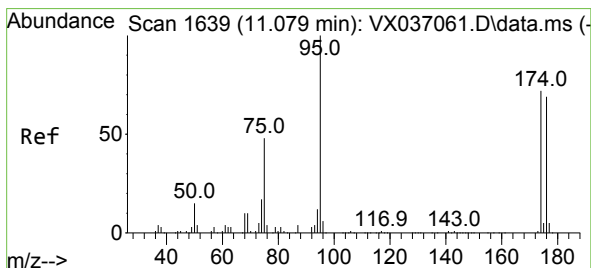
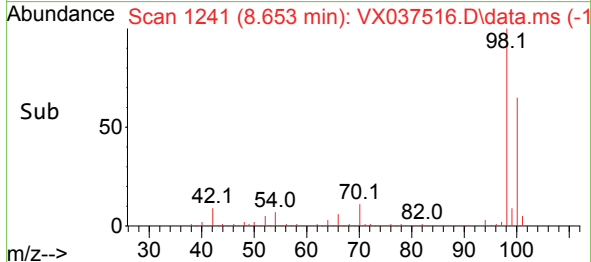
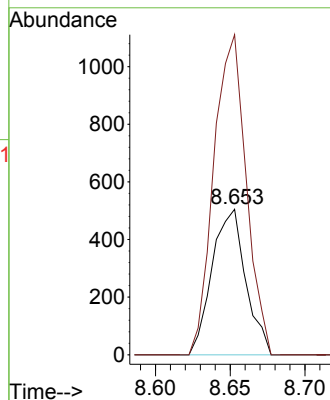
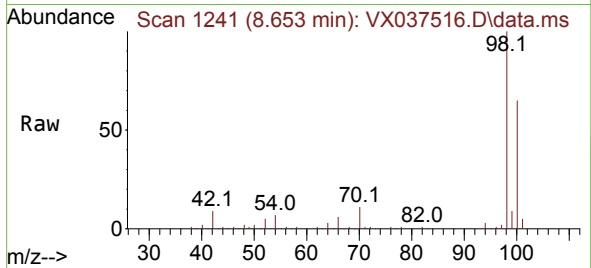




#51
4-Methyl-2-Pentanone
Concen: 0.430 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

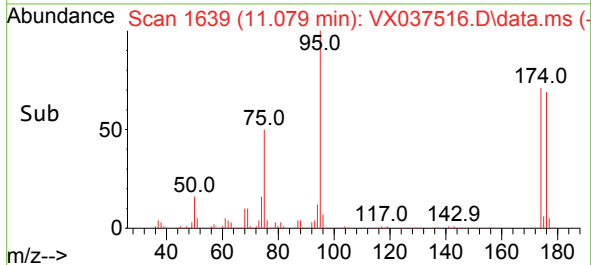
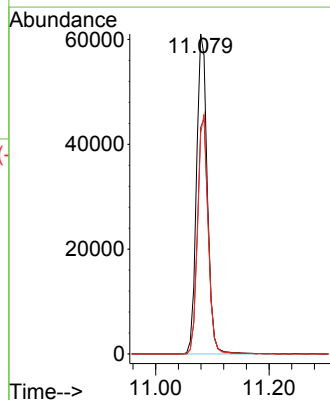
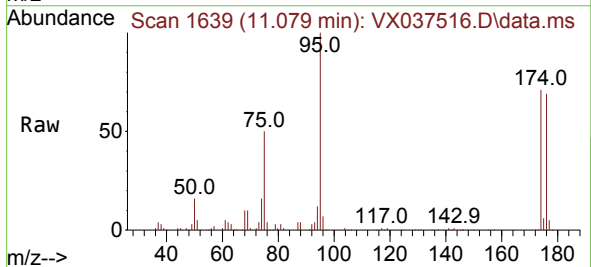
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAG

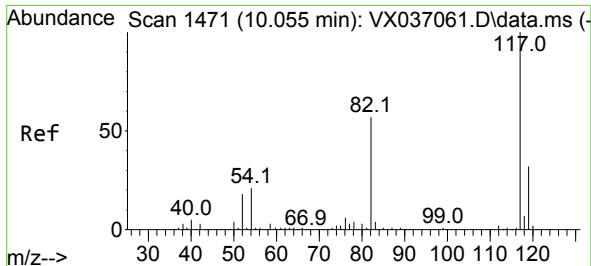
Tgt Ion: 43 Resp: 790
Ion Ratio Lower Upper
43 100
58 211.8 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 43.059 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 95 Resp: 80620
Ion Ratio Lower Upper
95 100
174 73.7 0.0 135.6
176 72.2 0.0 131.0

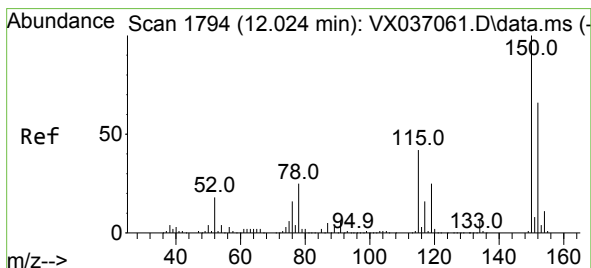
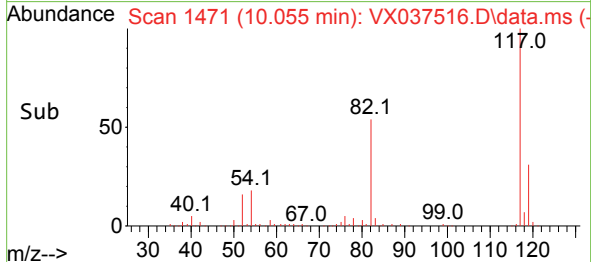
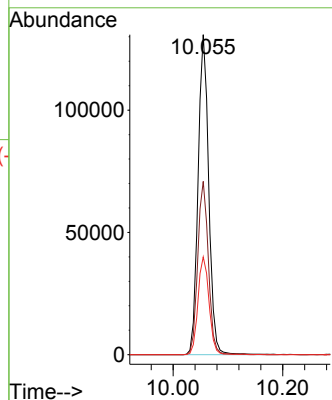
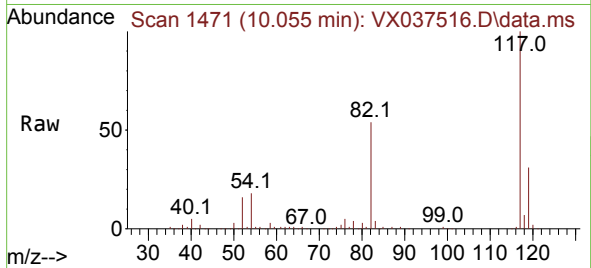




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

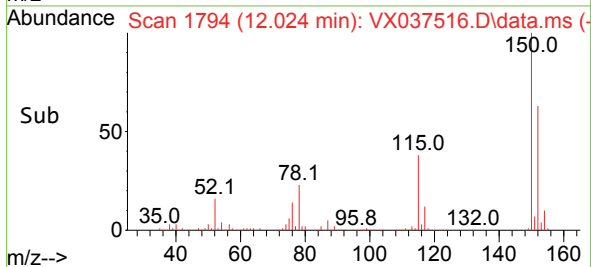
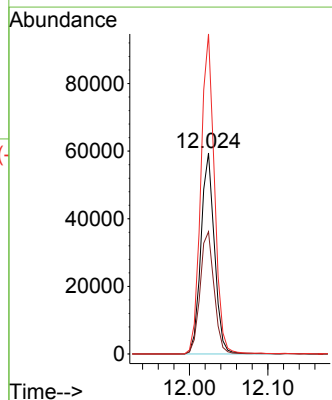
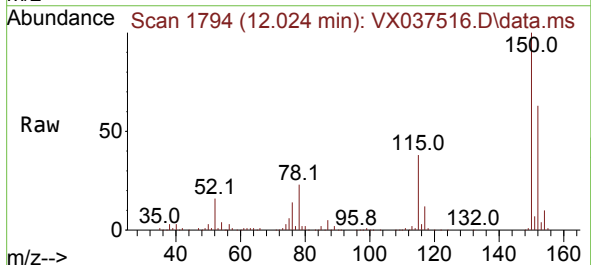
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

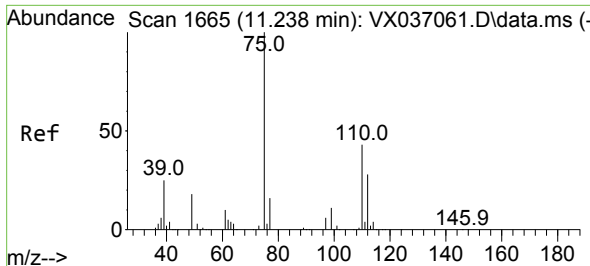
Tgt Ion:117 Resp: 177335
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 30.6 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion:152 Resp: 71491
Ion Ratio Lower Upper
152 100
115 62.9 43.3 129.9
150 160.3 0.0 345.0

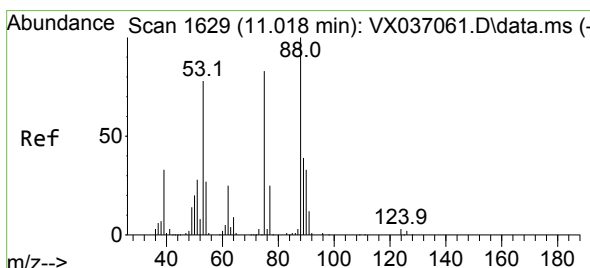
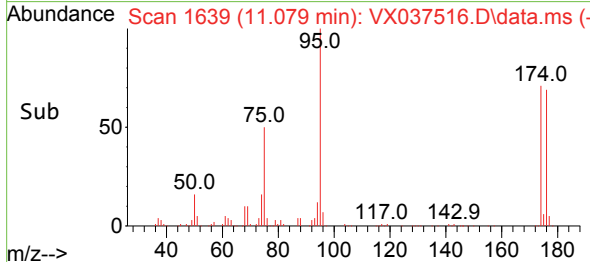
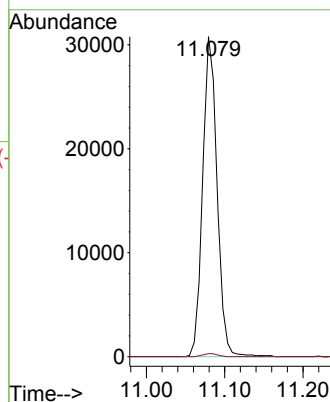
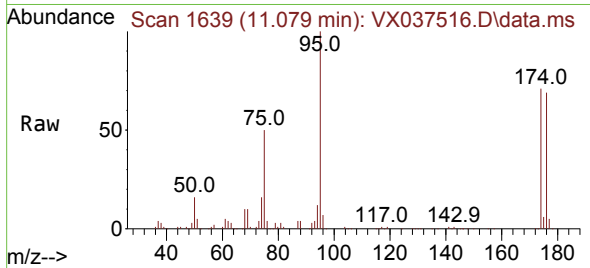




#76
1,2,3-Trichloropropane
Concen: 25.820 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAG

Tgt Ion: 75 Resp: 39311
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.116 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX037516.D
Acq: 05 Sep 2023 16:47

Tgt Ion: 75 Resp: 39311
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 36.9 55.3#

