

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033123\
 Data File : VX034882.D
 Acq On : 31 Mar 2023 16:44
 Operator : JC/MD
 Sample : 02149-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

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

Quant Time: Apr 03 01:20:42 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

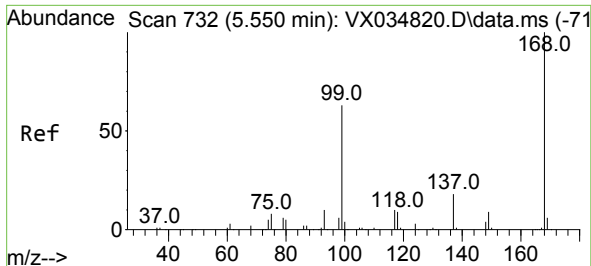
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.550	168	227430	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	397185	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352615	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	155204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	166371	47.832	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.660%
35) Dibromofluoromethane	5.385	113	123064	46.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.680%
50) Toluene-d8	8.647	98	478189	49.315	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.620%
62) 4-Bromofluorobenzene	11.079	95	166409	44.348	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.700%
Target Compounds						
					Qvalue	
3) Chloromethane	1.252	50	2938	1.034	ug/l #	42
6) Chloroethane	1.721	64	1450	0.793	ug/l #	52
11) Tert butyl alcohol	2.947	59	217	0.356	ug/l #	73
16) Acetone	2.386	43	1508	1.067	ug/l	92
20) Methylene Chloride	2.788	84	1150	0.412	ug/l	88
31) Cyclohexane	5.550	56	5832	1.377	ug/l #	16
36) 1,1-Dichloropropene	5.550	75	20277	5.210	ug/l #	50
38) Carbon Tetrachloride	5.556	117	24134	6.577	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2736	0.679	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	94096	30.089	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	94096	90.175	ug/l #	8

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

Quant Time: Apr 03 01:20:42 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

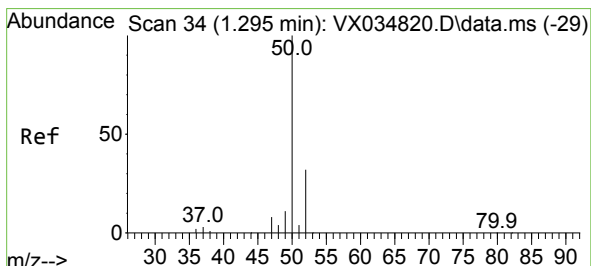
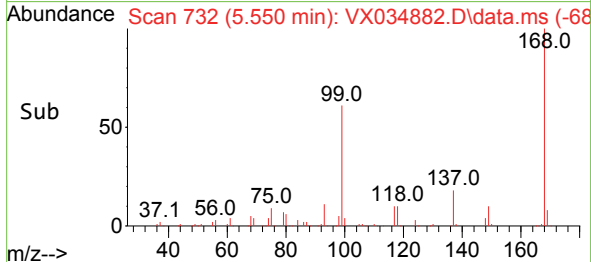
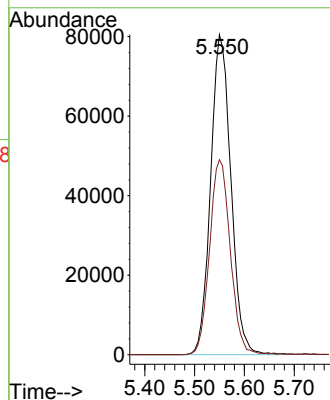
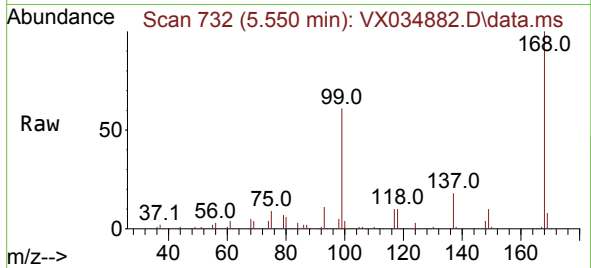




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

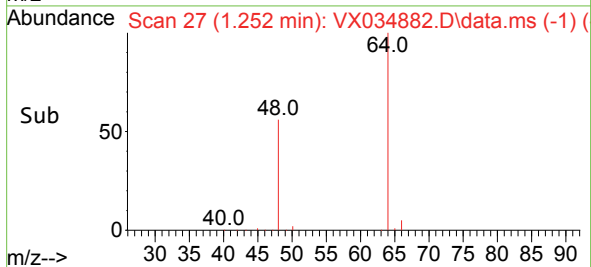
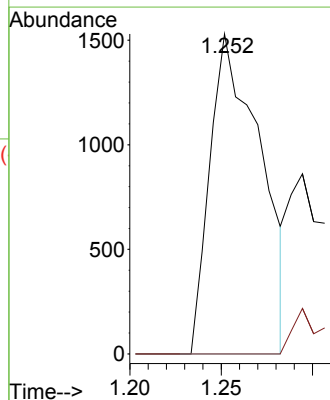
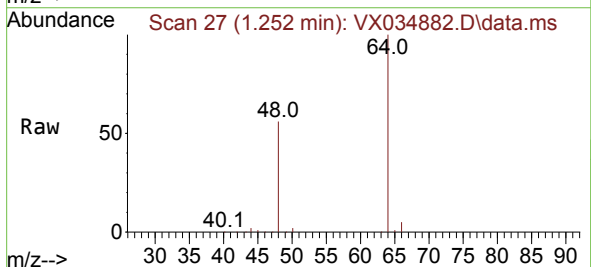
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

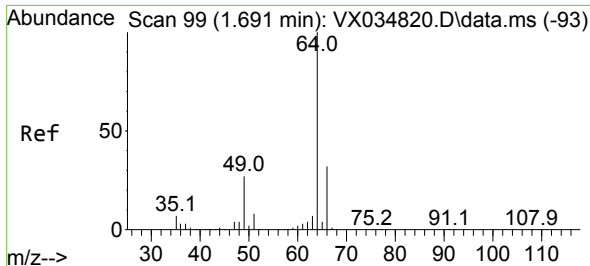
Tgt Ion:168 Resp: 227430
Ion Ratio Lower Upper
168 100
99 60.9 45.7 68.5



#3
Chloromethane
Concen: 1.034 ug/l
RT: 1.252 min Scan# 27
Delta R.T. -0.043 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 50 Resp: 2938
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

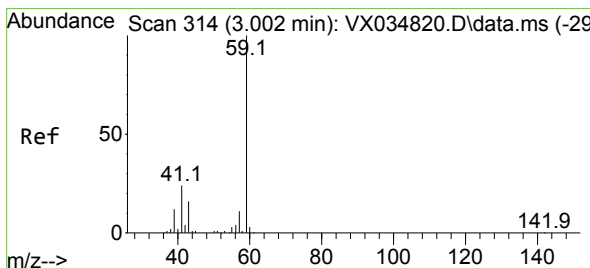
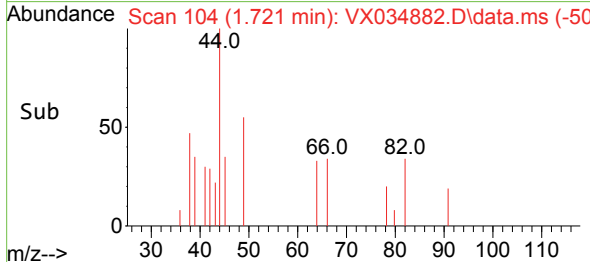
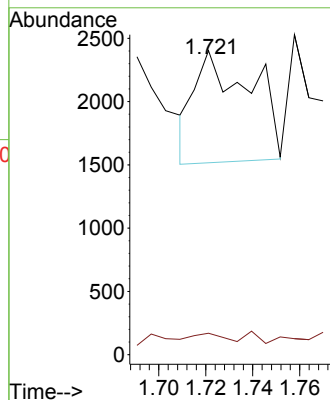
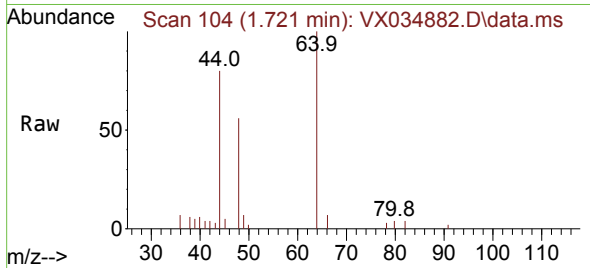




#6
Chloroethane
Concen: 0.793 ug/l
RT: 1.721 min Scan# 104
Delta R.T. 0.030 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

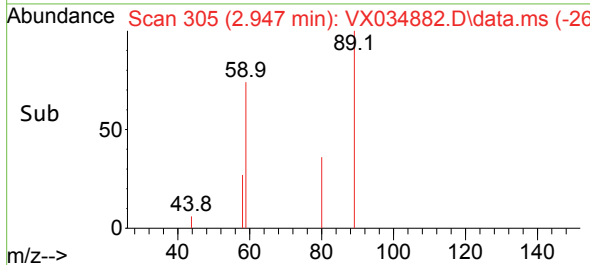
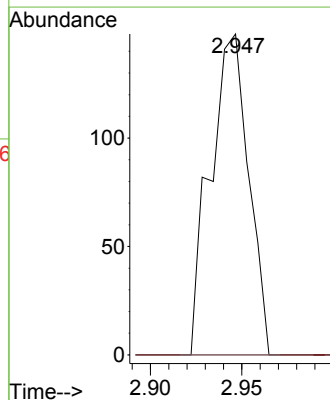
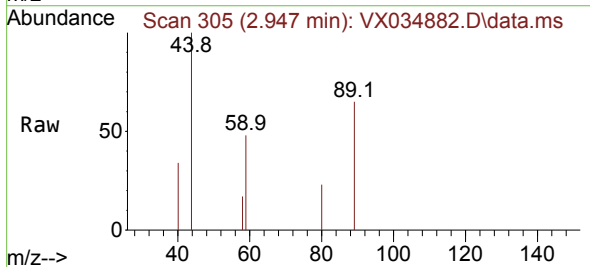
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

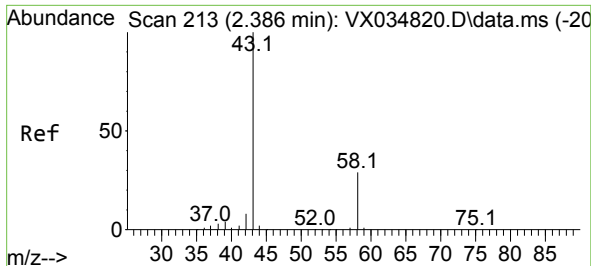
Tgt Ion: 64 Resp: 1450
Ion Ratio Lower Upper
64 100
66 5.7 26.2 39.4#



#11
Tert butyl alcohol
Concen: 0.356 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.055 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 59 Resp: 217
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

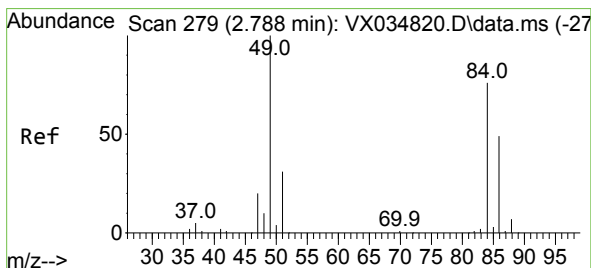
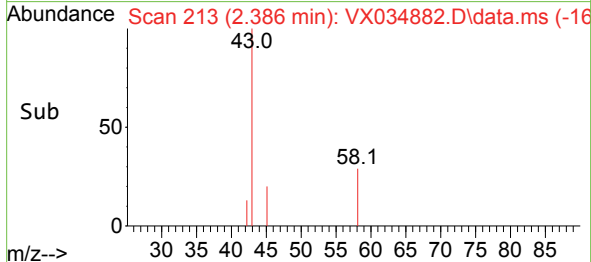
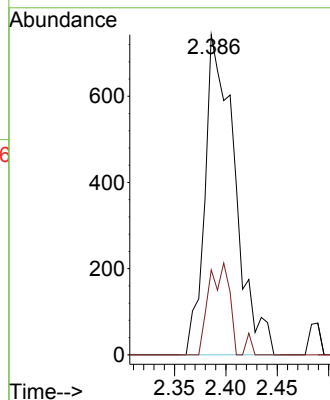
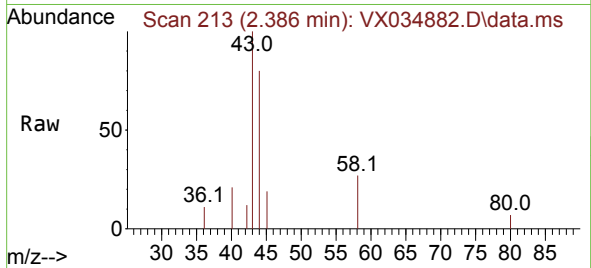




#16
Acetone
Concen: 1.067 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

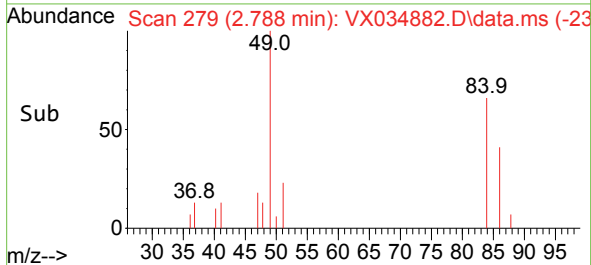
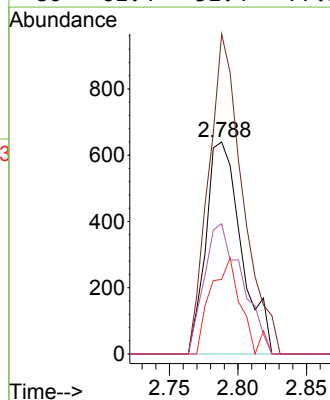
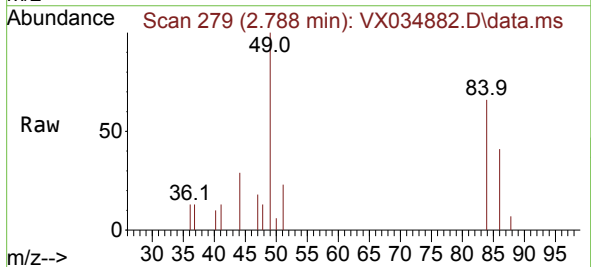
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

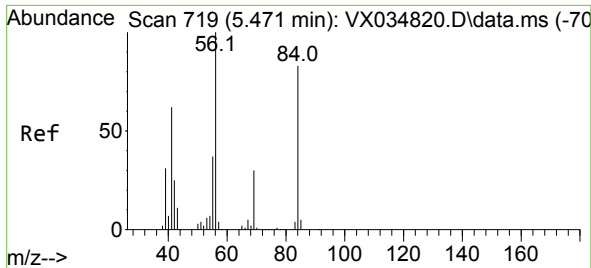
Tgt Ion: 43 Resp: 1508
Ion Ratio Lower Upper
43 100
58 26.5 24.7 37.1



#20
Methylene Chloride
Concen: 0.412 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 84 Resp: 1150
Ion Ratio Lower Upper
84 100
49 150.9 103.8 155.8
51 35.2 31.8 47.8
86 61.4 51.4 77.2

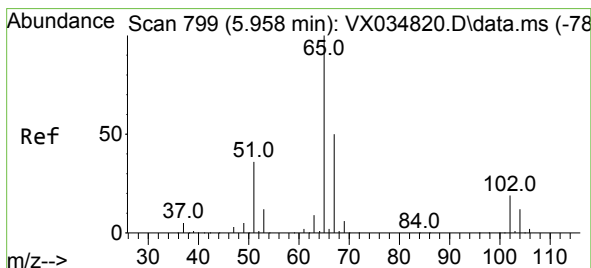
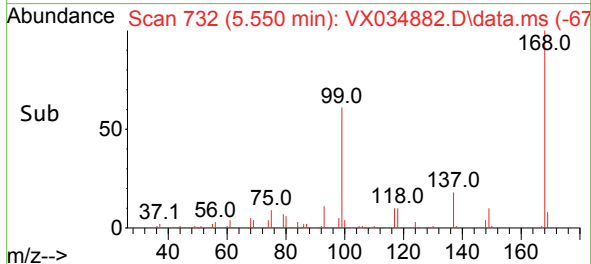
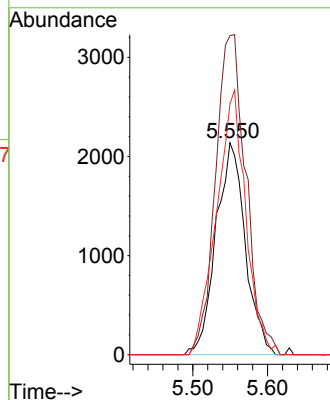
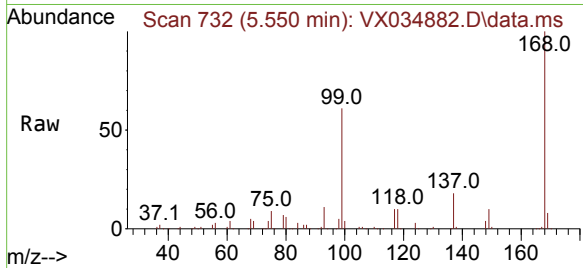




#31
Cyclohexane
Concen: 1.377 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

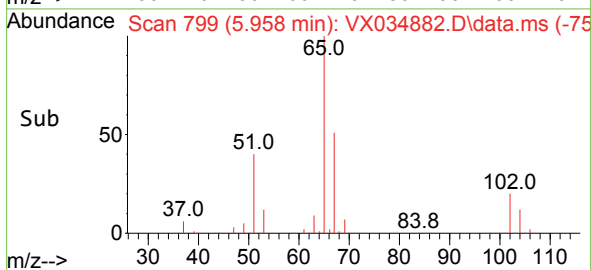
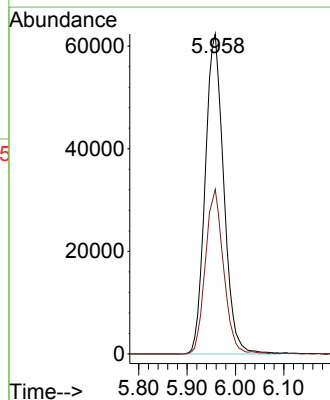
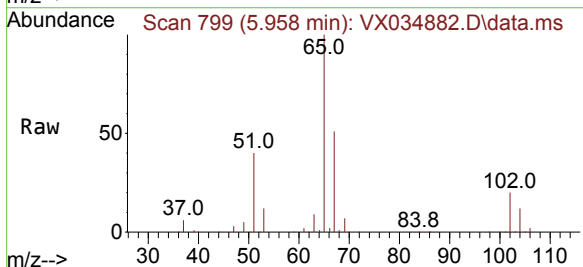
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

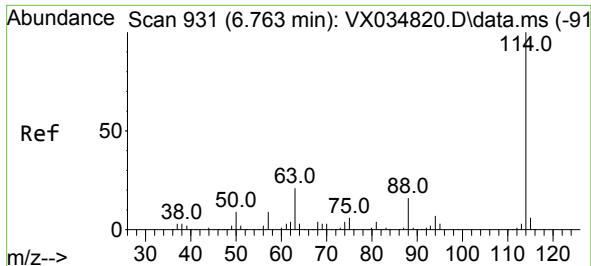
Tgt Ion: 56 Resp: 5832
Ion Ratio Lower Upper
56 100
69 150.6 23.7 35.5#
84 118.4 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.832 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 65 Resp: 166371
Ion Ratio Lower Upper
65 100
67 50.5 0.0 104.0

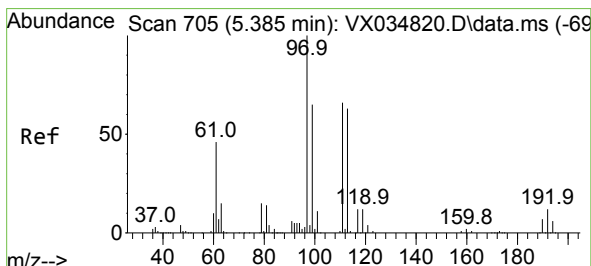
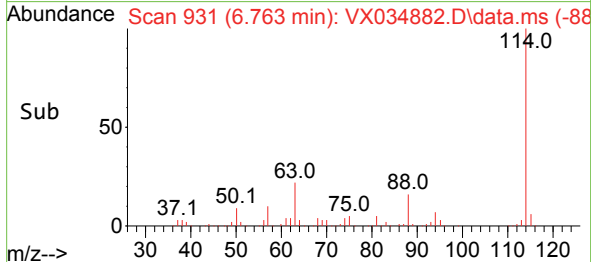
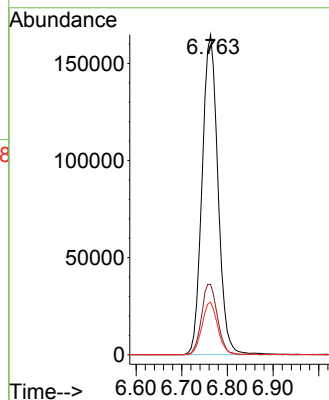
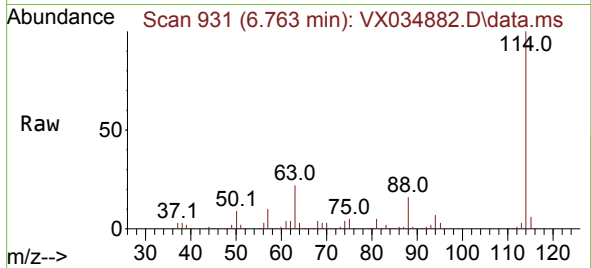




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

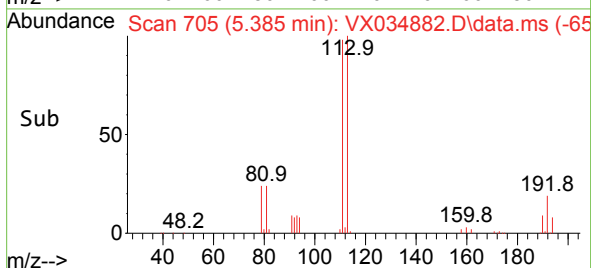
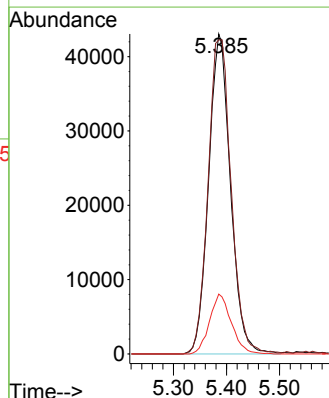
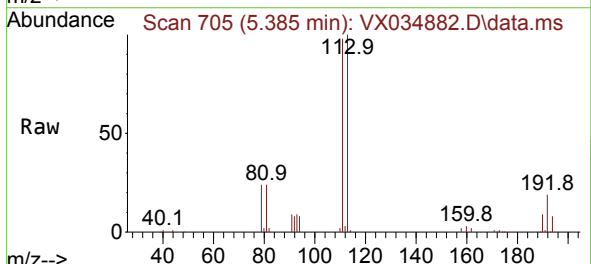
Instrument :
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

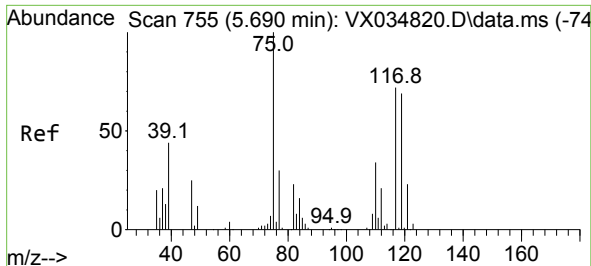
Tgt Ion:114 Resp: 397185
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 46.845 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion:113 Resp: 123064
Ion Ratio Lower Upper
113 100
111 104.0 83.7 125.5
192 18.7 15.4 23.2

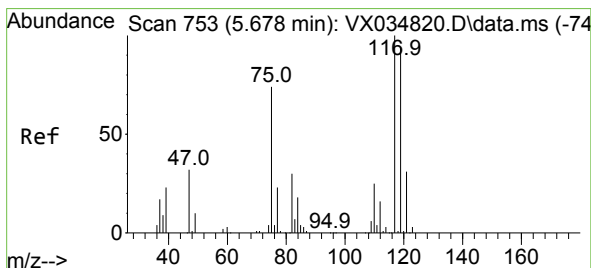
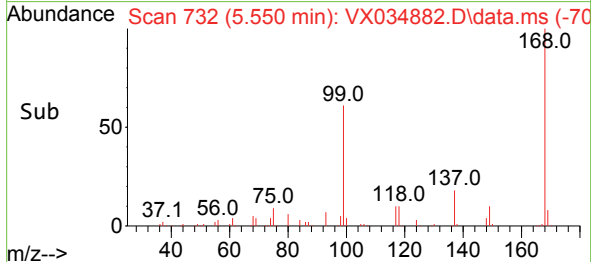
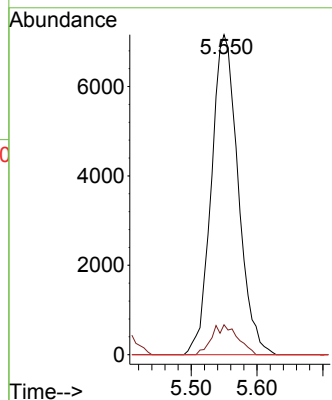
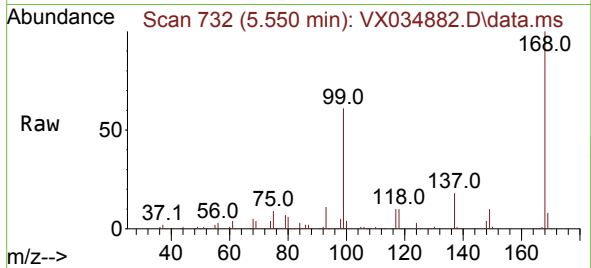




#36
1,1-Dichloropropene
Concen: 5.210 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

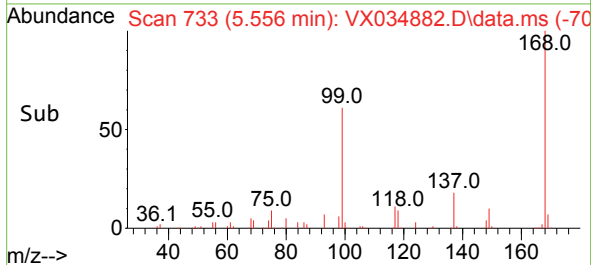
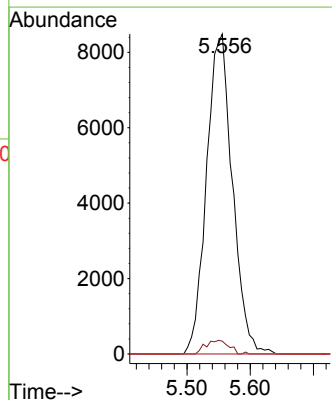
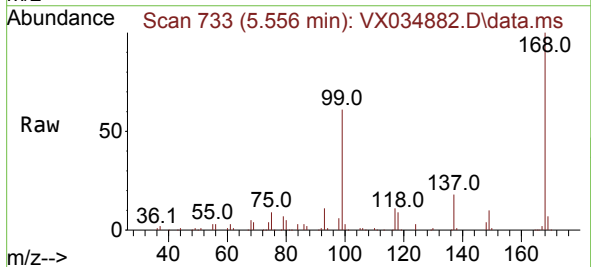
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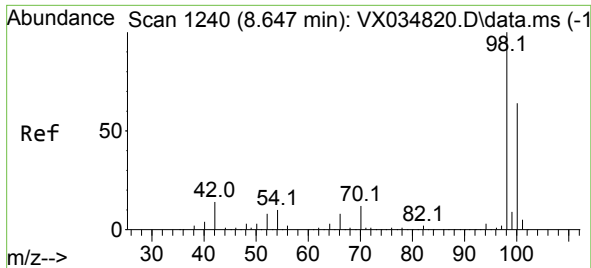
Tgt Ion: 75 Resp: 20277
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.577 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.122 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 117 Resp: 24134
Ion Ratio Lower Upper
117 100
119 4.0 76.6 114.8#
121 0.0 23.8 35.6#

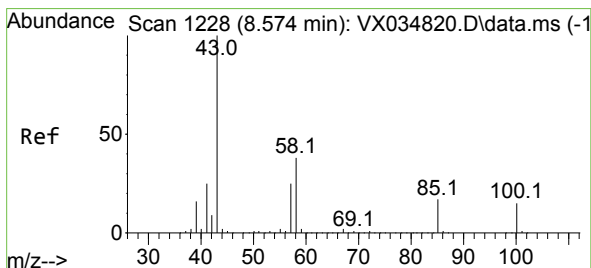
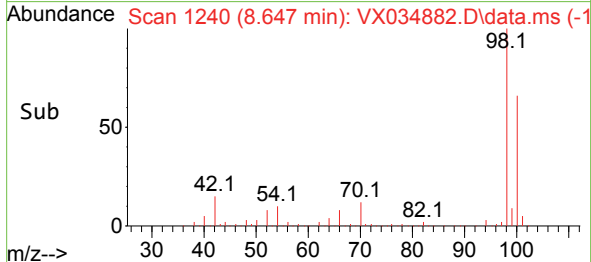
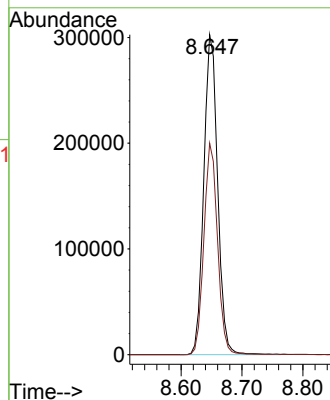
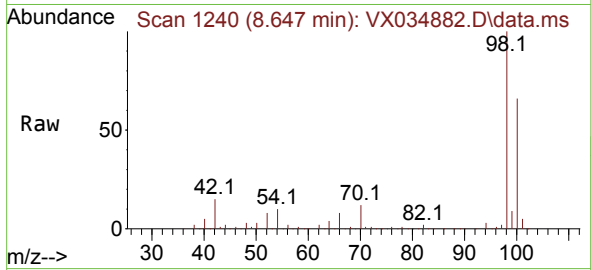




#50
Toluene-d8
Concen: 49.315 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

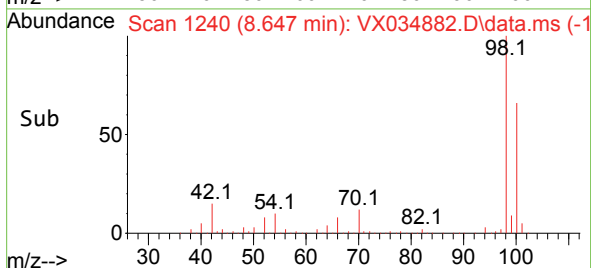
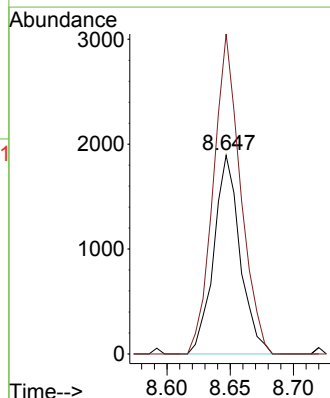
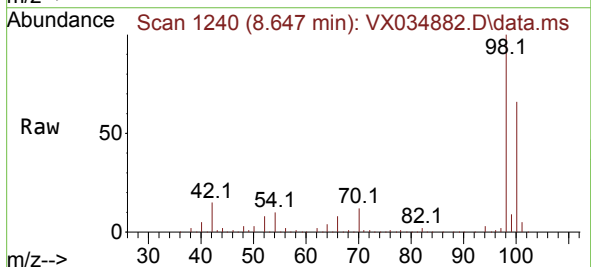
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

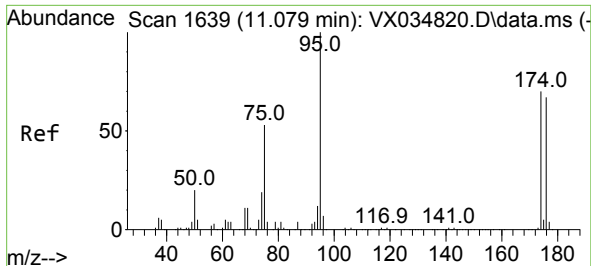
Tgt Ion: 98 Resp: 478189
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.679 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 43 Resp: 2736
Ion Ratio Lower Upper
43 100
58 166.6 30.6 46.0#

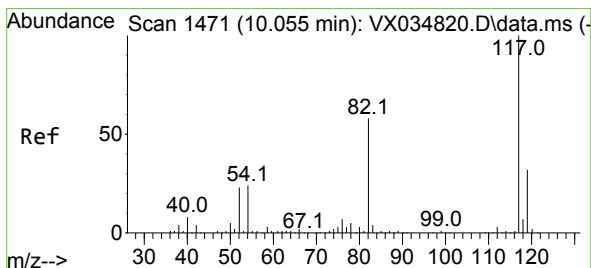
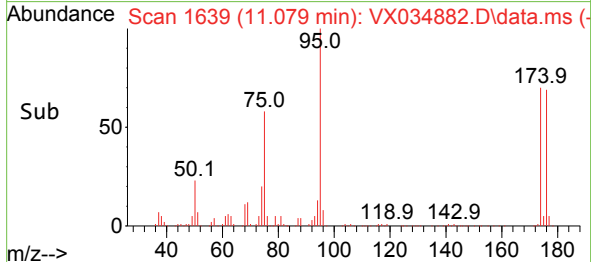
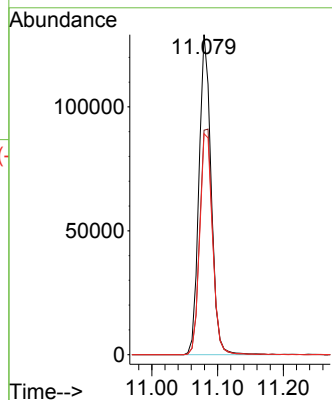
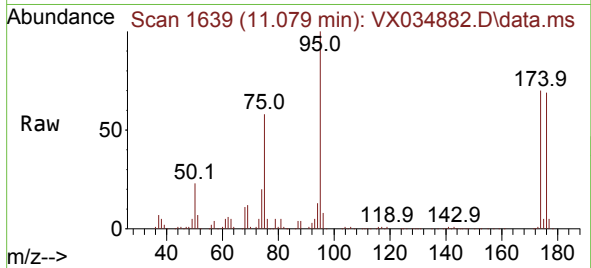




#62
4-Bromofluorobenzene
Concen: 44.348 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

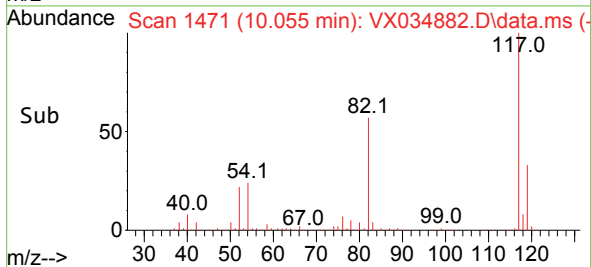
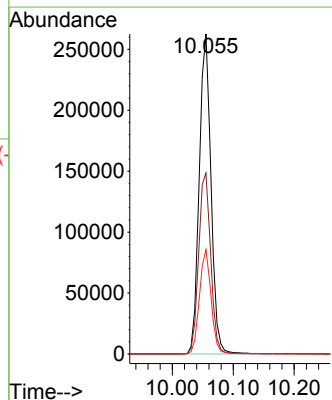
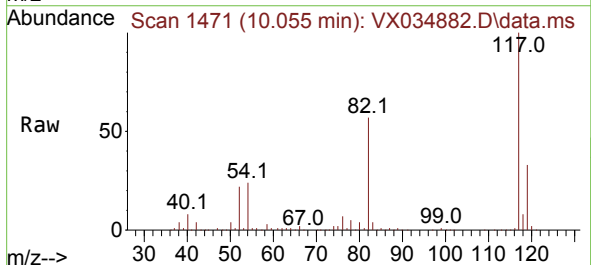
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

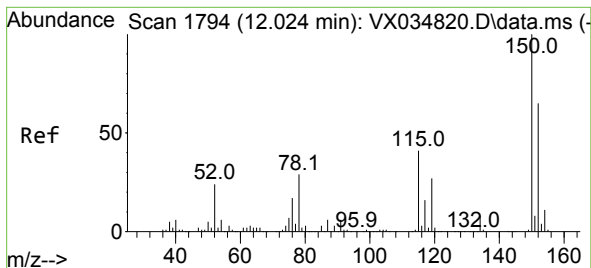
Tgt Ion: 95 Resp: 166409
Ion Ratio Lower Upper
95 100
174 74.5 0.0 147.4
176 72.7 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034882.D
Acq: 31 Mar 2023 16:44

Tgt Ion: 117 Resp: 352615
Ion Ratio Lower Upper
117 100
82 56.5 45.0 67.4
119 32.6 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: VX034882.D

Acq: 31 Mar 2023 16:44

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

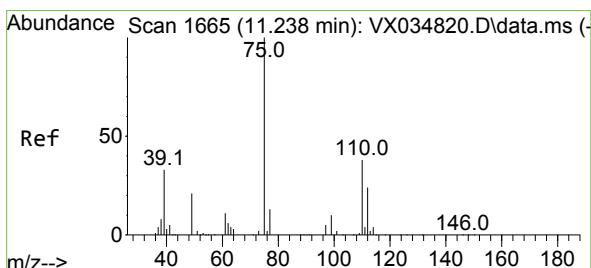
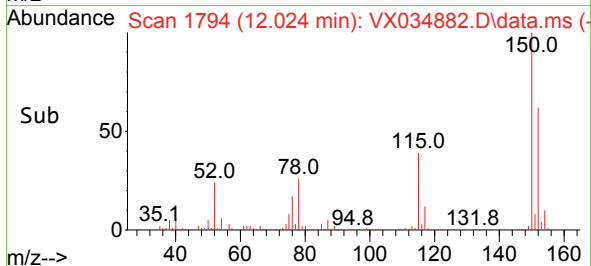
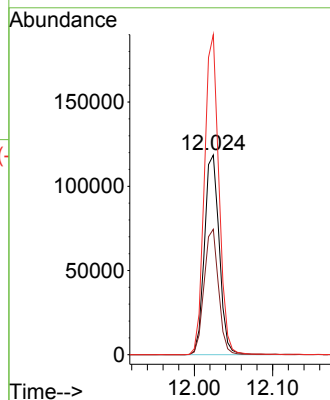
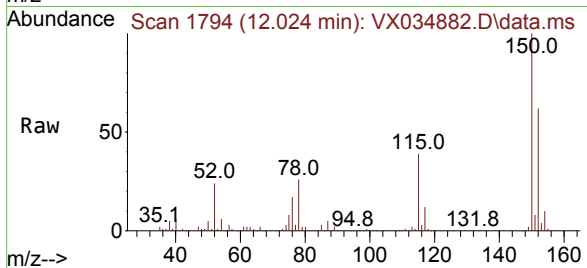
Tgt Ion:152 Resp: 155204

Ion Ratio Lower Upper

152 100

115 61.5 45.0 135.0

150 157.1 0.0 352.4



#76

1,2,3-Trichloropropane

Concen: 30.089 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX034882.D

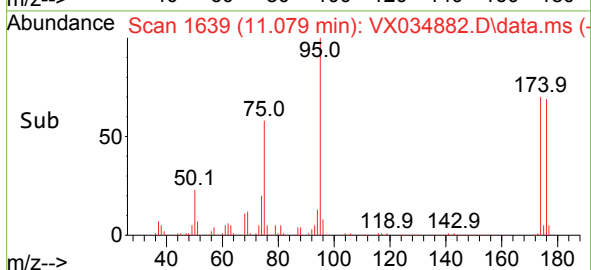
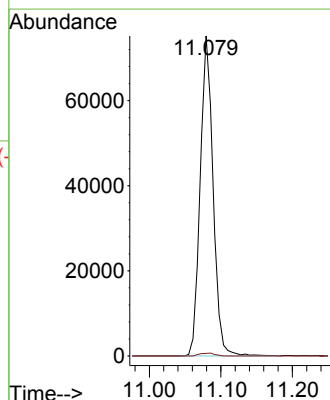
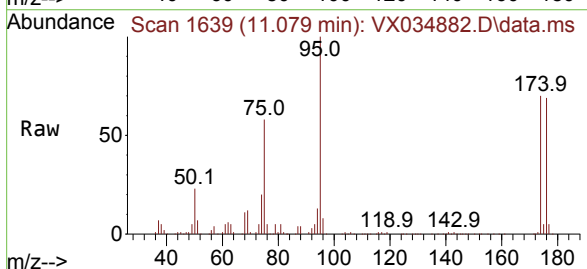
Acq: 31 Mar 2023 16:44

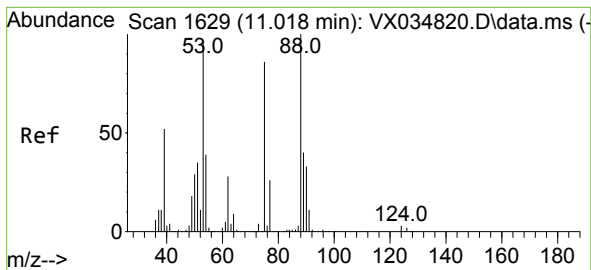
Tgt Ion: 75 Resp: 94096

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 90.175 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034882.D
 Acq: 31 Mar 2023 16:44

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

Tgt Ion: 75 Resp: 94096
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

