

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032823\
 Data File : VX034804.D
 Acq On : 28 Mar 2023 19:32
 Operator : JC/MD
 Sample : 02098-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Quant Time: Mar 29 04:06:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

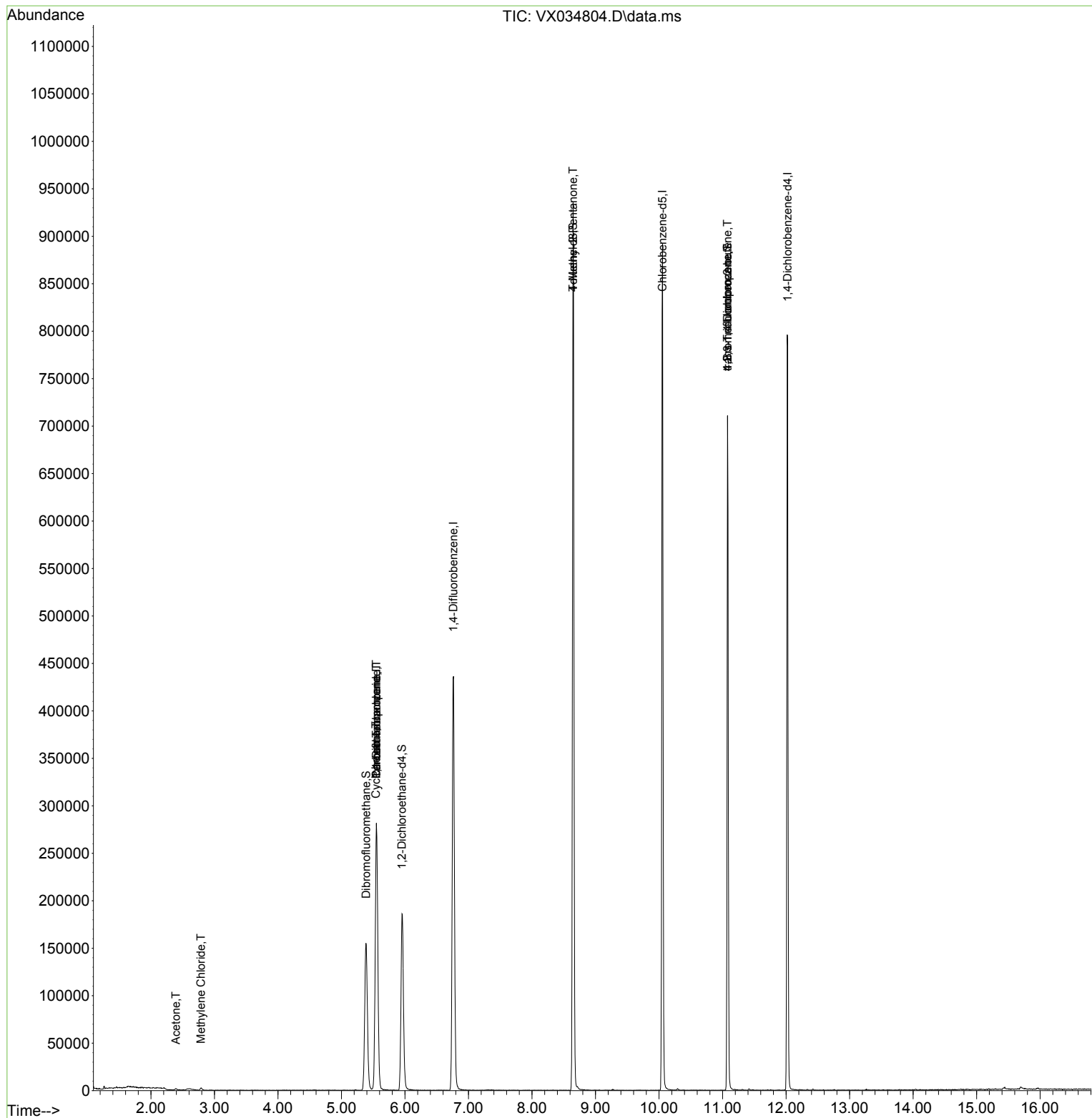
Internal Standards						
1) Pentafluorobenzene	5.550	168	258905	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	440152	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387132	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	178807	47.472	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.940%
35) Dibromofluoromethane	5.385	113	135939	46.777	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.560%
50) Toluene-d8	8.647	98	530706	48.919	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	185686	42.375	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	84.740%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	413	Below Cal		89
16) Acetone	2.392	43	1864	1.051	ug/l	92
20) Methylene Chloride	2.788	84	1121	0.326	ug/l #	93
31) Cyclohexane	5.544	56	6968	1.319	ug/l #	34
36) 1,1-Dichloropropene	5.550	75	21818	4.888	ug/l #	51
38) Carbon Tetrachloride	5.550	117	27209	6.128	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2837	0.592	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	98146	26.556	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	98146	71.843	ug/l #	8

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

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STORAGE-BLANK-WATER-REF-5

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Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
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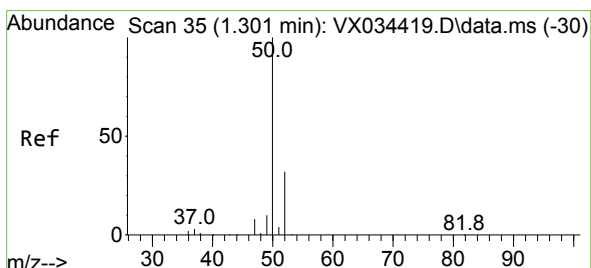
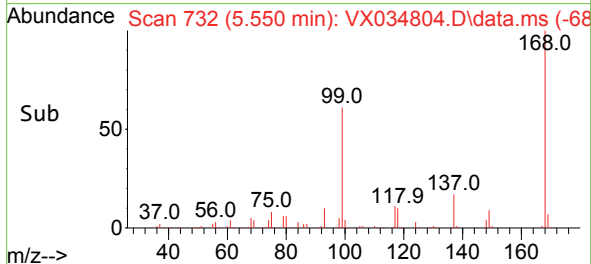
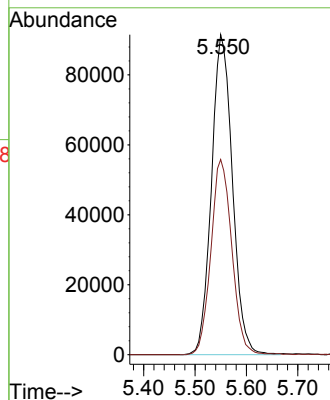
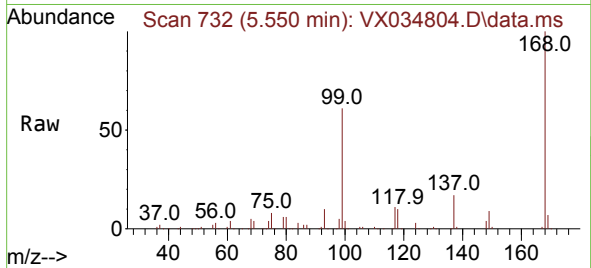




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

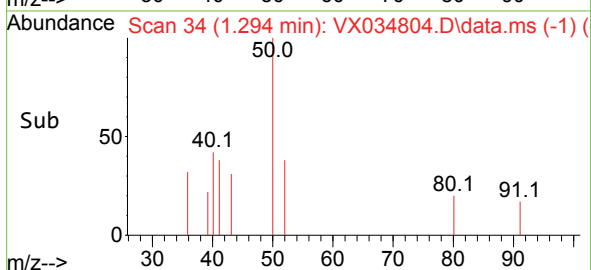
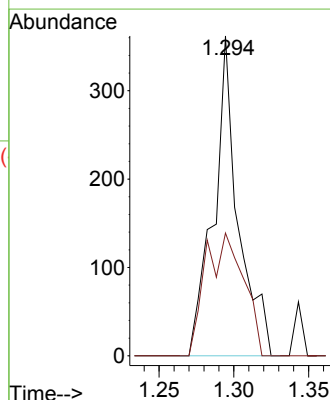
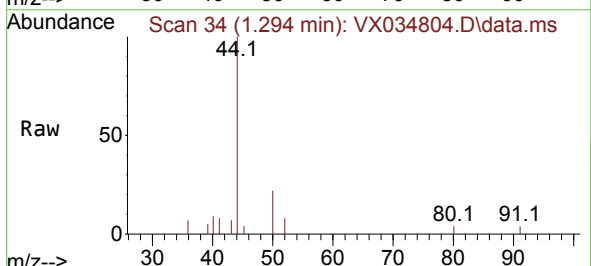
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

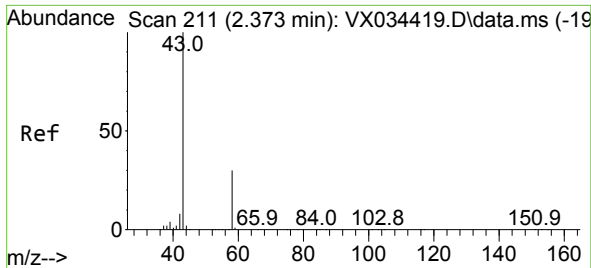
Tgt Ion:168 Resp: 258905
Ion Ratio Lower Upper
168 100
99 61.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 50 Resp: 413
Ion Ratio Lower Upper
50 100
52 38.4 25.9 38.9

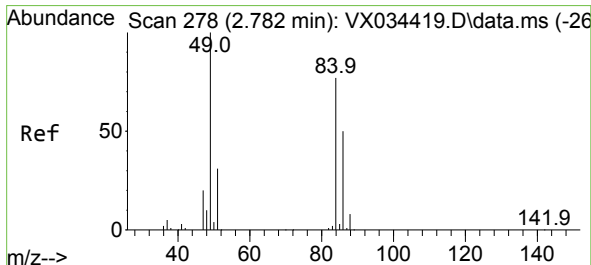
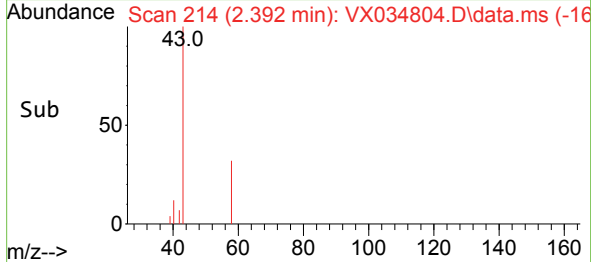
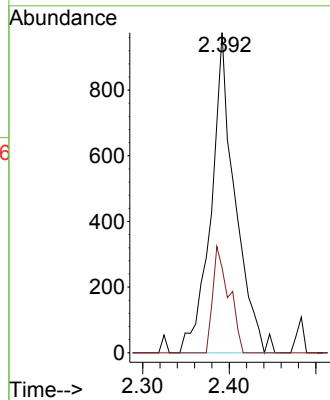
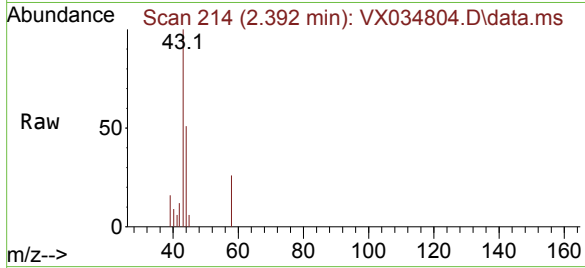




#16
Acetone
Concen: 1.051 ug/l
RT: 2.392 min Scan# 211
Delta R.T. 0.018 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

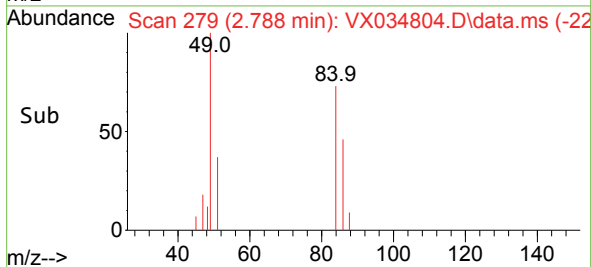
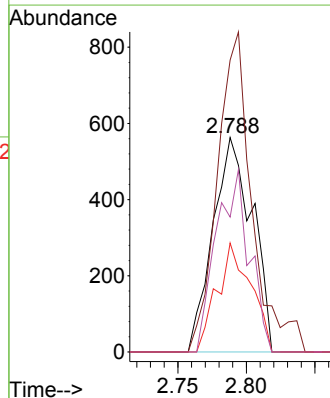
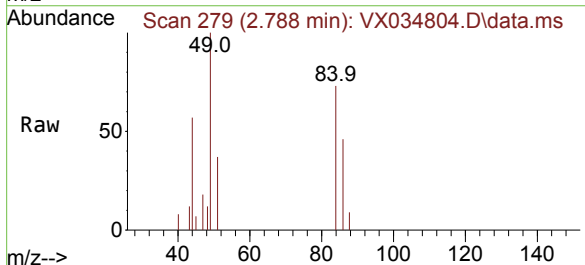
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

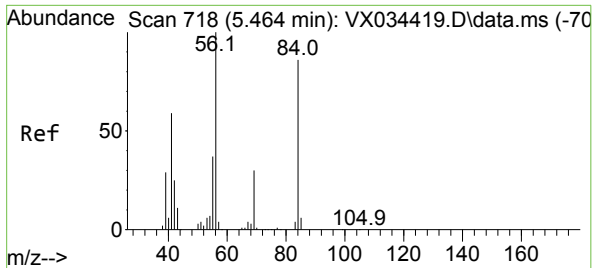
Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1



#20
Methylene Chloride
Concen: 0.326 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 84 Resp: 1121
Ion Ratio Lower Upper
84 100
49 136.1 103.8 155.8
51 50.8 31.8 47.8#
86 62.9 51.4 77.2

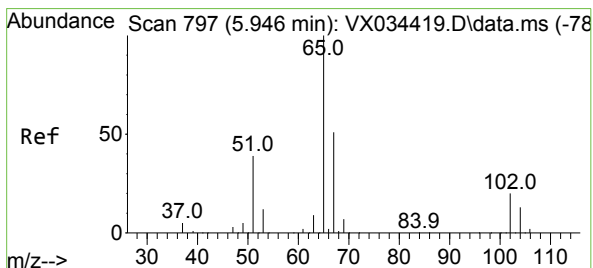
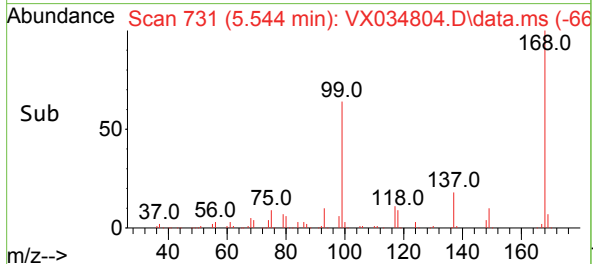
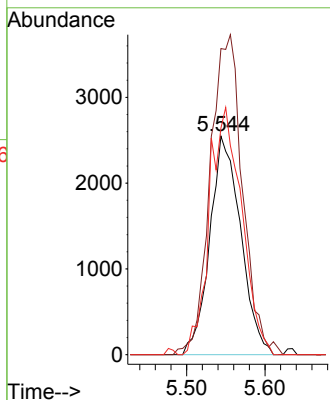
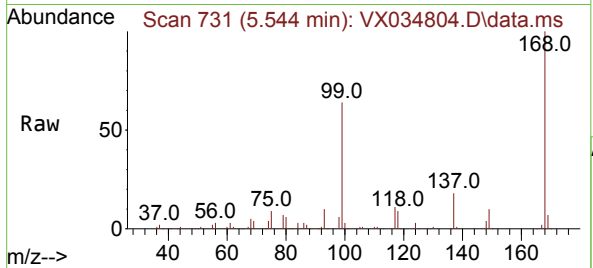




#31
Cyclohexane
Concen: 1.319 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

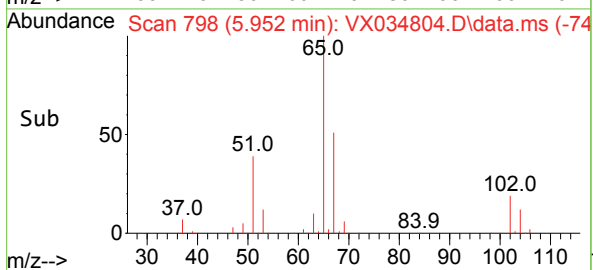
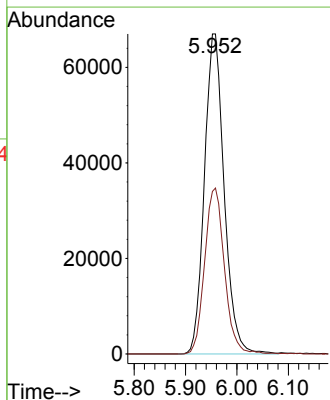
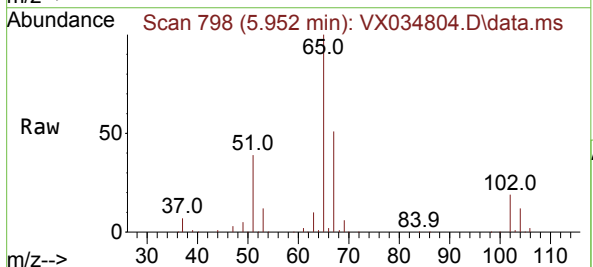
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

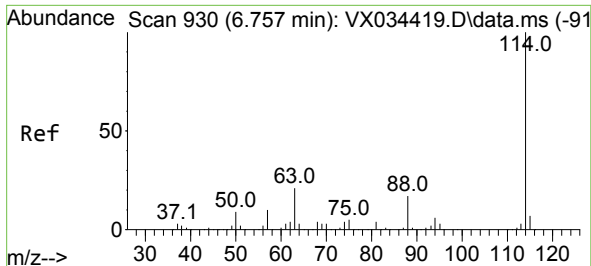
Tgt Ion: 56 Resp: 6968
Ion Ratio Lower Upper
56 100
69 137.5 23.7 35.5#
84 103.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.472 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 65 Resp: 178807
Ion Ratio Lower Upper
65 100
67 52.0 0.0 104.0

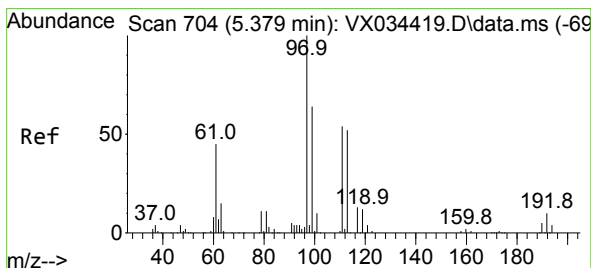
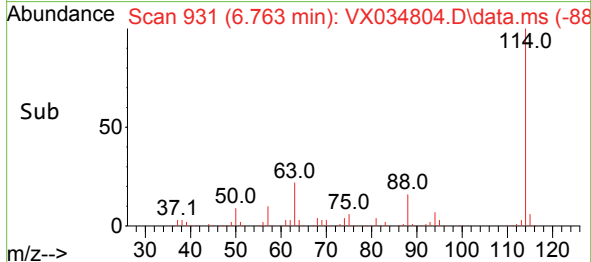
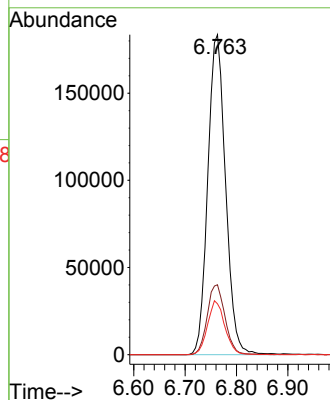
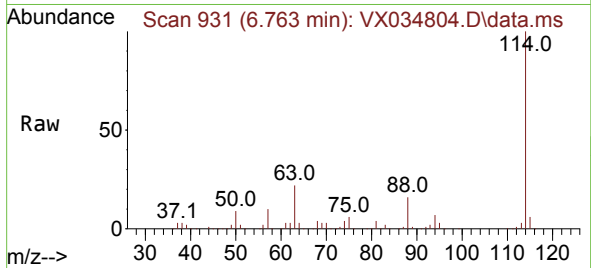




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

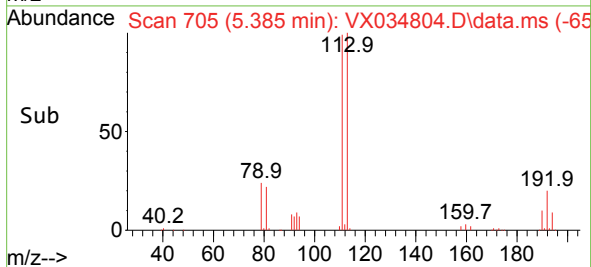
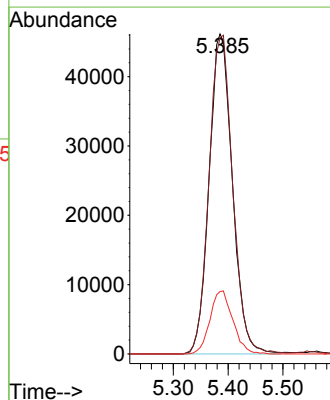
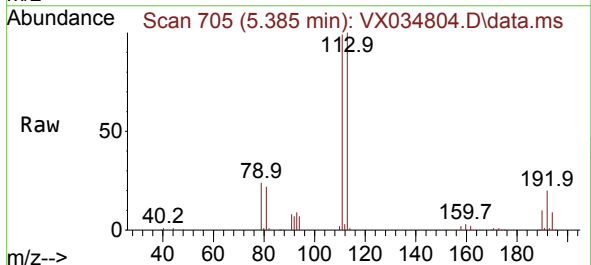
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

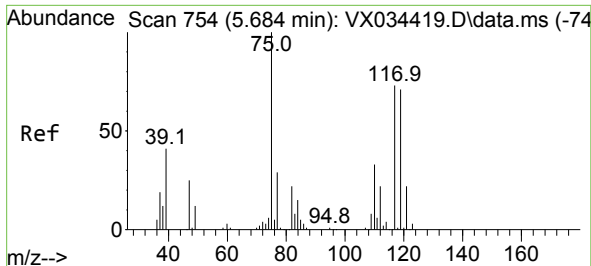
Tgt Ion:114 Resp: 440152
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.9 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.777 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion:113 Resp: 135939
Ion Ratio Lower Upper
113 100
111 101.4 83.7 125.5
192 19.4 15.4 23.2

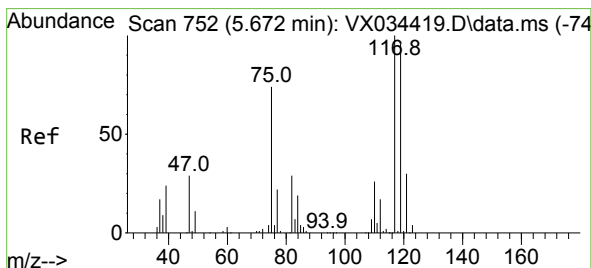
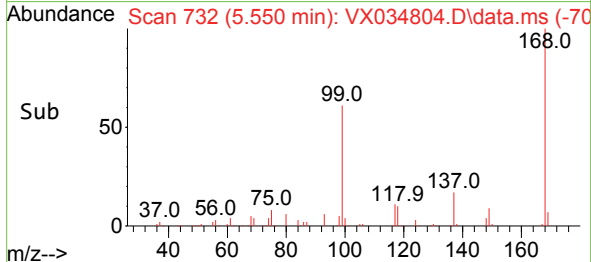
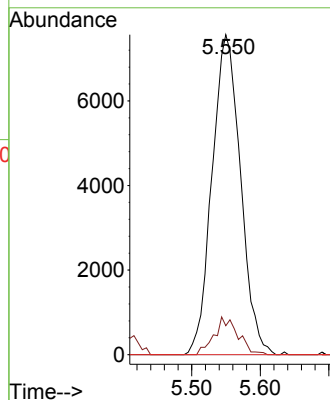
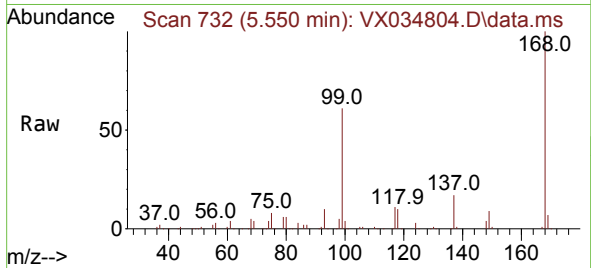




#36
1,1-Dichloropropene
Concen: 4.888 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.134 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

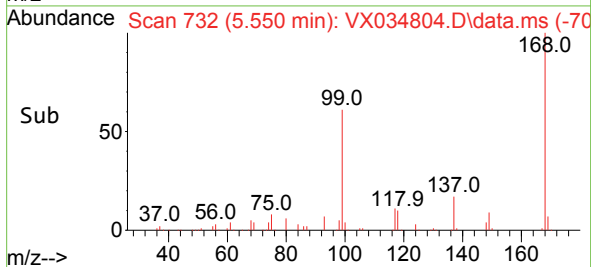
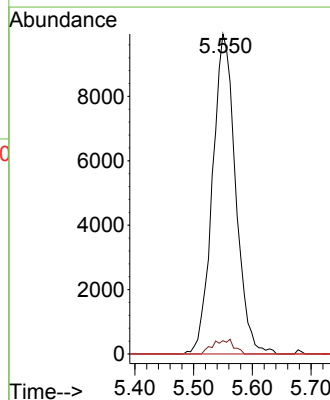
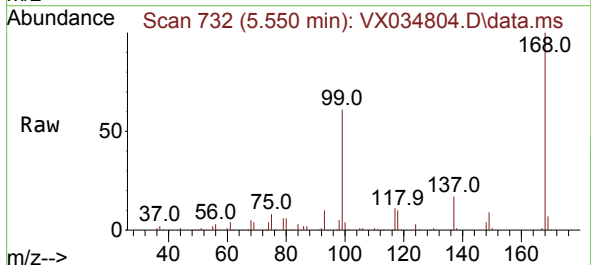
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

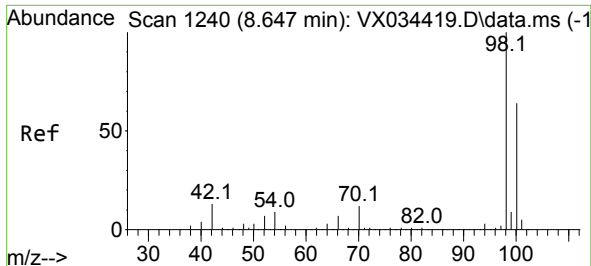
Tgt Ion: 75 Resp: 21818
Ion Ratio Lower Upper
75 100
110 9.8 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.128 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 117 Resp: 27209
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#

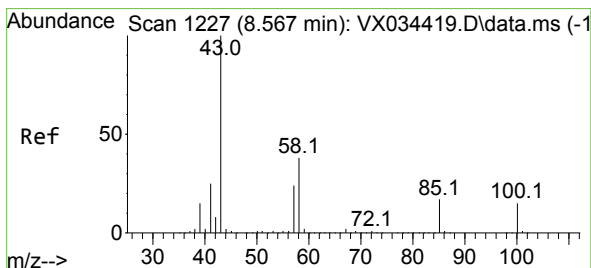
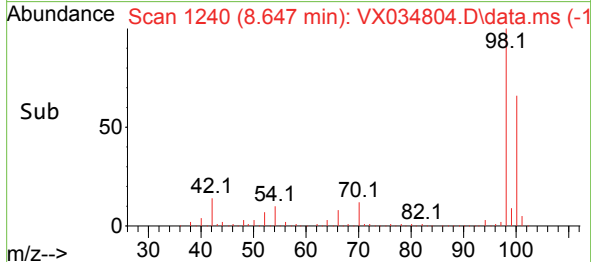
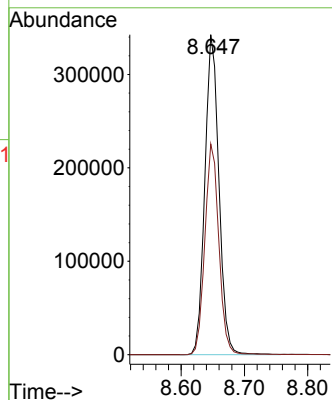
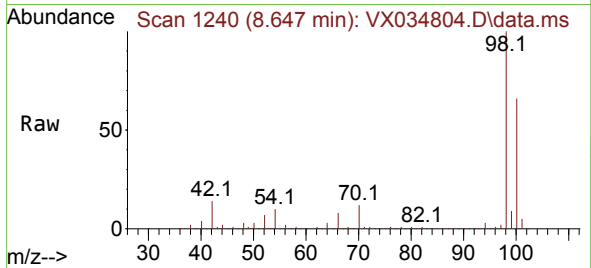




#50
Toluene-d8
Concen: 48.919 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

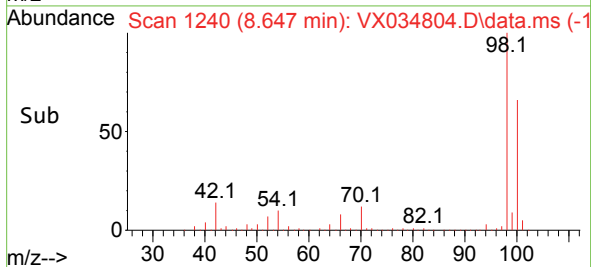
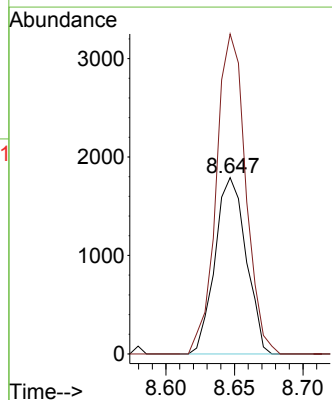
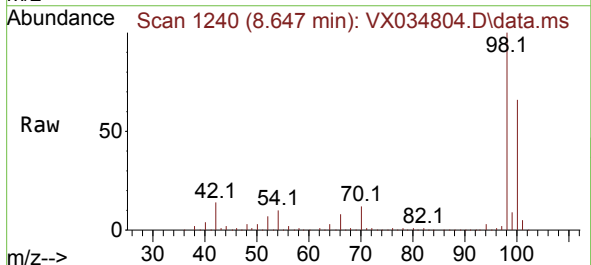
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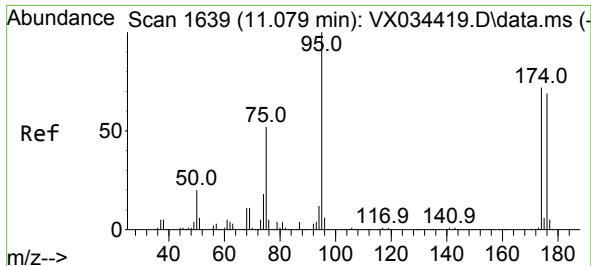
Tgt Ion: 98 Resp: 530706
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.592 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.079 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 43 Resp: 2837
Ion Ratio Lower Upper
43 100
58 171.6 30.6 46.0#

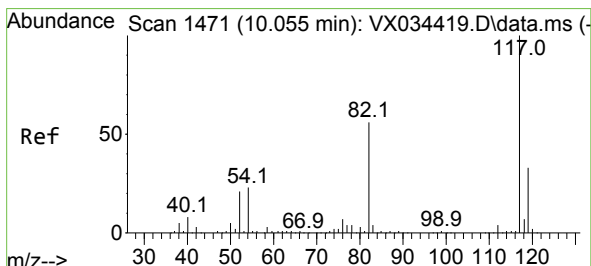
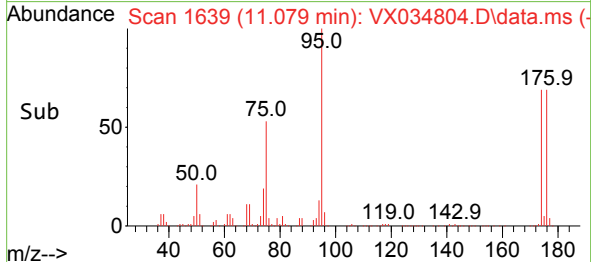
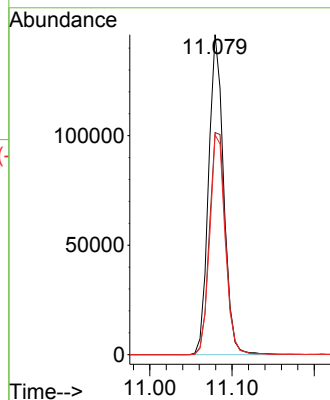
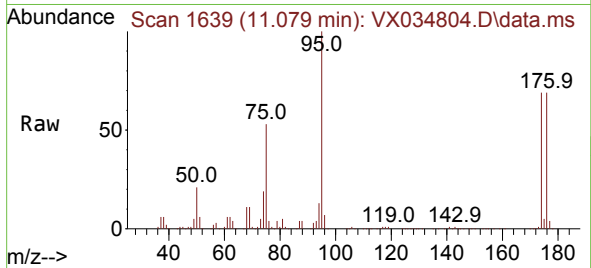




#62
4-Bromofluorobenzene
Concen: 42.375 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

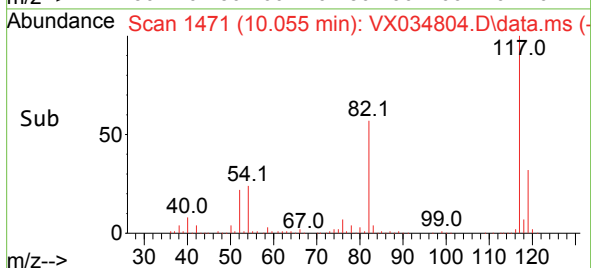
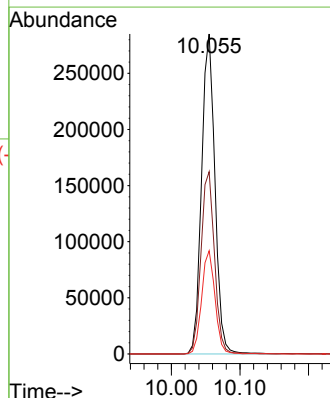
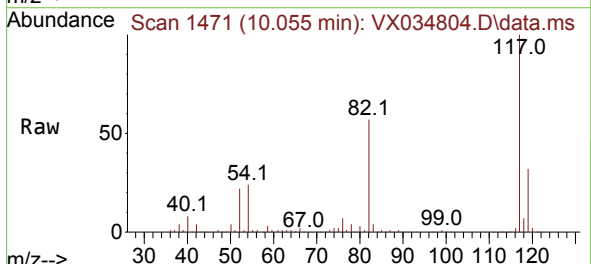
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

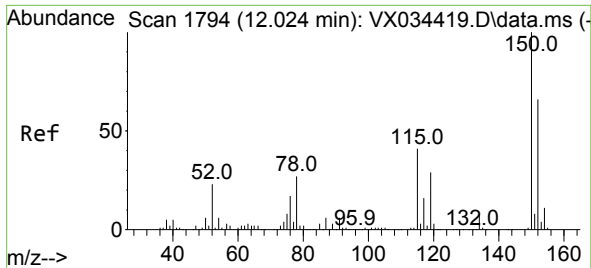
Tgt Ion: 95 Resp: 185686
Ion Ratio Lower Upper
95 100
174 74.8 0.0 147.4
176 71.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034804.D
Acq: 28 Mar 2023 19:32

Tgt Ion: 117 Resp: 387132
Ion Ratio Lower Upper
117 100
82 56.9 45.0 67.4
119 32.2 26.0 39.0

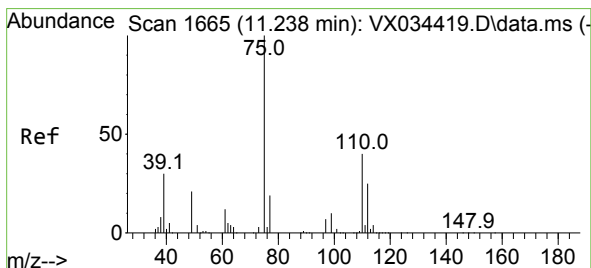
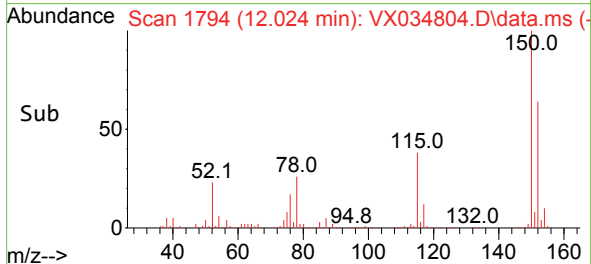
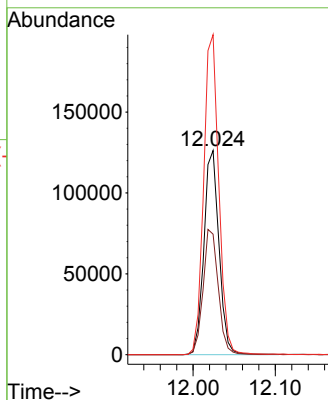
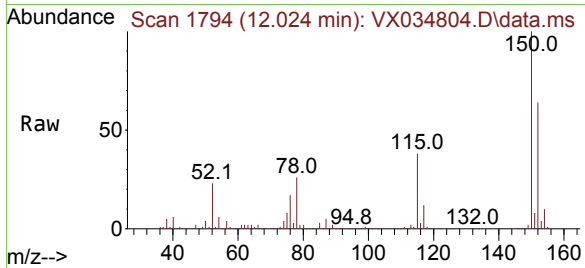




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VX034804.D
 Acq: 28 Mar 2023 19:32

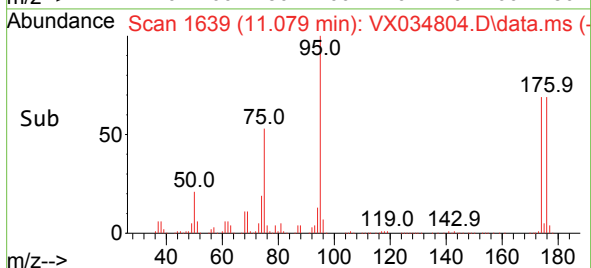
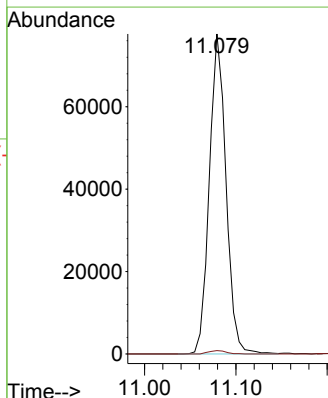
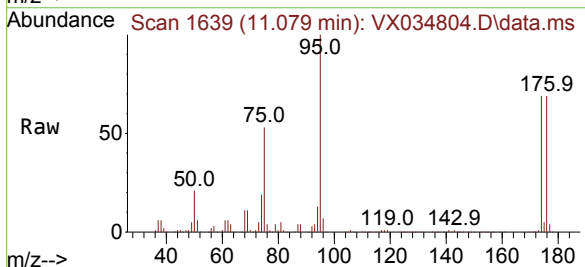
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

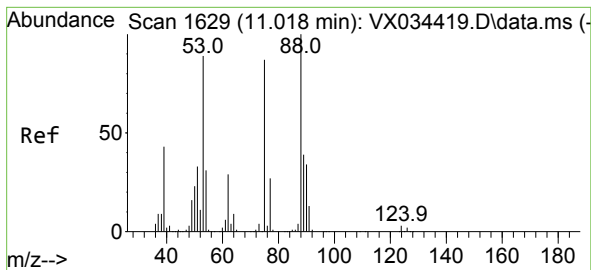
Tgt Ion:152 Resp: 160958
 Ion Ratio Lower Upper
 152 100
 115 61.6 45.0 135.0
 150 157.2 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 26.556 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034804.D
 Acq: 28 Mar 2023 19:32

Tgt Ion: 75 Resp: 98146
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.843 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034804.D
 Acq: 28 Mar 2023 19:32

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 98146
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

