

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122923\
 Data File : VX039550.D
 Acq On : 29 Dec 2023 17:02
 Operator : JC/MD
 Sample : 06046-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Dec 30 02:04:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

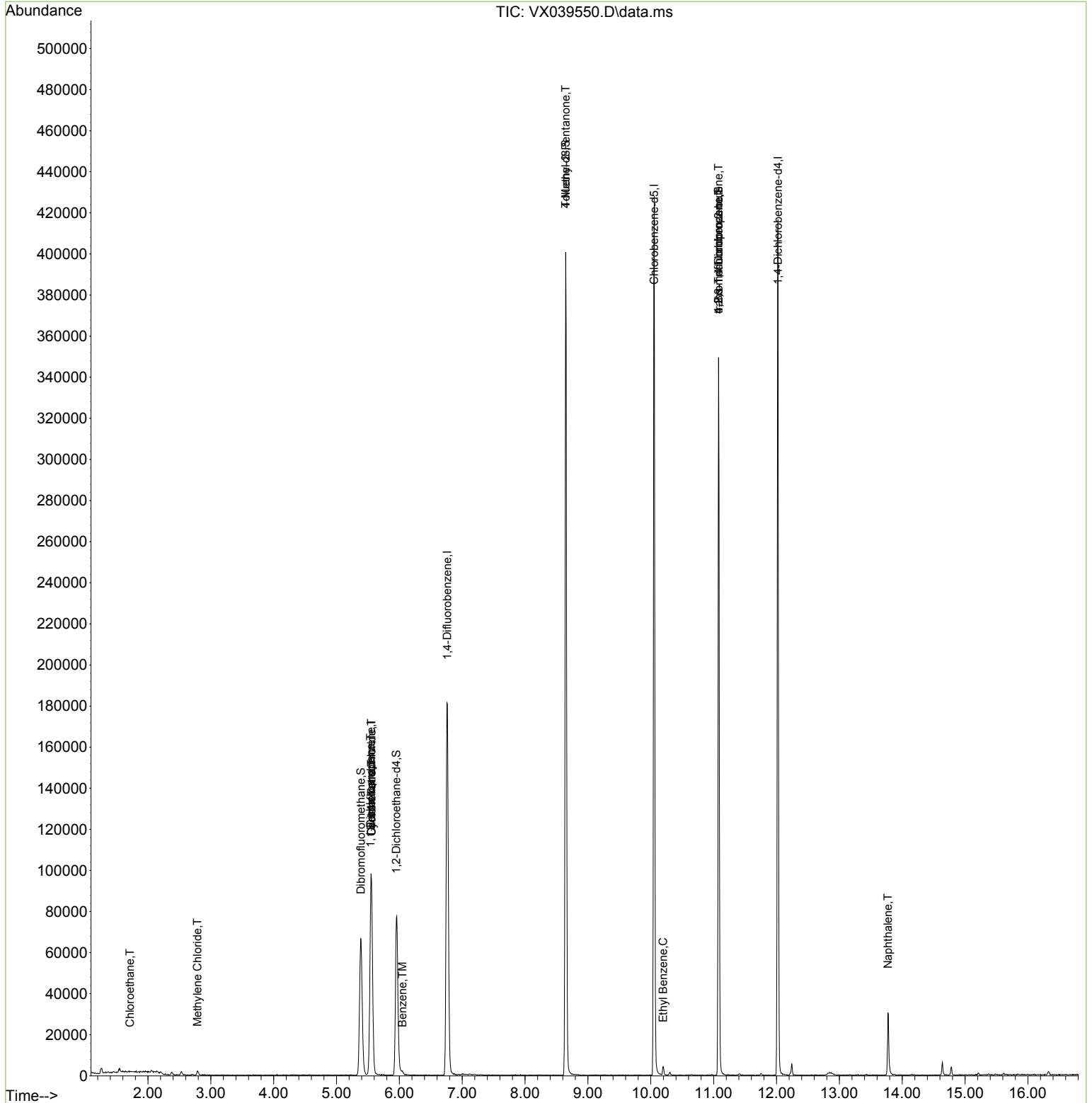
Internal Standards						
1) Pentafluorobenzene	5.550	168	85197	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	181431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	184999	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	80191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	75419	48.322	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	96.640%	
35) Dibromofluoromethane	5.385	113	58977	47.053	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.100%	
50) Toluene-d8	8.647	98	231621	49.775	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	99.560%	
62) 4-Bromofluorobenzene	11.079	95	95484	49.733	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	99.460%	
Target Compounds						
						Qvalue
6) Chloroethane	1.715	64	273	0.367	ug/l #	43
16) Acetone	2.380	43	1422	Below Cal		92
20) Methylene Chloride	2.788	84	904	0.695	ug/l #	86
31) Cyclohexane	5.556	56	2313	1.147	ug/l #	26
36) 1,1-Dichloropropene	5.544	75	8473	4.284	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10234	5.422	ug/l #	13
40) Benzene	6.050	78	1939	0.347	ug/l #	73
51) 4-Methyl-2-Pentanone	8.647	43	1357	0.536	ug/l #	1
67) Ethyl Benzene	10.195	91	2960	0.394	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	51724	24.931	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	51724	70.330	ug/l #	5
95) Naphthalene	13.774	128	20918	3.567	ug/l	100

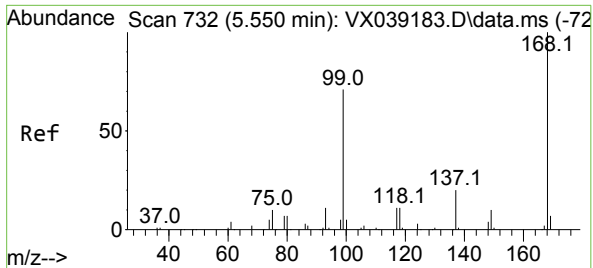
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 STORAGE-BLANK-WATER-REF-5

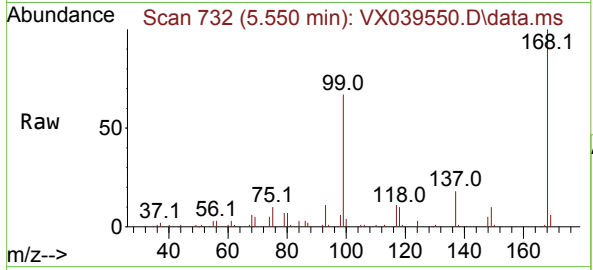
Quant Time: Dec 30 02:04:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
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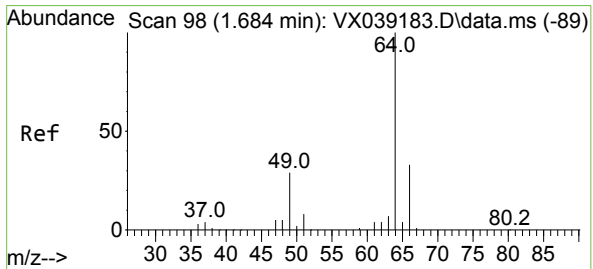
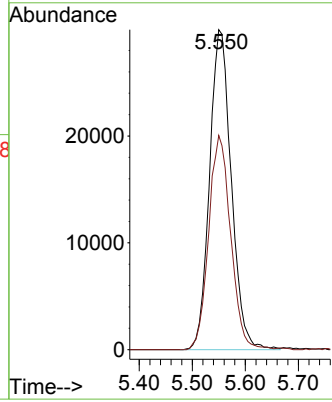
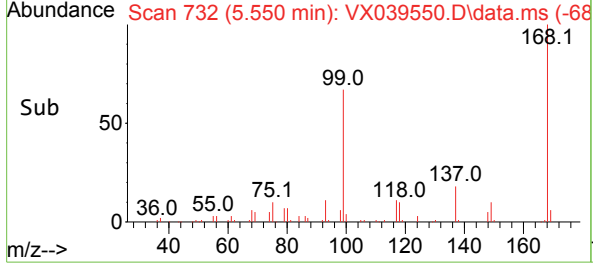


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.550 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

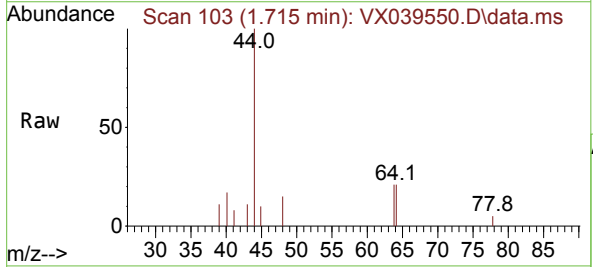
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5



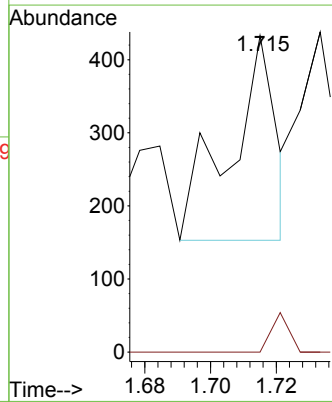
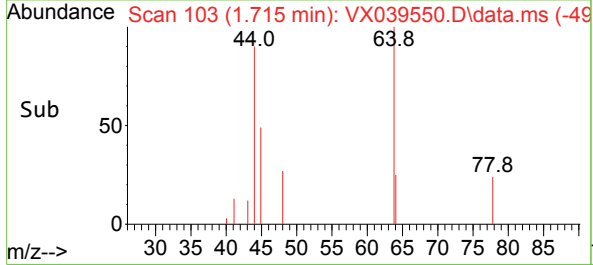
Tgt Ion:168 Resp: 85197
 Ion Ratio Lower Upper
 168 100
 99 66.9 56.6 85.0

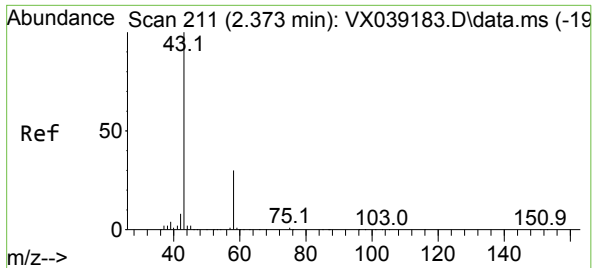


#6
 Chloroethane
 Concen: 0.367 ug/l
 RT: 1.715 min Scan# 103
 Delta R.T. 0.031 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02



Tgt Ion: 64 Resp: 273
 Ion Ratio Lower Upper
 64 100
 66 0.0 25.1 37.7#

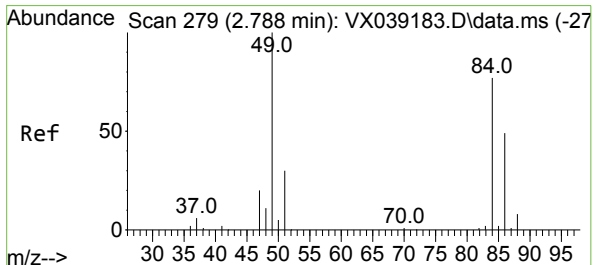
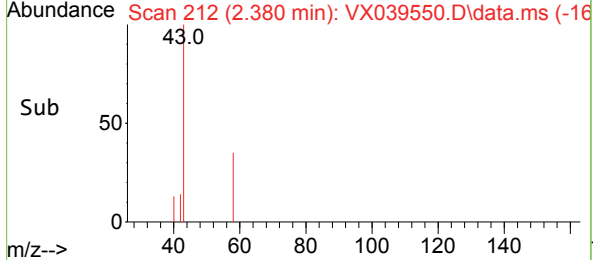
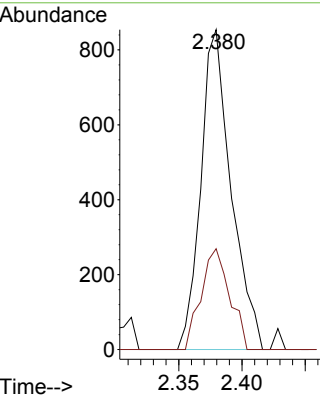
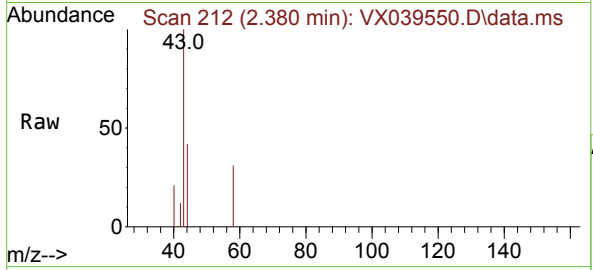




#16
 Acetone
 Concen: Below Cal
 RT: 2.380 min Scan# 211
 Delta R.T. 0.007 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

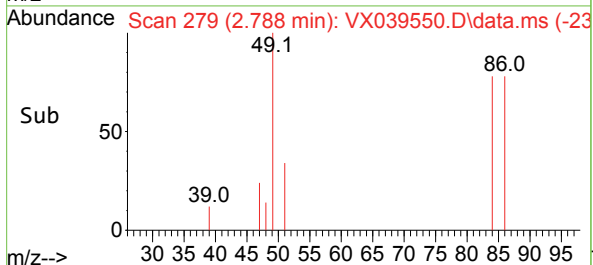
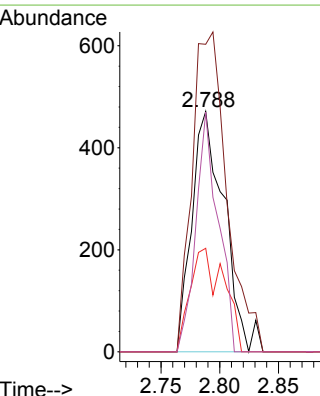
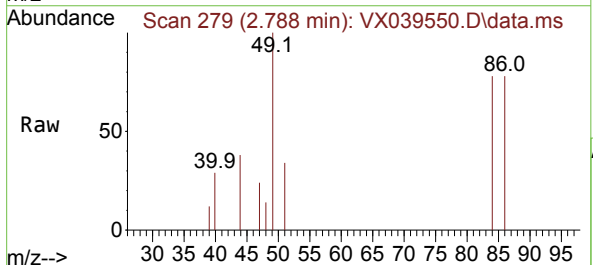
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

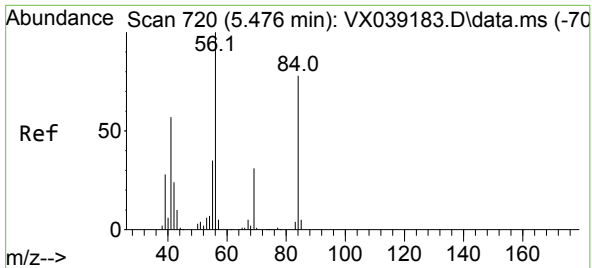
Tgt Ion:	43	Resp:	1422
Ion Ratio	100	Lower	Upper
58	31.5	21.9	32.9



#20
 Methylene Chloride
 Concen: 0.695 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion:	84	Resp:	904
Ion Ratio	100	Lower	Upper
49	128.0	103.6	155.4
51	43.1	33.8	50.6
86	99.8	49.4	74.0



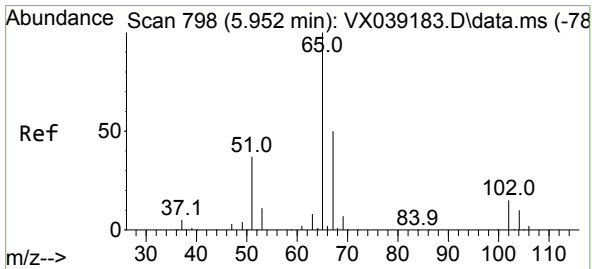
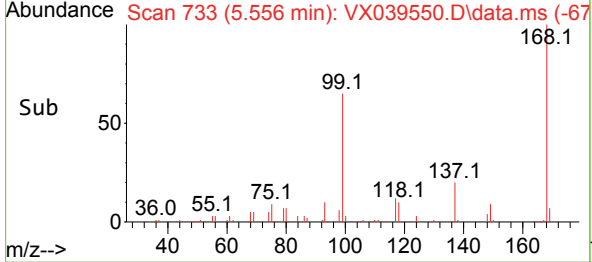
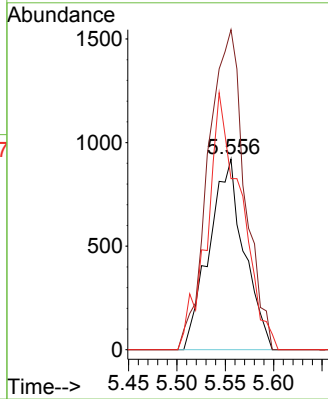
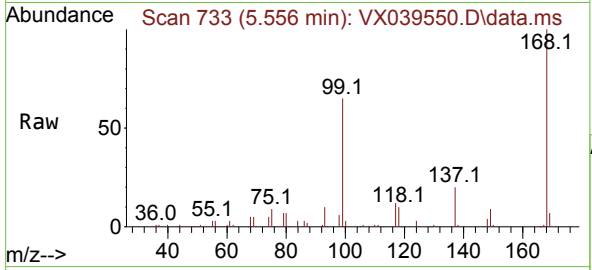


#31
 Cyclohexane
 Concen: 1.147 ug/l
 RT: 5.556 min Scan# 711
 Delta R.T. 0.079 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

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

Tgt Ion: 56 Resp: 2313

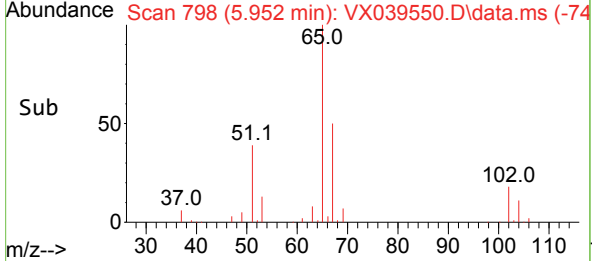
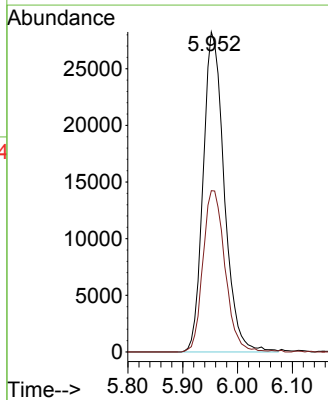
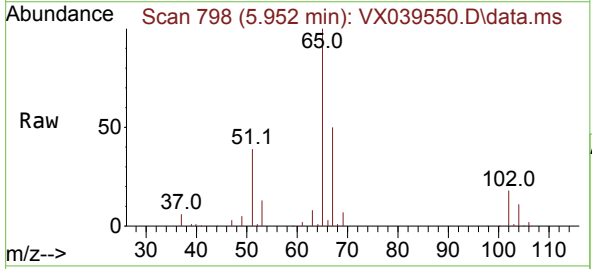
Ion	Ratio	Lower	Upper
56	100		
69	167.9	23.4	35.2#
84	89.8	65.9	98.9

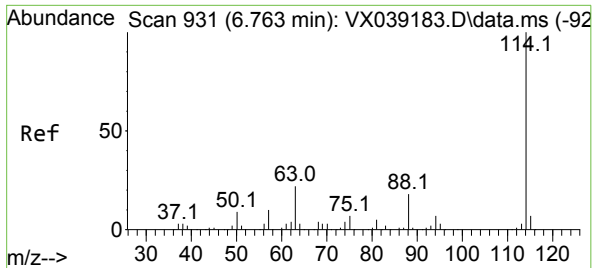


#33
 1,2-Dichloroethane-d4
 Concen: 48.322 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion: 65 Resp: 75419

Ion	Ratio	Lower	Upper
65	100		
67	52.7	0.0	100.2



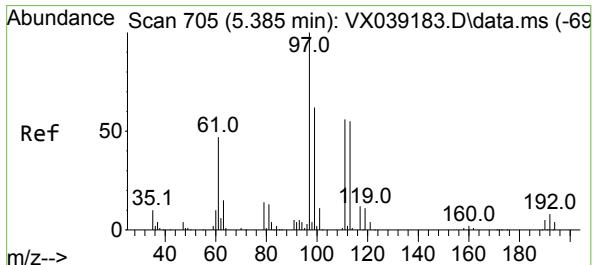
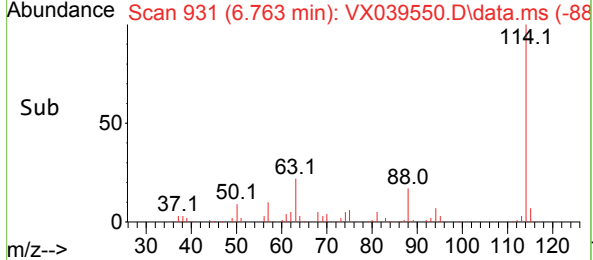
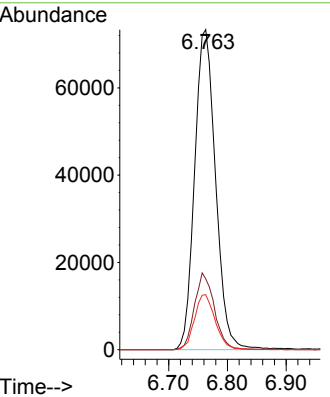
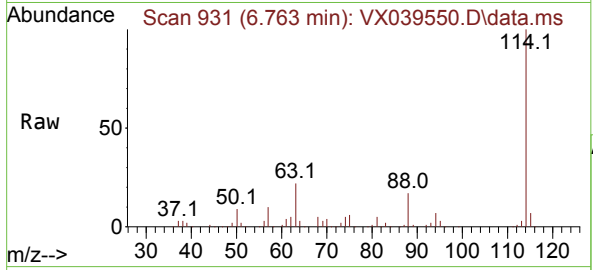


#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 911
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

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

Tgt Ion:114 Resp: 181431

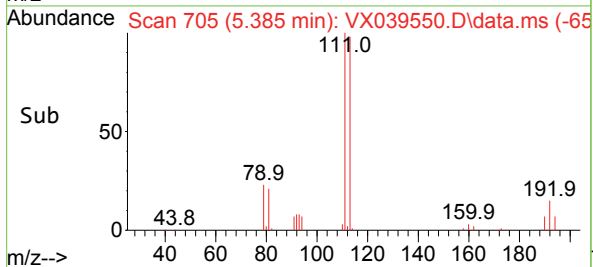
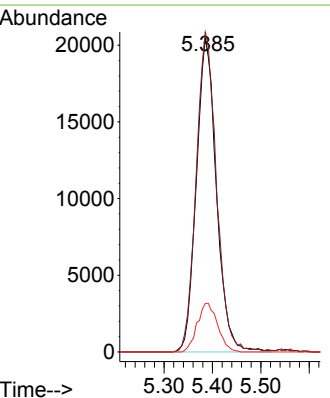
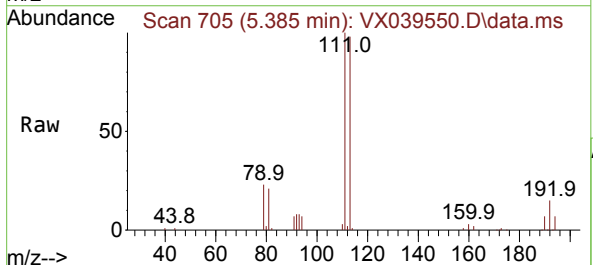
Ion	Ratio	Lower	Upper
114	100		
63	22.1	0.0	45.0
88	17.2	0.0	36.6

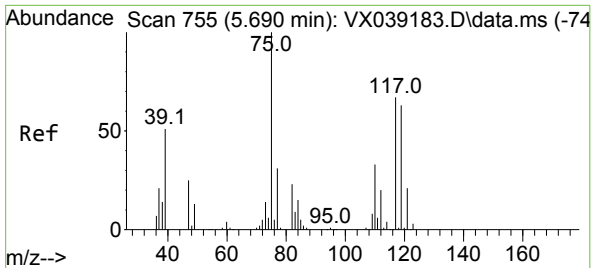


#35
 Dibromofluoromethane
 Concen: 47.053 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion:113 Resp: 58977

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	15.8	13.3	19.9

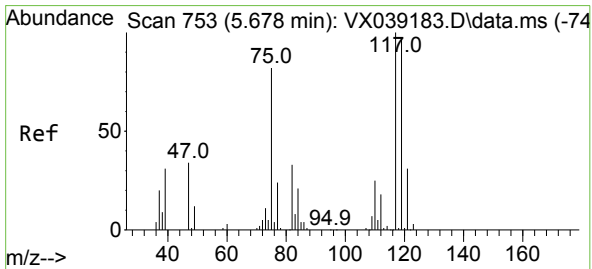
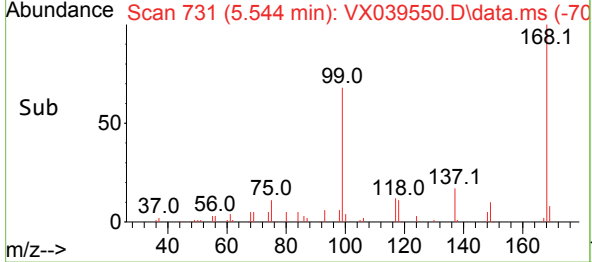
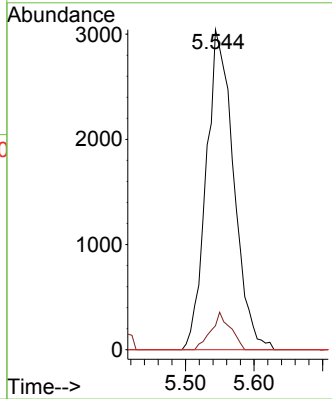
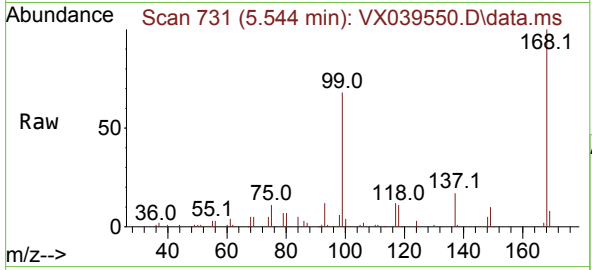




#36
 1,1-Dichloropropene
 Concen: 4.284 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

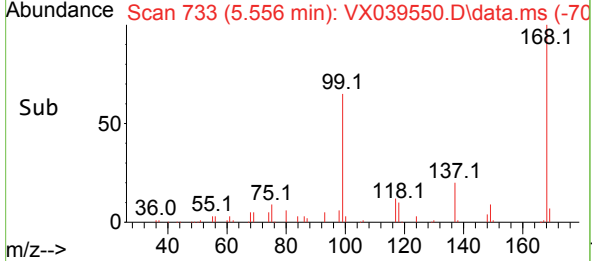
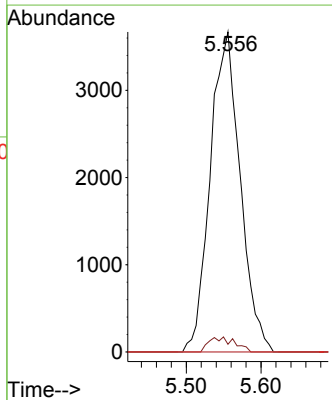
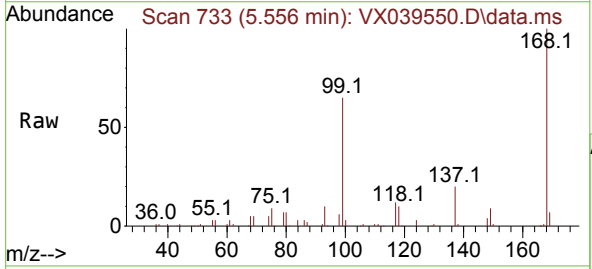
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

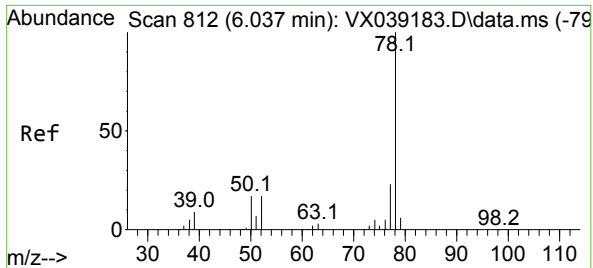
Tgt Ion	Resp	Lower	Upper
75	8473		
75	100		
110	8.2	17.0	50.9#
77	0.0	24.7	37.1#



#38
 Carbon Tetrachloride
 Concen: 5.422 ug/l
 RT: 5.556 min Scan# 733
 Delta R.T. -0.122 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion	Resp	Lower	Upper
117	10234		
117	100		
119	2.4	78.2	117.2#
121	0.0	24.4	36.6#

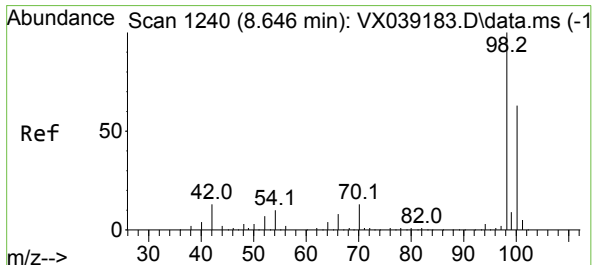
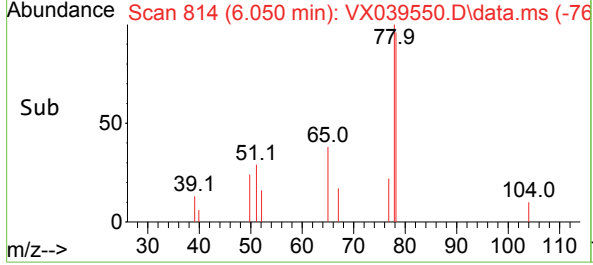
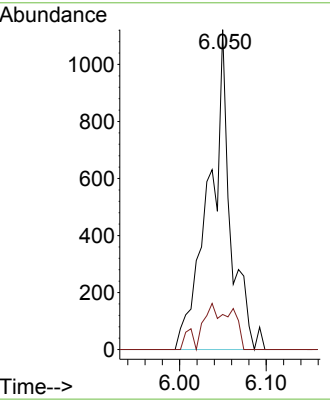
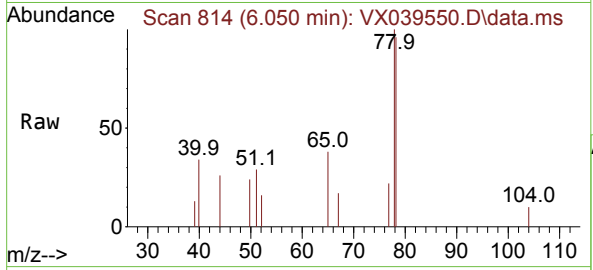




#40
Benzene
Concen: 0.347 ug/l
RT: 6.050 min Scan# 814
Delta R.T. 0.012 min
Lab File: VX039550.D
Acq: 29 Dec 2023 17:02

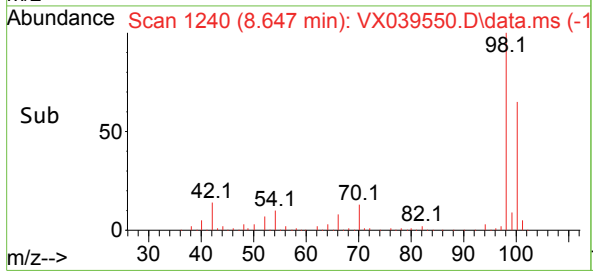
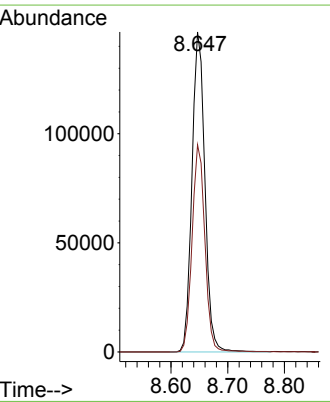
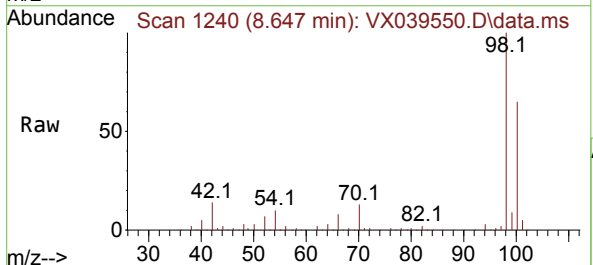
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

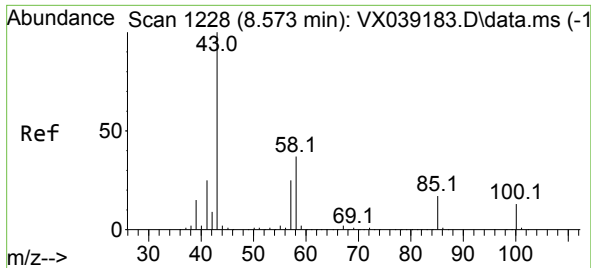
Tgt Ion: 78 Resp: 1939
Ion Ratio Lower Upper
78 100
77 11.0 19.3 28.9#



#50
Toluene-d8
Concen: 49.775 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039550.D
Acq: 29 Dec 2023 17:02

Tgt Ion: 98 Resp: 231621
Ion Ratio Lower Upper
98 100
100 64.3 53.1 79.7

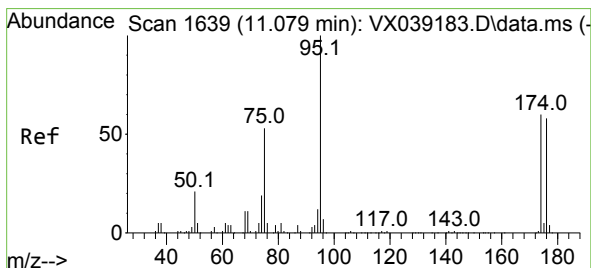
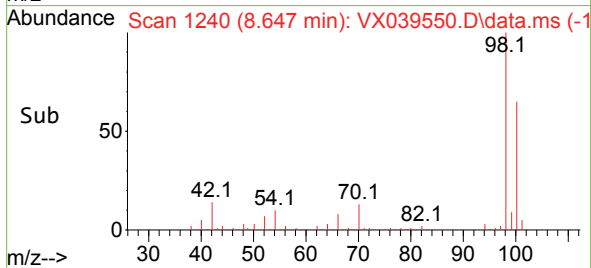
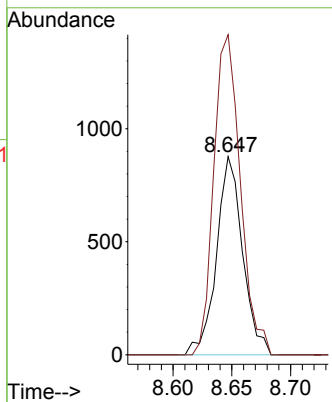
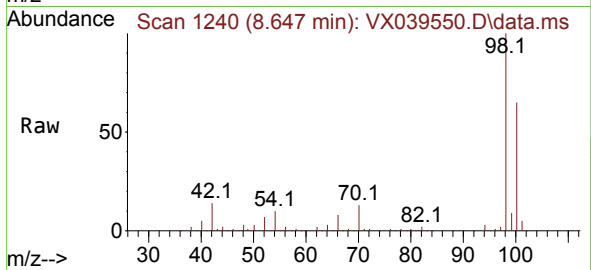




#51
 4-Methyl-2-Pentanone
 Concen: 0.536 ug/l
 RT: 8.647 min Scan# 11
 Delta R.T. 0.073 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

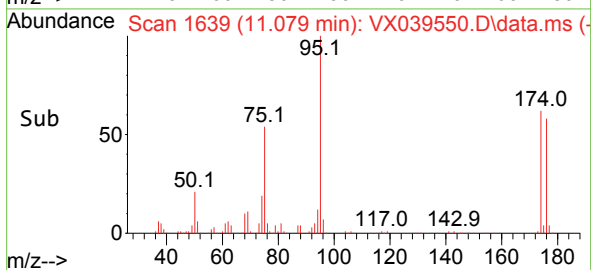
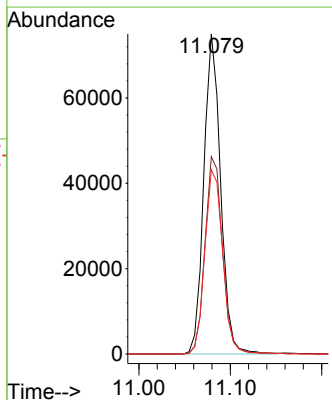
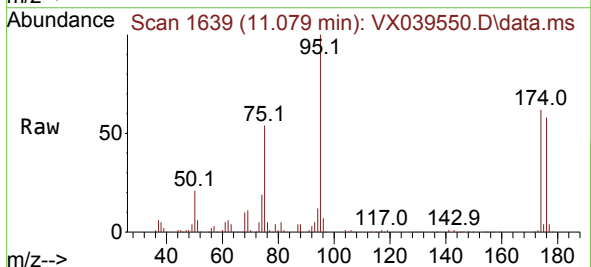
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

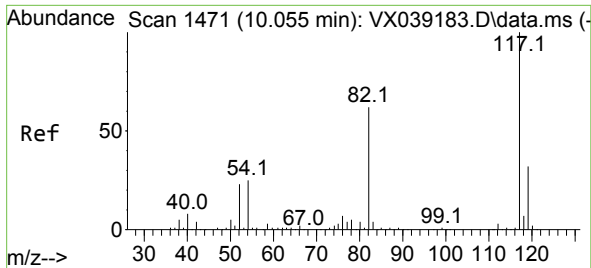
Tgt Ion: 43 Resp: 1357
 Ion Ratio Lower Upper
 43 100
 58 164.3 30.4 45.6#



#62
 4-Bromofluorobenzene
 Concen: 49.733 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion: 95 Resp: 95484
 Ion Ratio Lower Upper
 95 100
 174 64.3 0.0 135.6
 176 61.5 0.0 131.0

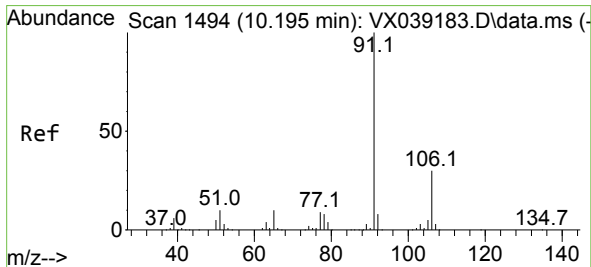
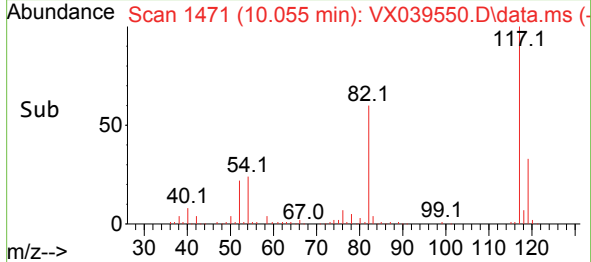
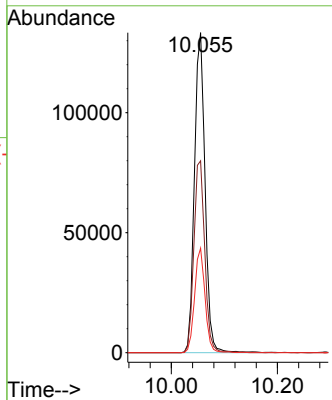
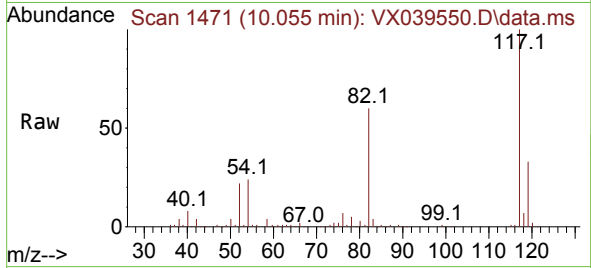




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 10.055 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

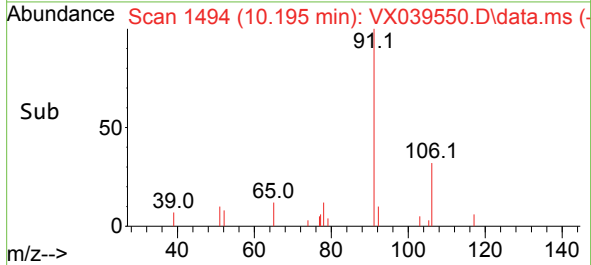
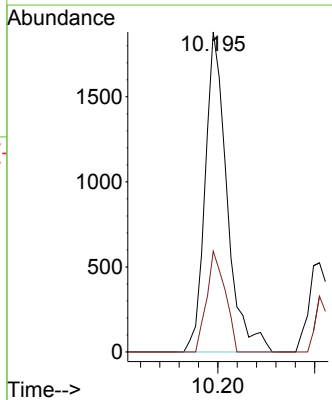
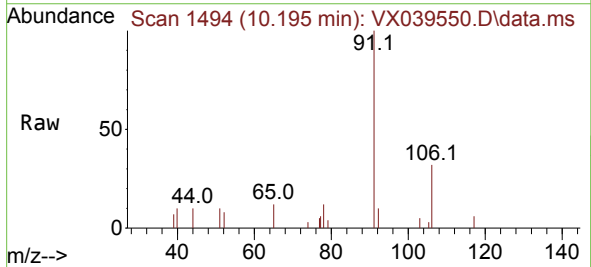
Instrument :
 MSVOA_X
ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

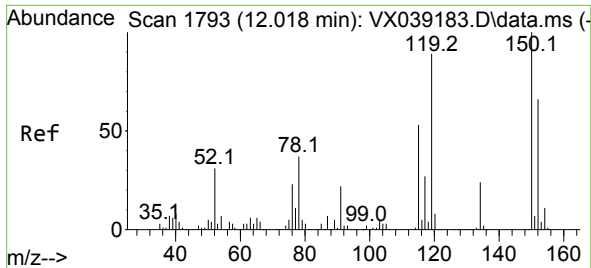
Tgt Ion	Resp	Lower	Upper
117	184999		
117	100		
82	59.9	46.2	69.4
119	32.7	25.5	38.3



#67
 Ethyl Benzene
 Concen: 0.394 ug/l
 RT: 10.195 min Scan# 1494
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion	Resp	Lower	Upper
91	2960		
91	100		
106	31.5	24.9	37.3

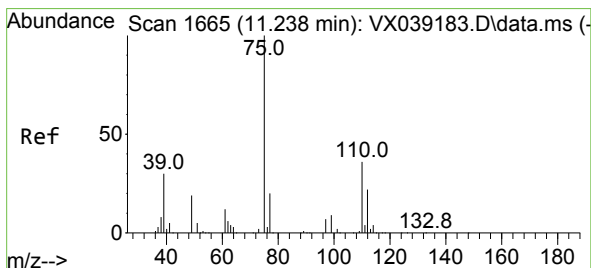
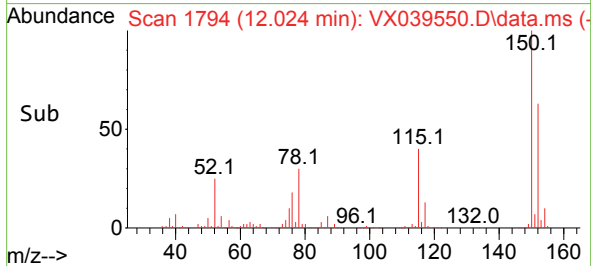
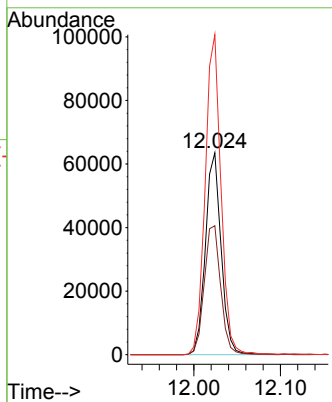
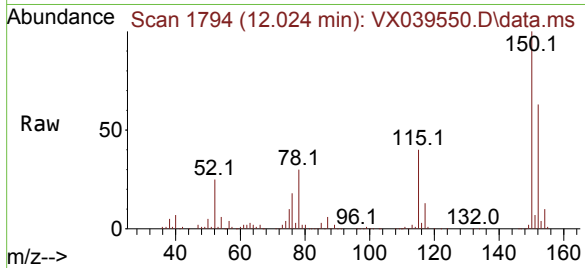




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1
 Delta R.T. 0.006 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

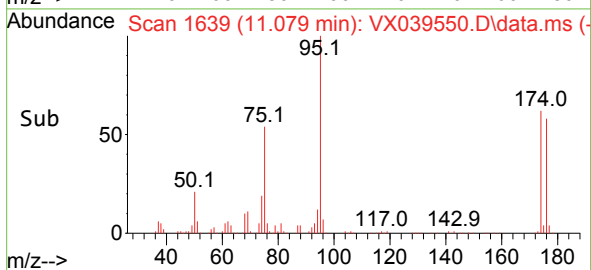
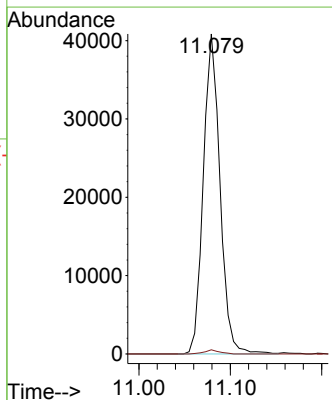
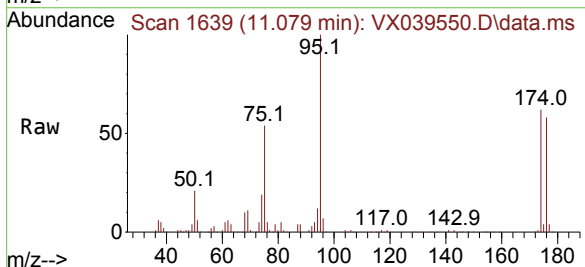
Instrument : MSVOA_X
 ClientSampleId : STORAGE-BLANK-WATER-REF-5

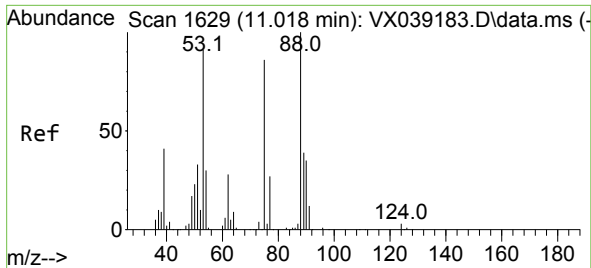
Tgt Ion	Resp	Lower	Upper
152	80191	100	
115	66.9	43.3	129.9
150	158.7	0.0	345.0



#76
 1,2,3-Trichloropropane
 Concen: 24.931 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.158 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion	Resp	Lower	Upper
75	51724	100	
77	1.2	19.1	57.5#

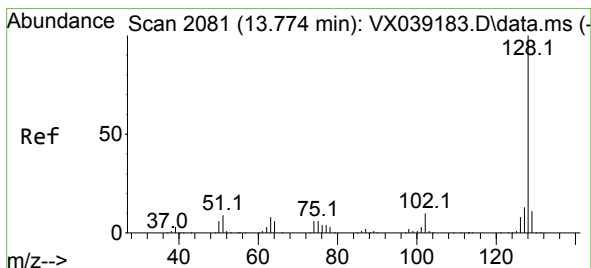
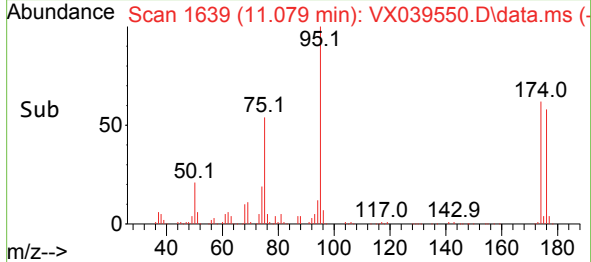
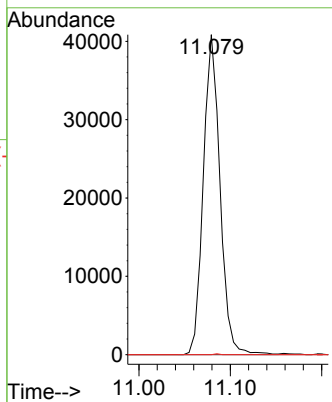
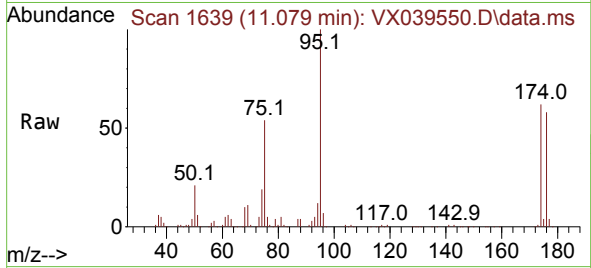




#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.330 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

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

Tgt Ion: 75 Resp: 51724
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.1 36.9 55.3#



#95
 Naphthalene
 Concen: 3.567 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VX039550.D
 Acq: 29 Dec 2023 17:02

Tgt Ion:128 Resp: 20918
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 10.9 8.8 13.2

