

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035018.D
 Acq On : 11 Apr 2023 18:39
 Operator : JC/MD
 Sample : 02263-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Apr 12 05:53:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

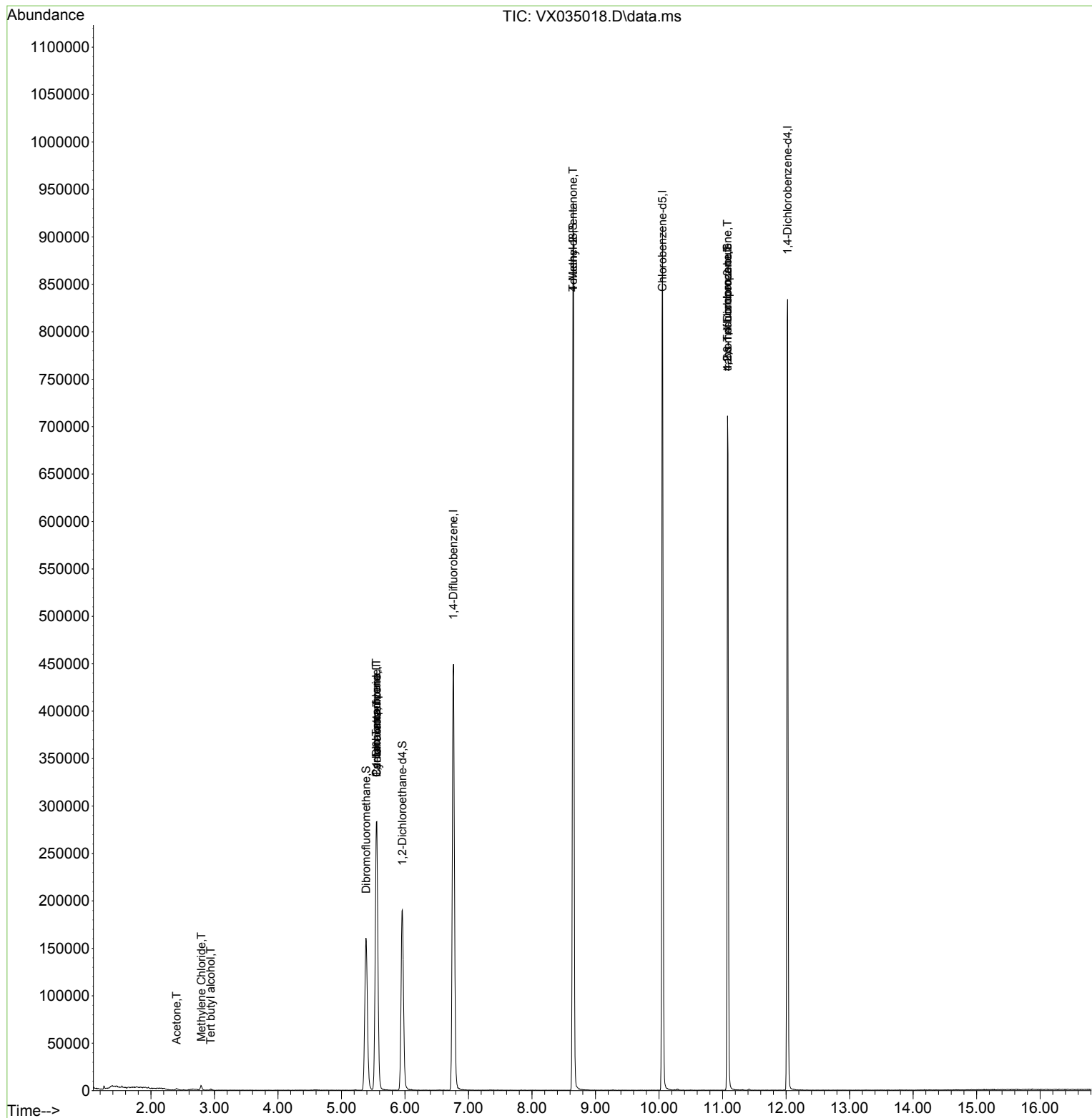
Internal Standards						
1) Pentafluorobenzene	5.556	168	265314	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446653	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	401281	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	173476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190728	47.005	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.020%		
35) Dibromofluoromethane	5.385	113	140998	47.727	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	8.647	98	538959	49.426	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.860%		
62) 4-Bromofluorobenzene	11.079	95	196532	46.575	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.140%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	851	1.195	ug/l #	73
16) Acetone	2.404	43	2266	1.375	ug/l #	77
20) Methylene Chloride	2.794	84	2035	0.626	ug/l	95
31) Cyclohexane	5.556	56	5960	1.206	ug/l #	18
36) 1,1-Dichloropropene	5.550	75	21843	4.991	ug/l #	51
38) Carbon Tetrachloride	5.550	117	28349	6.870	ug/l #	17
51) 4-Methyl-2-Pentanone	8.647	43	2698	0.595	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	103725	29.675	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	103725	88.933	ug/l #	8

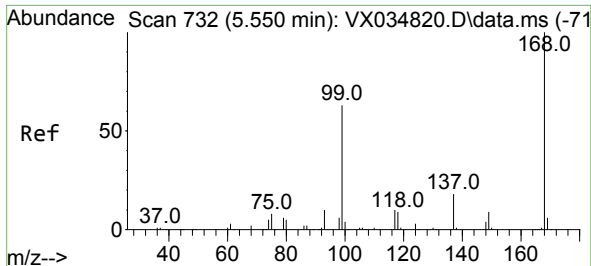
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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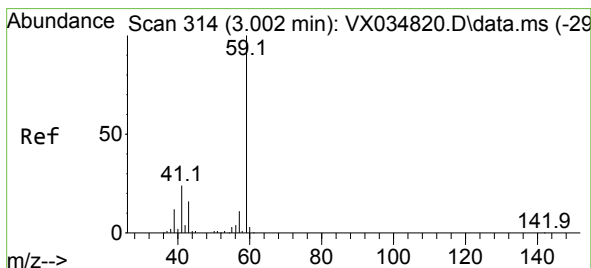
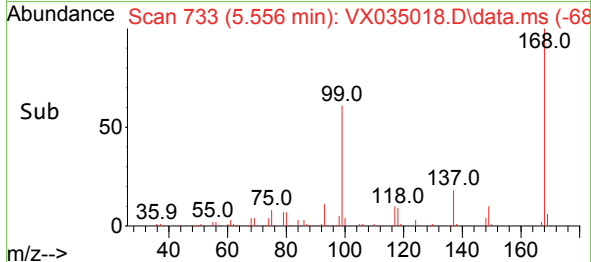
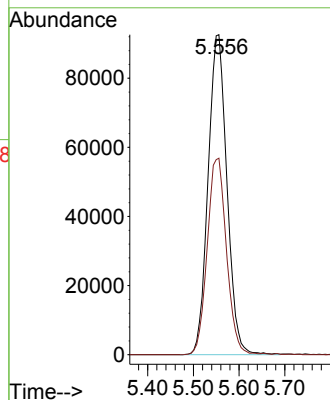
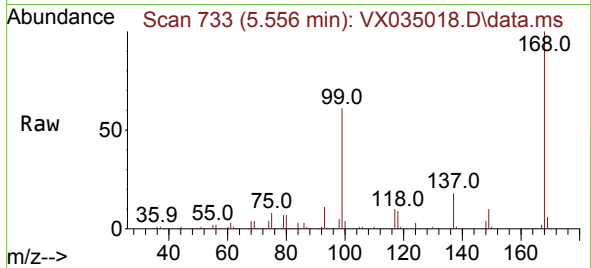




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

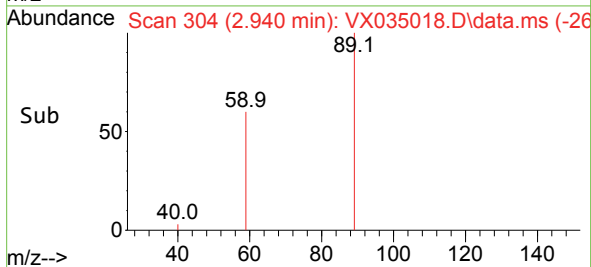
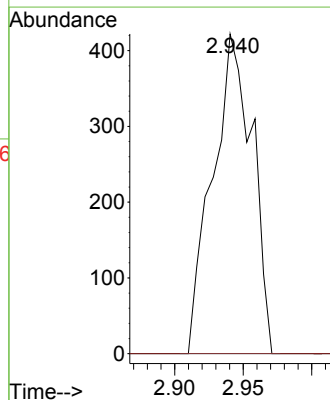
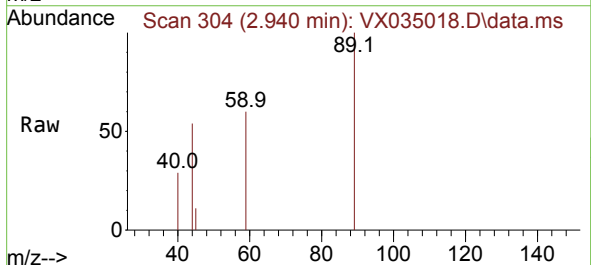
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

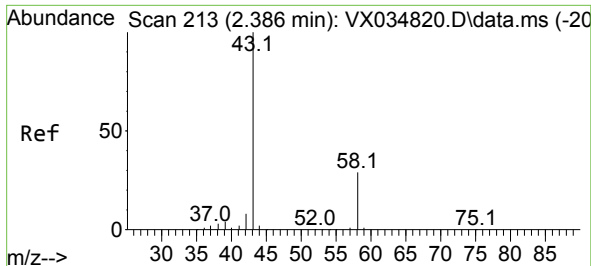
Tgt Ion:168 Resp: 265314
Ion Ratio Lower Upper
168 100
99 61.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 1.195 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.061 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 59 Resp: 851
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

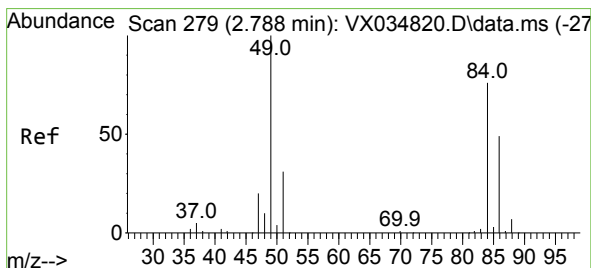
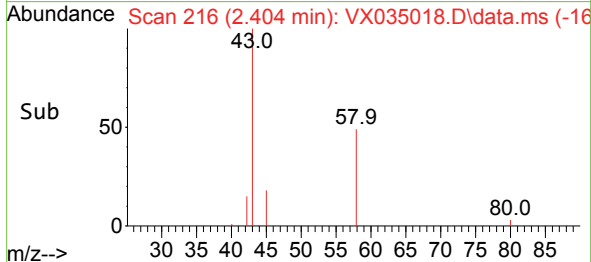
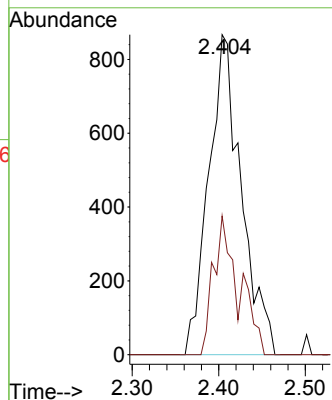
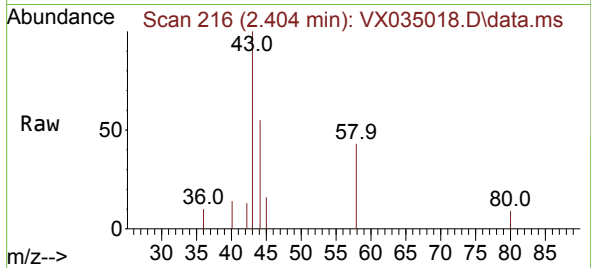




#16
Acetone
Concen: 1.375 ug/l
RT: 2.404 min Scan# 213
Delta R.T. 0.018 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

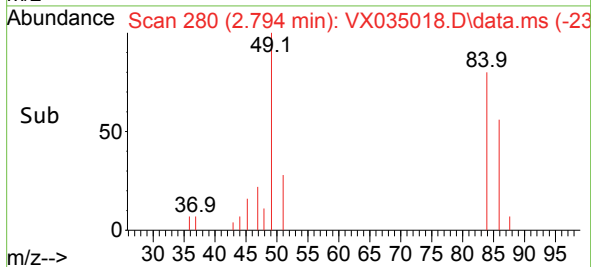
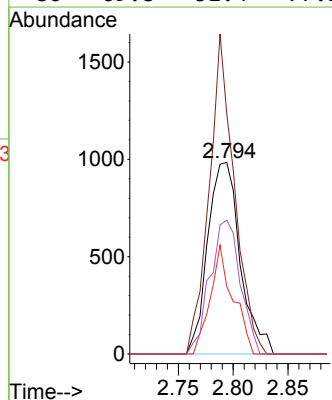
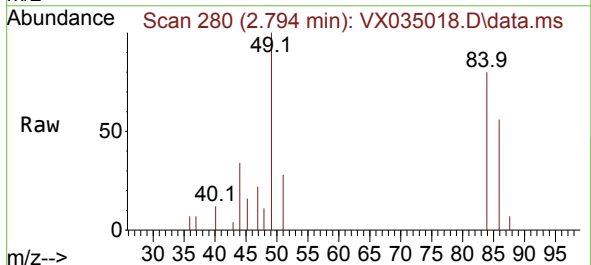
Instrument :
MSVOA_X
ClientSampleId :
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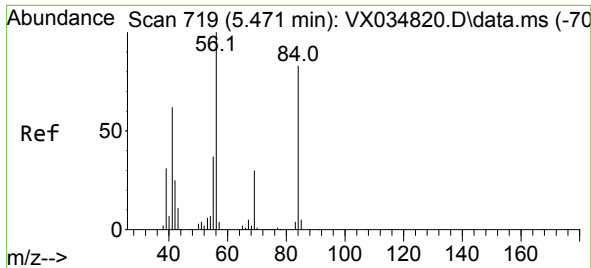
Tgt Ion: 43 Resp: 2266
Ion Ratio Lower Upper
43 100
58 43.4 24.7 37.1#



#20
Methylene Chloride
Concen: 0.626 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 84 Resp: 2035
Ion Ratio Lower Upper
84 100
49 125.4 103.8 155.8
51 35.2 31.8 47.8
86 69.8 51.4 77.2

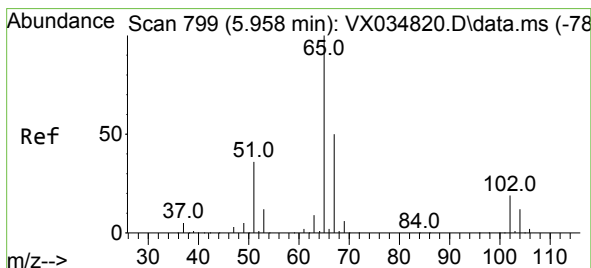
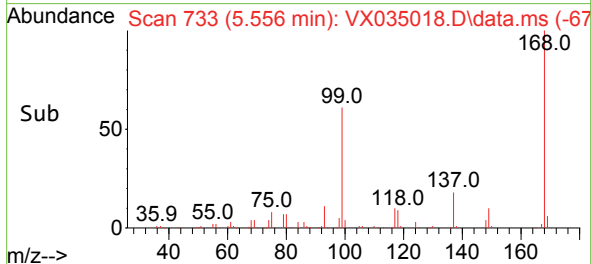
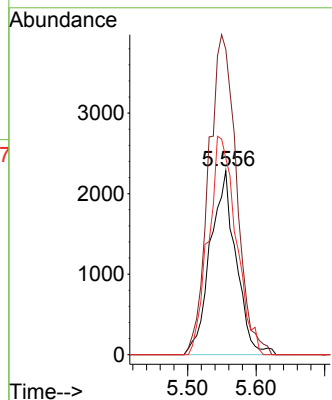
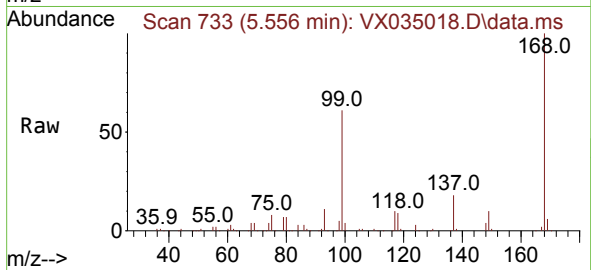




#31
Cyclohexane
Concen: 1.206 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

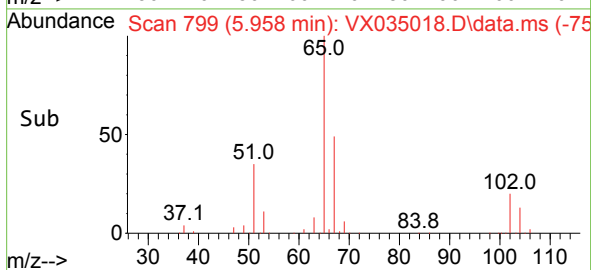
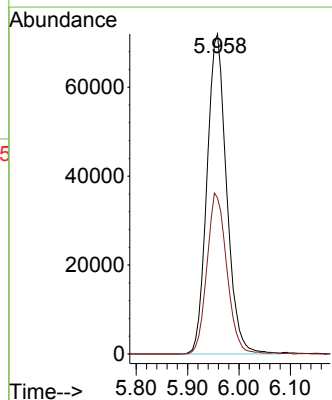
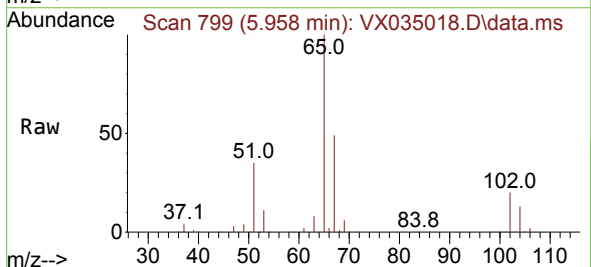
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

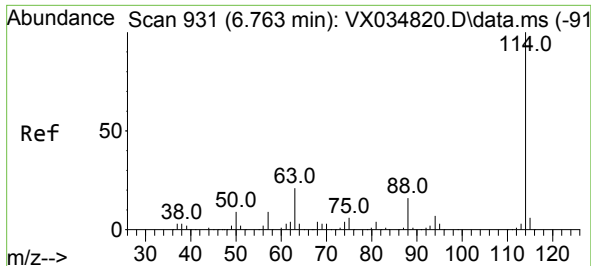
Tgt Ion: 56 Resp: 5960
Ion Ratio Lower Upper
56 100
69 166.1 23.7 35.5#
84 106.9 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.005 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 65 Resp: 190728
Ion Ratio Lower Upper
65 100
67 50.9 0.0 104.0

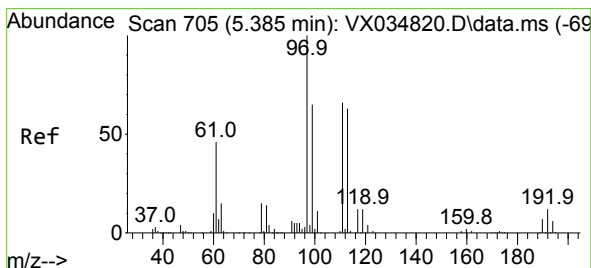
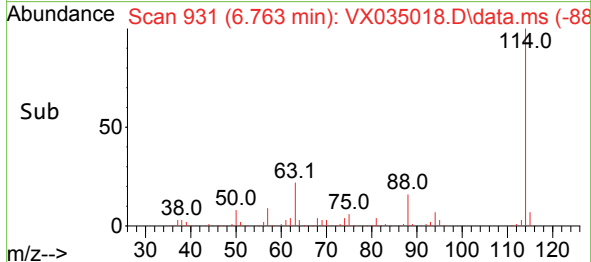
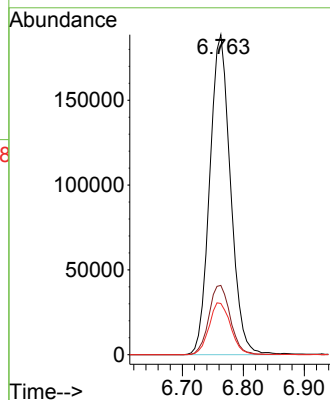
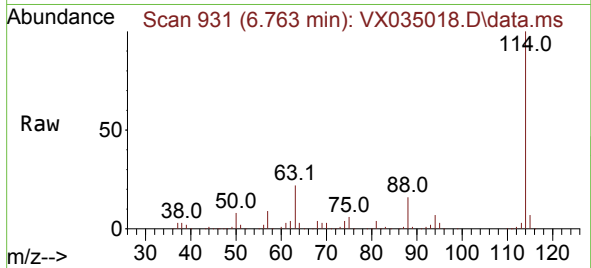




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

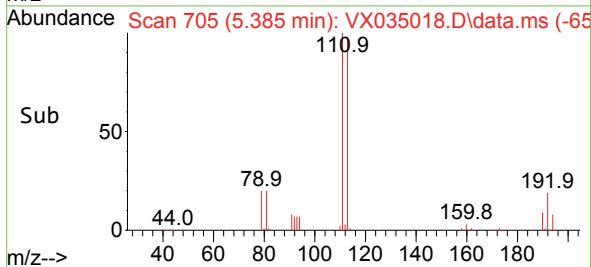
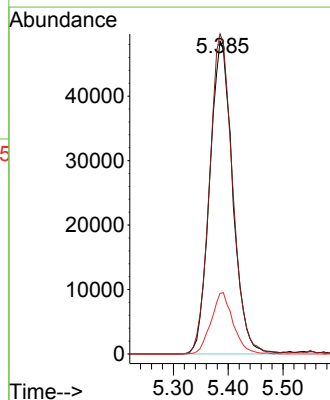
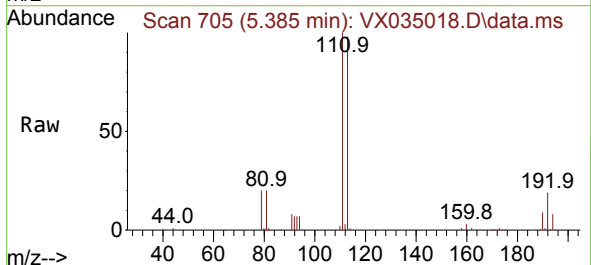
Instrument :
MSVOA_X
ClientSampleId :
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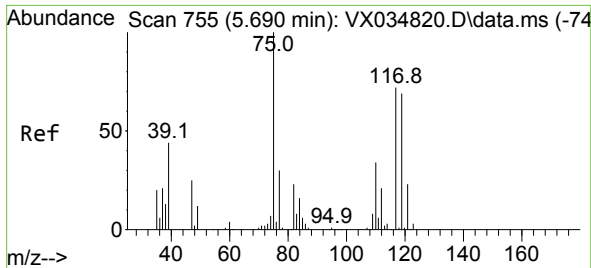
Tgt Ion:114 Resp: 446653
Ion Ratio Lower Upper
114 100
63 21.7 0.0 42.2
88 16.0 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.727 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion:113 Resp: 140998
Ion Ratio Lower Upper
113 100
111 102.7 83.7 125.5
192 18.9 15.4 23.2

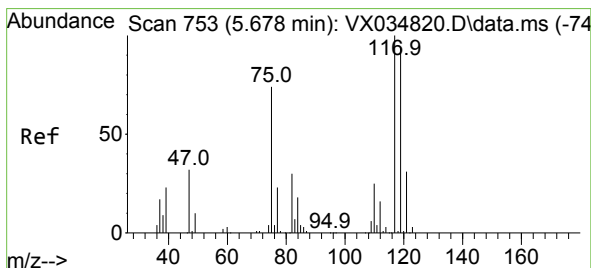
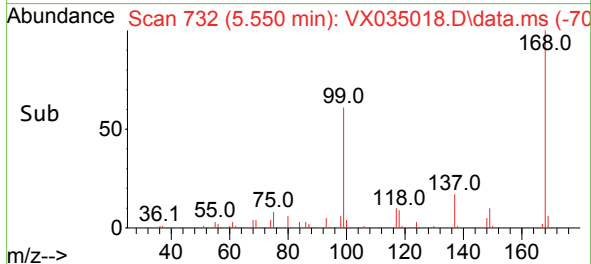
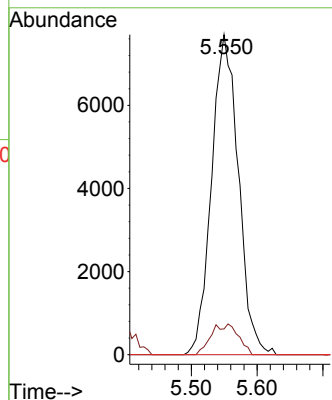
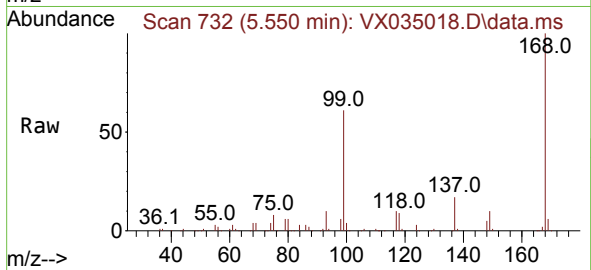




#36
1,1-Dichloropropene
Concen: 4.991 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

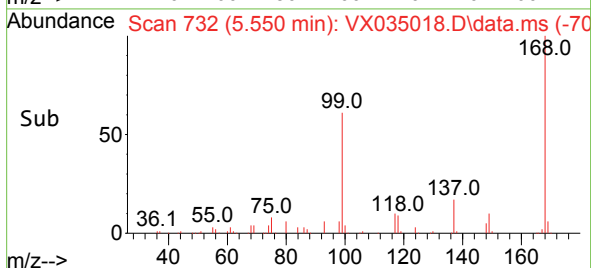
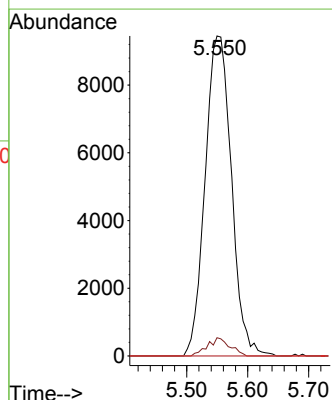
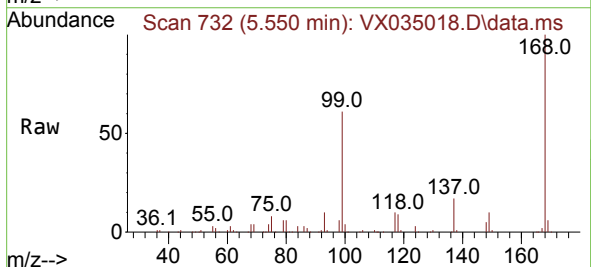
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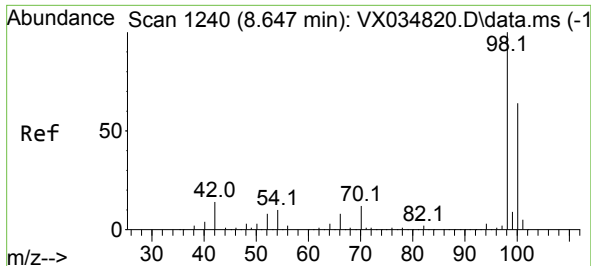
Tgt Ion: 75 Resp: 21843
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.870 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 117 Resp: 28349
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#

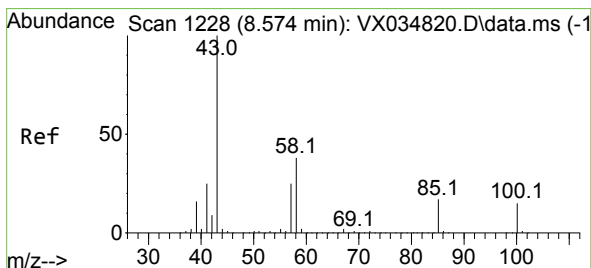
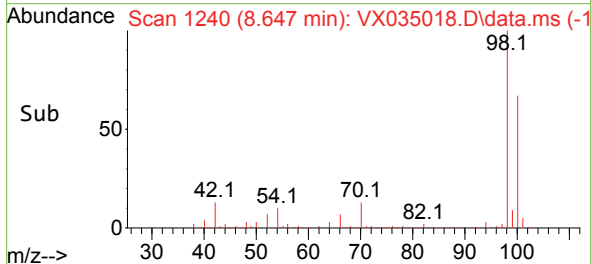
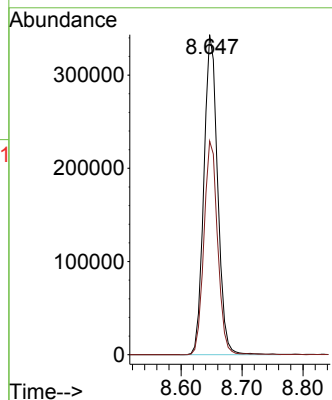
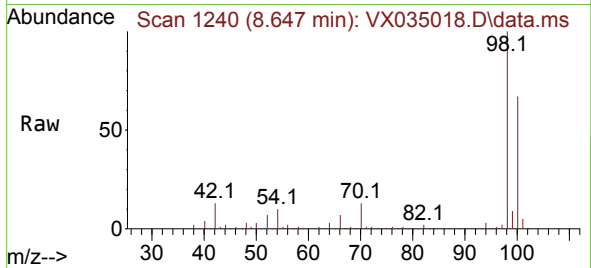




#50
Toluene-d8
Concen: 49.426 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

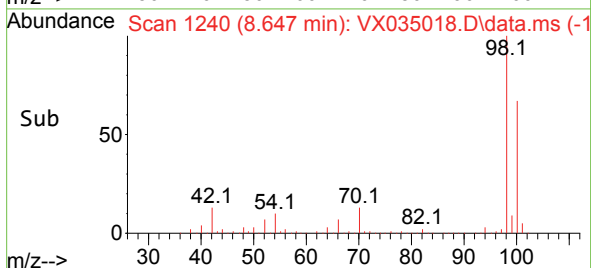
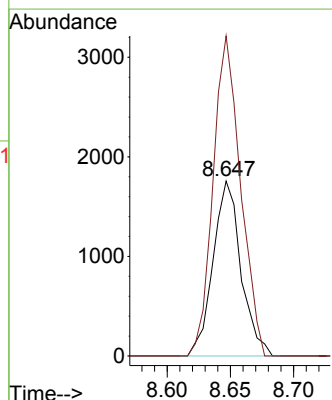
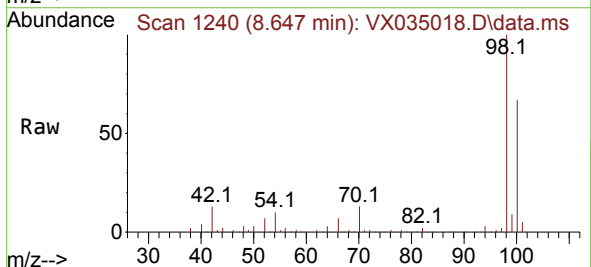
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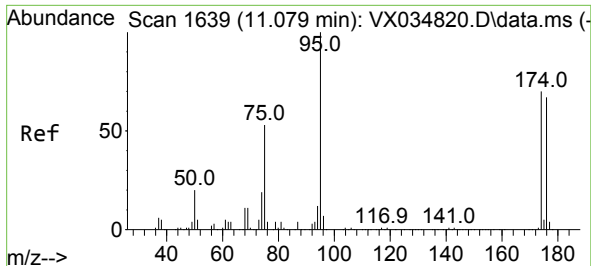
Tgt Ion: 98 Resp: 538959
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.595 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 43 Resp: 2698
Ion Ratio Lower Upper
43 100
58 179.8 30.6 46.0#

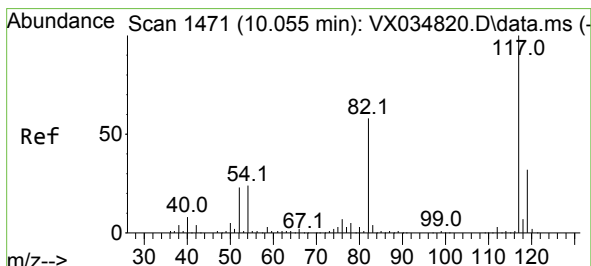
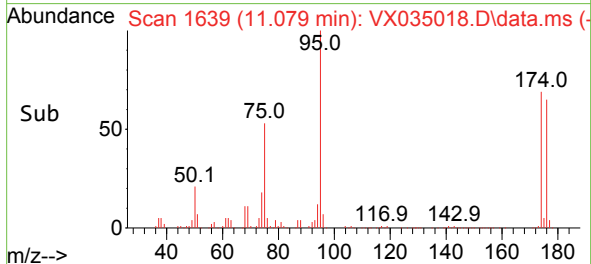
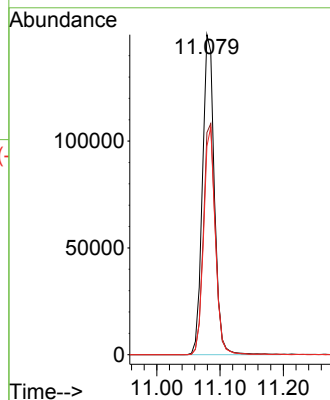
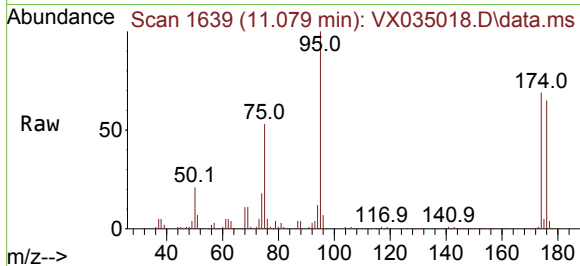




#62
4-Bromofluorobenzene
Concen: 46.575 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

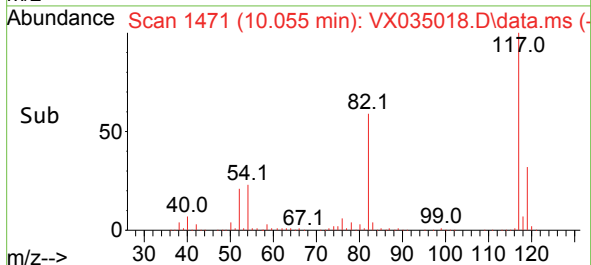
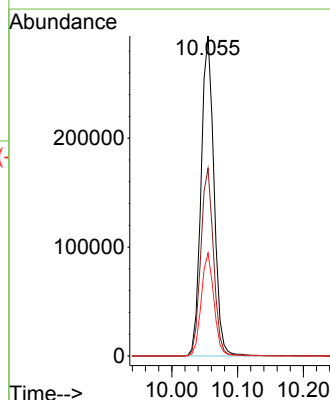
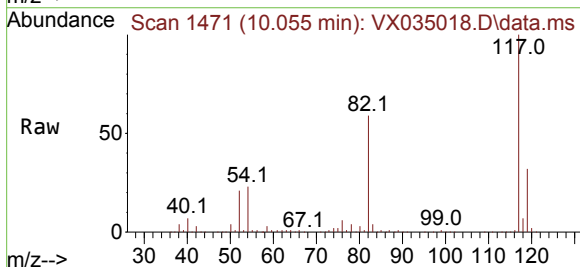
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

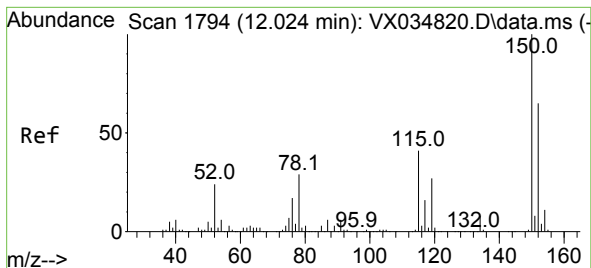
Tgt Ion: 95 Resp: 196532
Ion Ratio Lower Upper
95 100
174 72.3 0.0 147.4
176 69.8 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX035018.D
Acq: 11 Apr 2023 18:39

Tgt Ion: 117 Resp: 401281
Ion Ratio Lower Upper
117 100
82 58.6 45.0 67.4
119 32.2 26.0 39.0

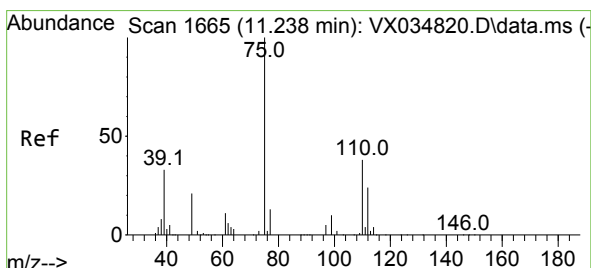
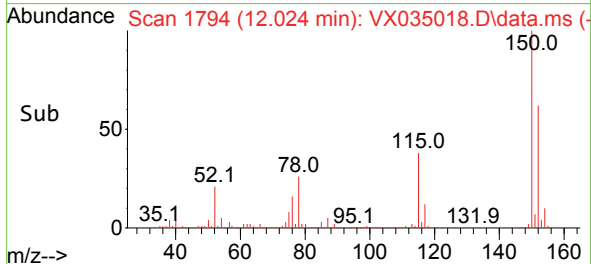
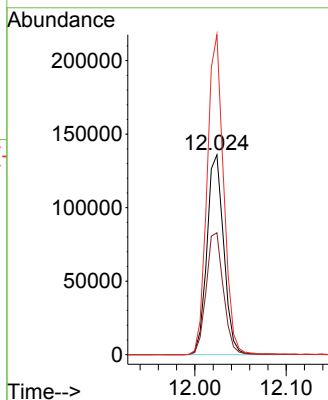
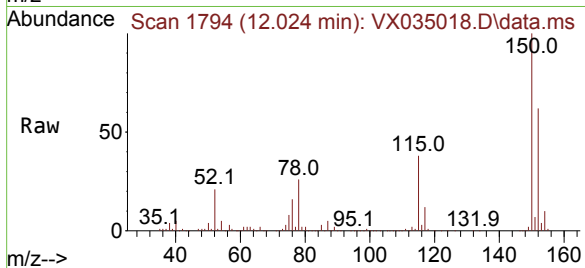




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035018.D
 Acq: 11 Apr 2023 18:39

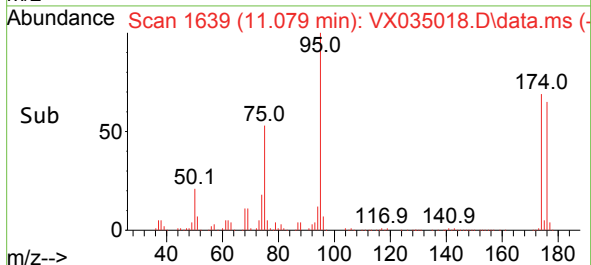
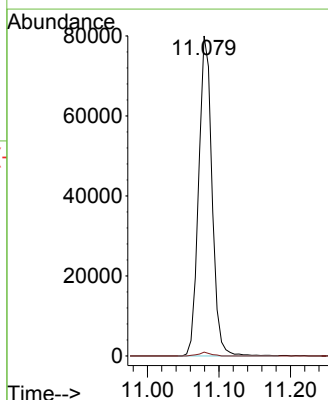
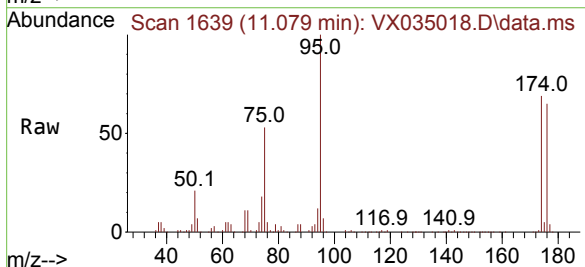
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

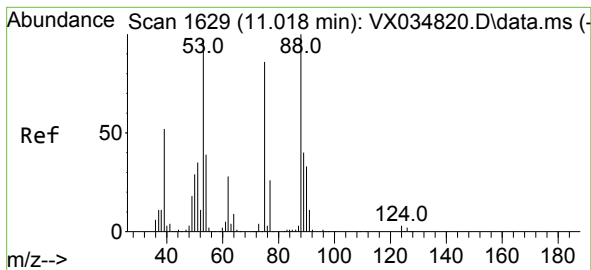
Tgt Ion:152 Resp: 173476
 Ion Ratio Lower Upper
 152 100
 115 62.6 45.0 135.0
 150 157.4 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.675 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035018.D
 Acq: 11 Apr 2023 18:39

Tgt Ion: 75 Resp: 103725
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.933 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX035018.D
 Acq: 11 Apr 2023 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 103725
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

