

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041223\
 Data File : VX035017.D
 Acq On : 11 Apr 2023 18:16
 Operator : JC/MD
 Sample : 02263-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Apr 12 05:53:27 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)

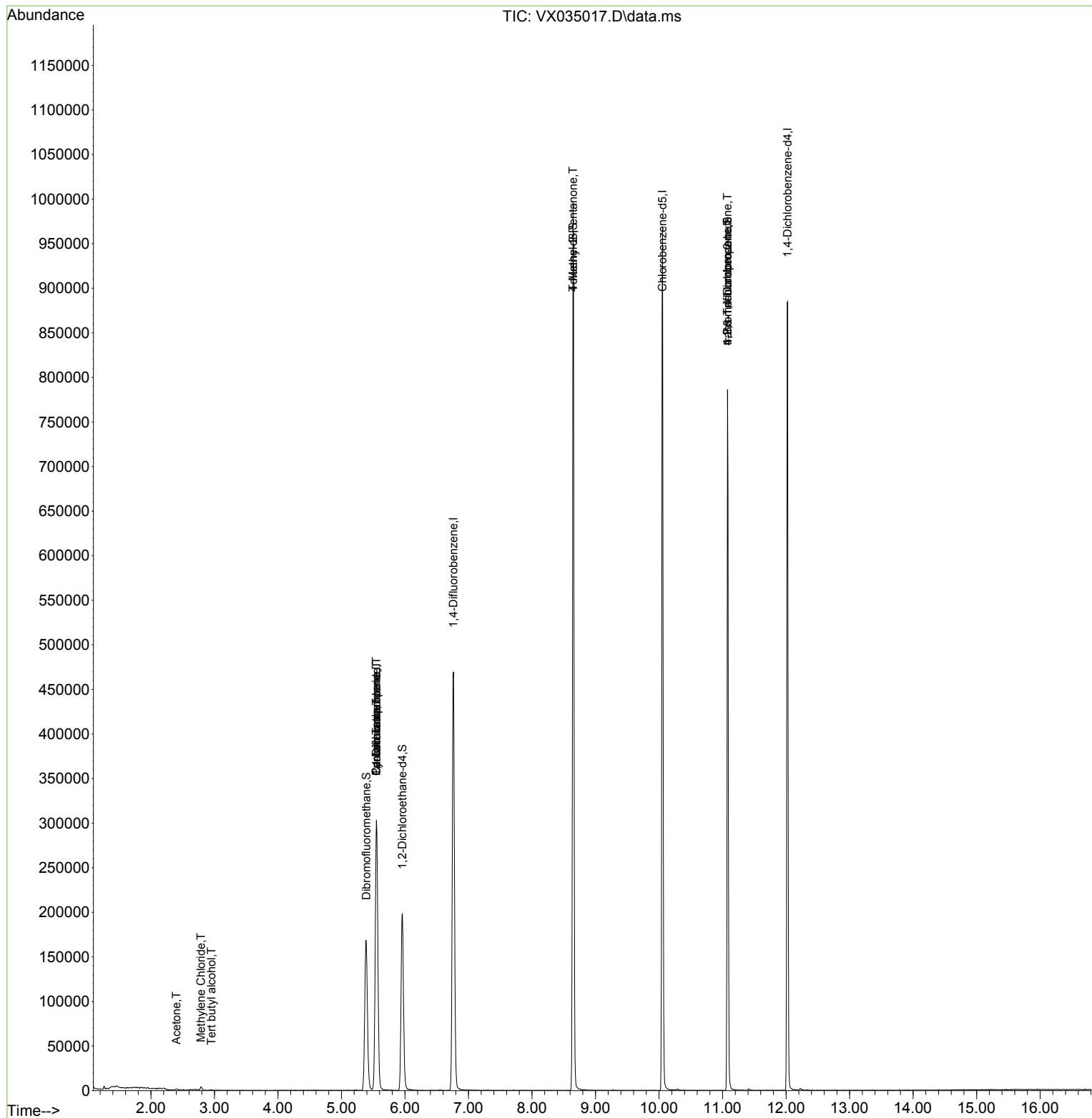
Internal Standards						
1) Pentafluorobenzene	5.550	168	275746	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	474816	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	428139	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	186399	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198363	47.037	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.080%
35) Dibromofluoromethane	5.391	113	147612	47.002	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.000%
50) Toluene-d8	8.647	98	571871	49.334	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.660%
62) 4-Bromofluorobenzene	11.079	95	210051	46.826	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.660%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.953	59	403	0.545	ug/l #	73
16) Acetone	2.398	43	2305	1.345	ug/l #	87
20) Methylene Chloride	2.788	84	1535	0.454	ug/l #	90
31) Cyclohexane	5.550	56	6386	1.244	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	23249	4.997	ug/l #	51
38) Carbon Tetrachloride	5.550	117	30498	6.952	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	2843	0.590	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	110009	29.290	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	110009	87.781	ug/l #	8

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

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

Quant Time: Apr 12 05:53:27 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

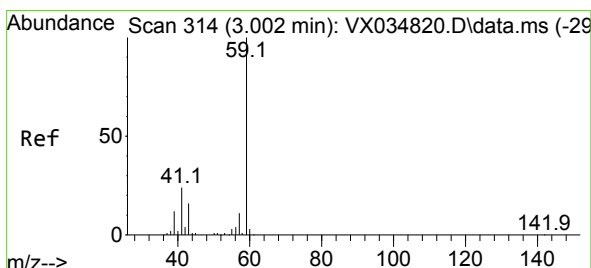
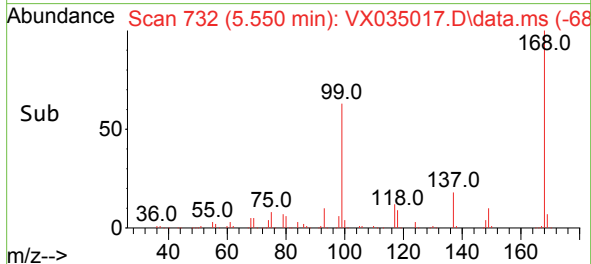
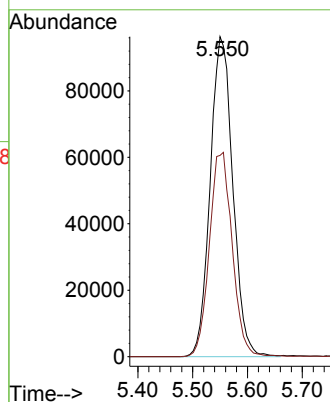
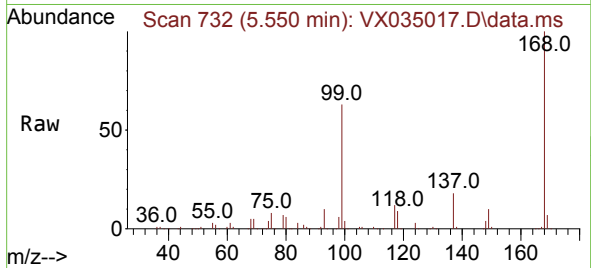




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

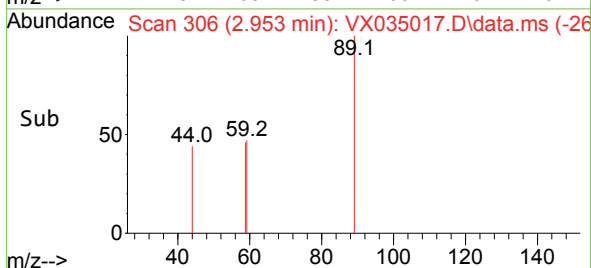
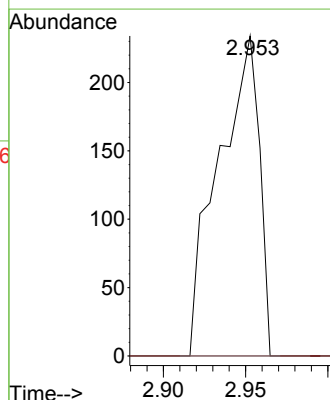
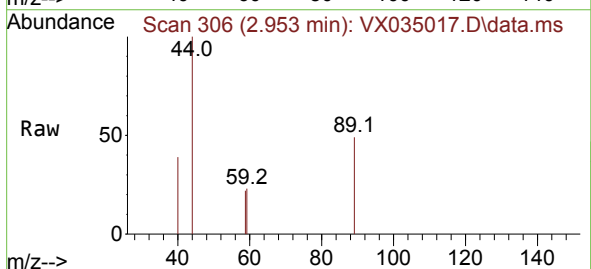
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

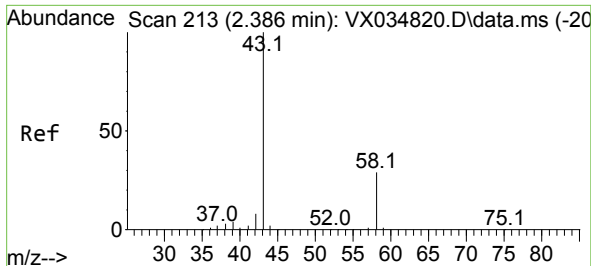
Tgt Ion:168 Resp: 275746
Ion Ratio Lower Upper
168 100
99 62.9 45.7 68.5



#11
Tert butyl alcohol
Concen: 0.545 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.049 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

Tgt Ion: 59 Resp: 403
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

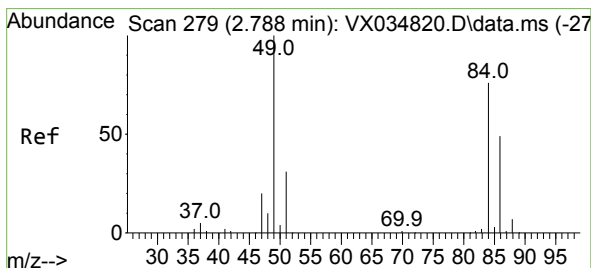
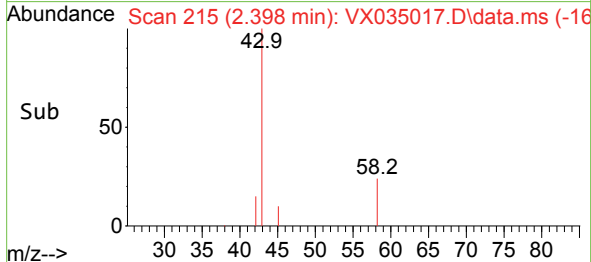
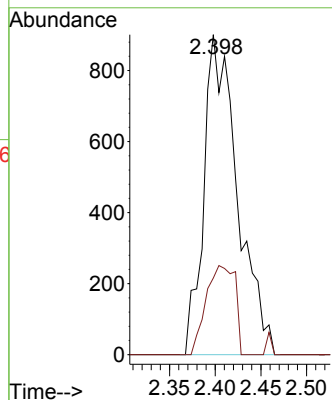
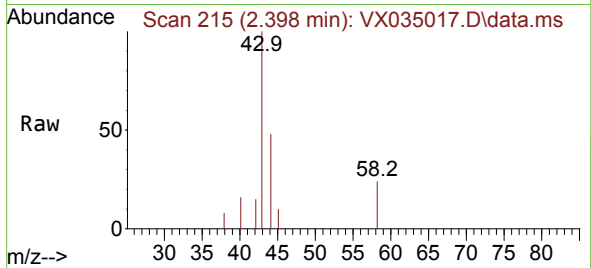




#16
Acetone
Concen: 1.345 ug/l
RT: 2.398 min Scan# 213
Delta R.T. 0.012 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

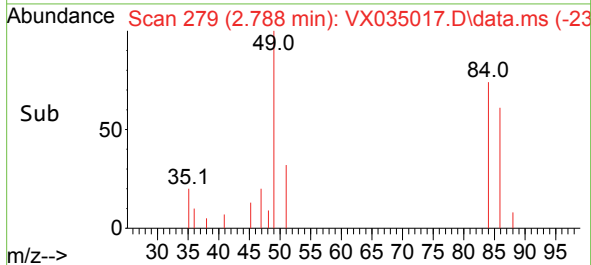
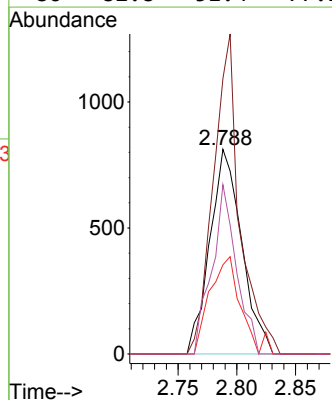
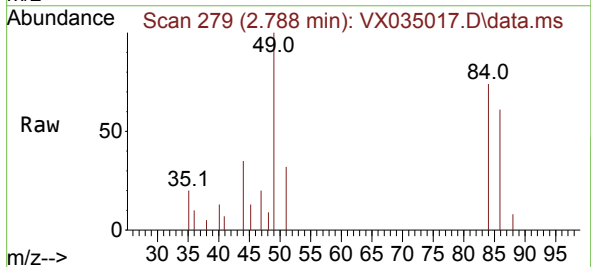
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

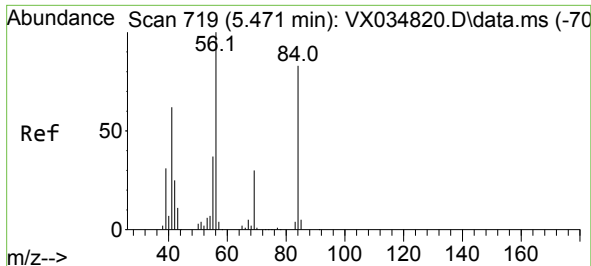
Tgt Ion: 43 Resp: 2305
Ion Ratio Lower Upper
43 100
58 24.0 24.7 37.1#



#20
Methylene Chloride
Concen: 0.454 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

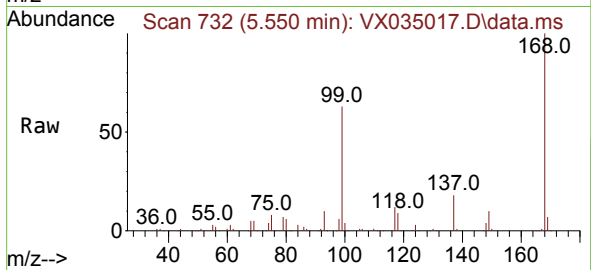
Tgt Ion: 84 Resp: 1535
Ion Ratio Lower Upper
84 100
49 134.6 103.8 155.8
51 43.6 31.8 47.8
86 82.8 51.4 77.2#



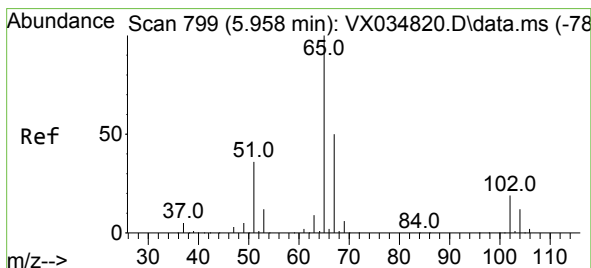
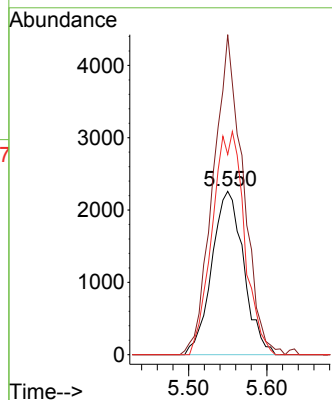
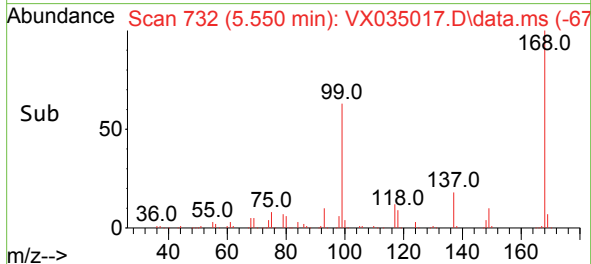


#31
Cyclohexane
Concen: 1.244 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

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

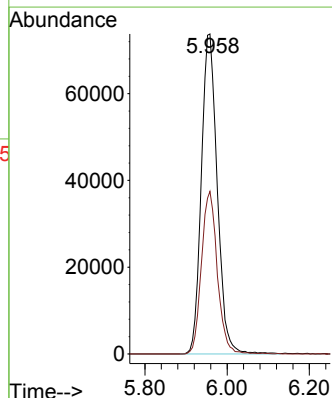
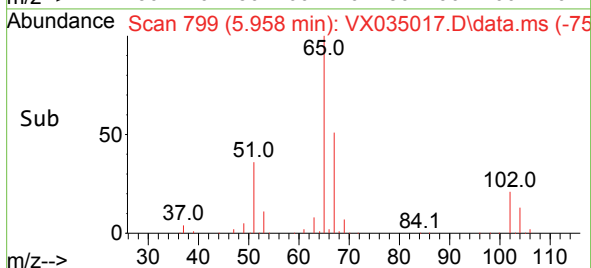
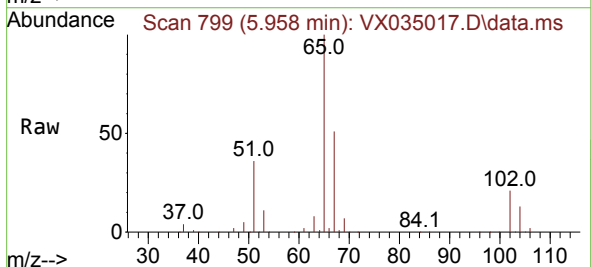


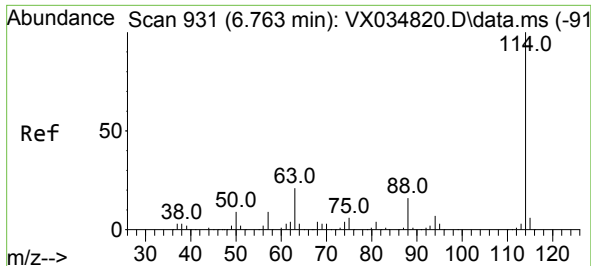
Tgt Ion: 56 Resp: 6386
Ion Ratio Lower Upper
56 100
69 195.8 23.7 35.5#
84 122.5 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 47.037 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

Tgt Ion: 65 Resp: 198363
Ion Ratio Lower Upper
65 100
67 50.4 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: VX035017.D

Acq: 11 Apr 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

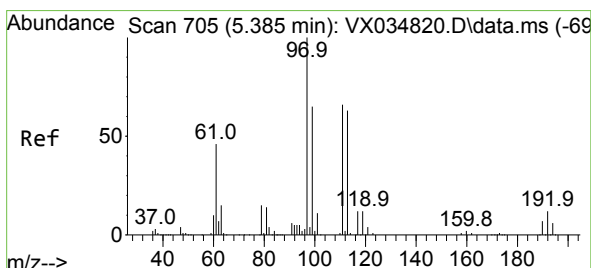
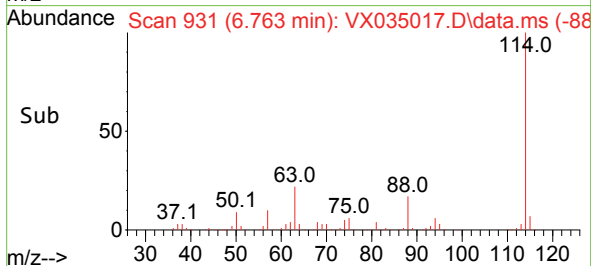
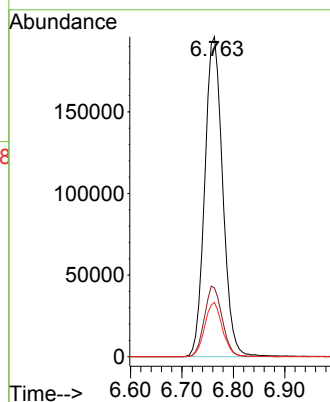
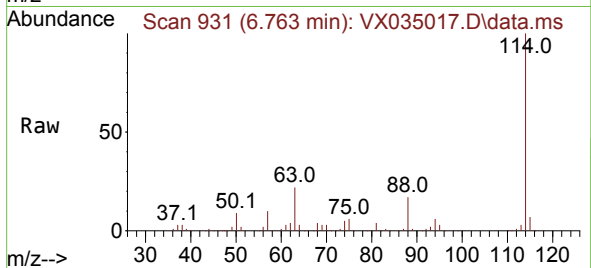
Tgt Ion:114 Resp: 474816

Ion Ratio Lower Upper

114 100

63 21.5 0.0 42.2

88 16.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 47.002 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX035017.D

Acq: 11 Apr 2023 18:16

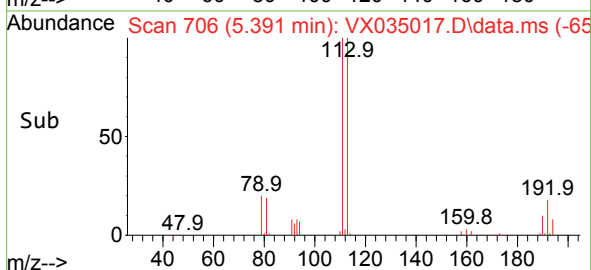
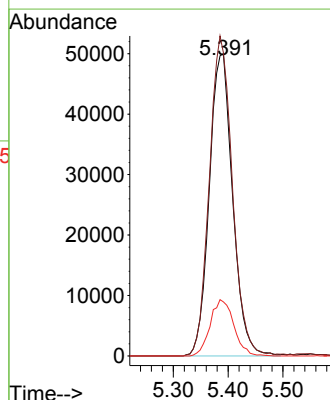
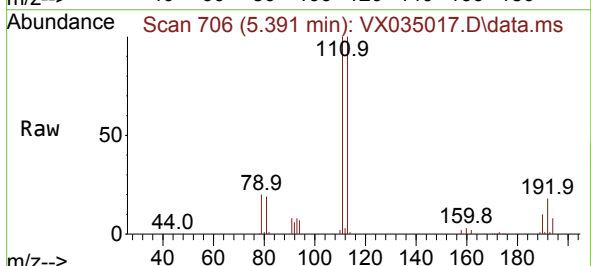
Tgt Ion:113 Resp: 147612

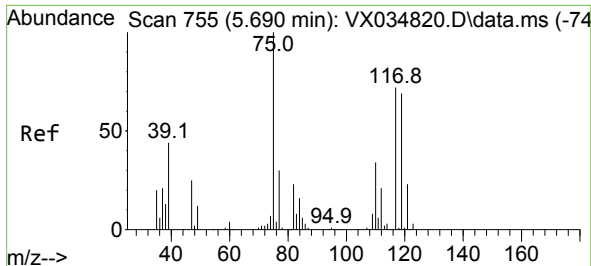
Ion Ratio Lower Upper

113 100

111 104.6 83.7 125.5

192 18.9 15.4 23.2

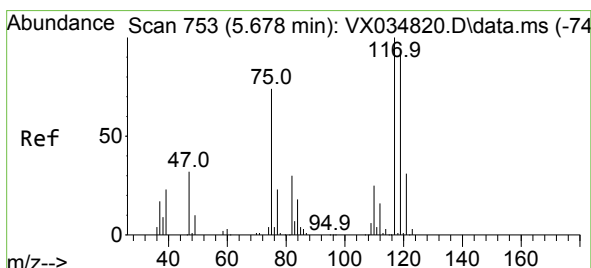
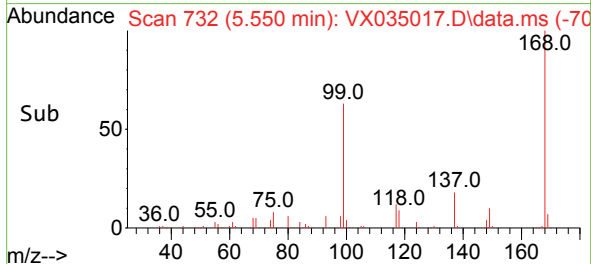
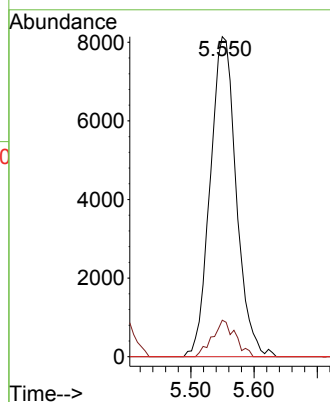
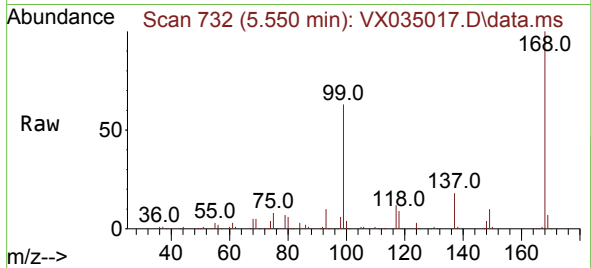




#36
1,1-Dichloropropene
Concen: 4.997 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

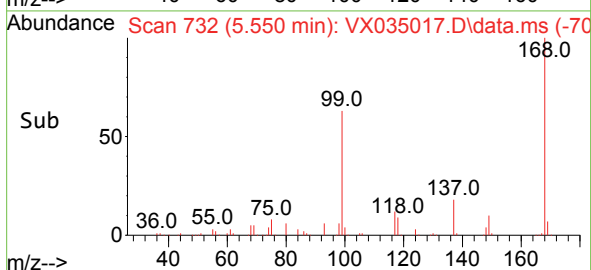
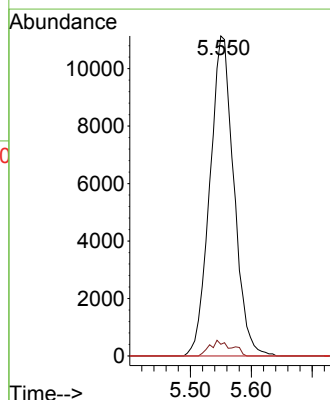
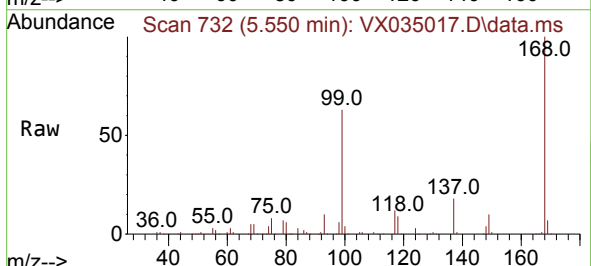
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

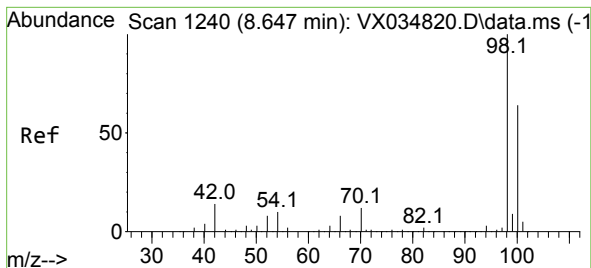
Tgt Ion: 75 Resp: 23249
Ion Ratio Lower Upper
75 100
110 10.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 6.952 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

Tgt Ion: 117 Resp: 30498
Ion Ratio Lower Upper
117 100
119 3.7 76.6 114.8#
121 0.0 23.8 35.6#





#50

Toluene-d8

Concen: 49.334 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX035017.D

Acq: 11 Apr 2023 18:16

Instrument :

MSVOA_X

ClientSampleId :

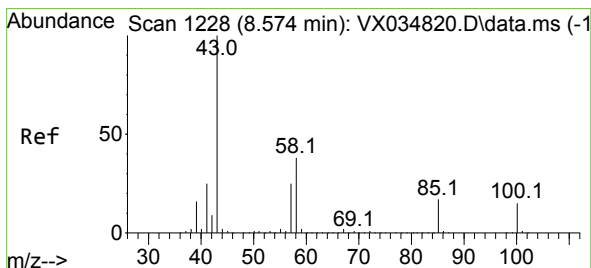
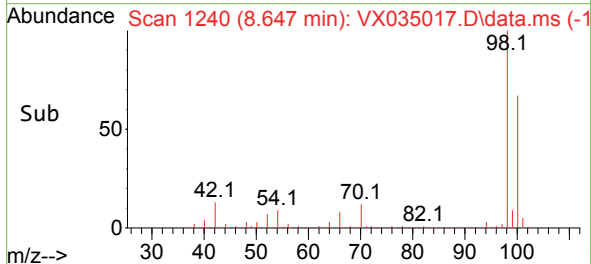
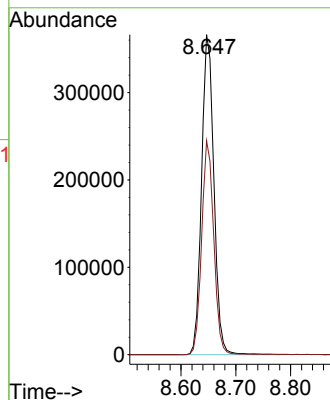
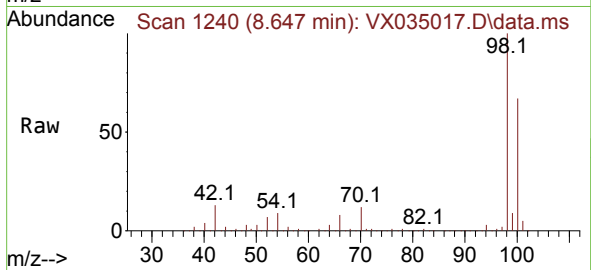
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 98 Resp: 571871

Ion Ratio Lower Upper

98 100

100 65.8 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.590 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.073 min

Lab File: VX035017.D

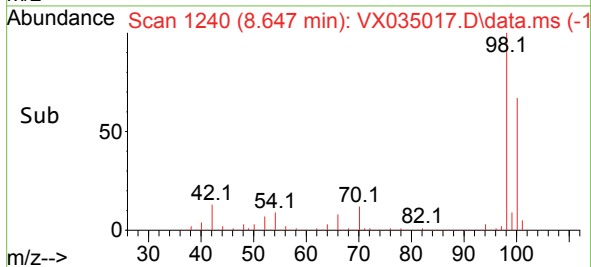
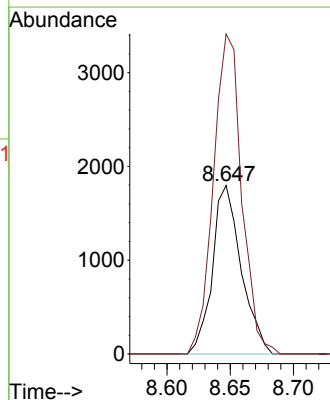
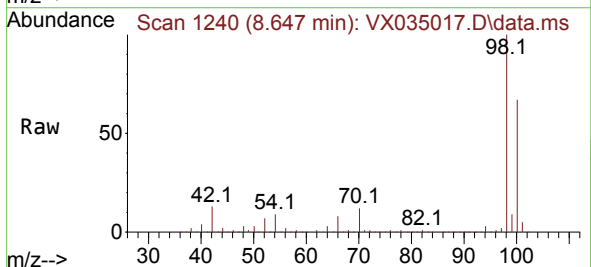
Acq: 11 Apr 2023 18:16

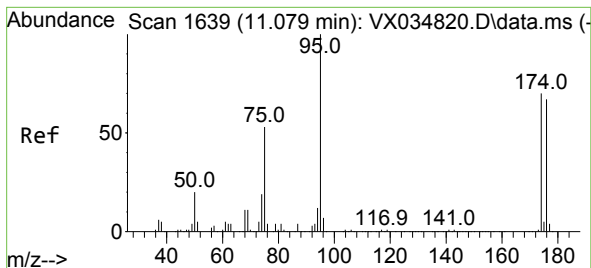
Tgt Ion: 43 Resp: 2843

Ion Ratio Lower Upper

43 100

58 186.8 30.6 46.0#

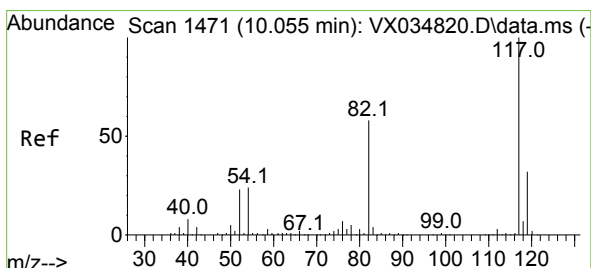
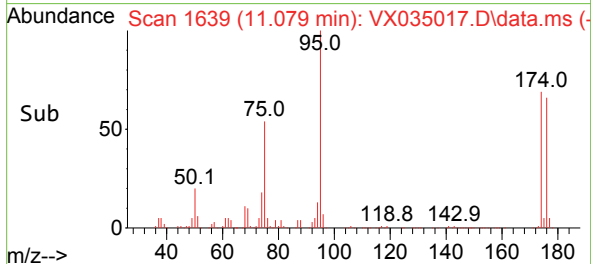
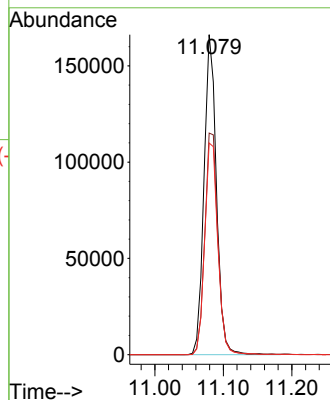
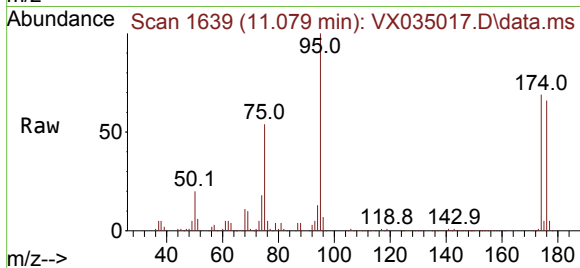




#62
4-Bromofluorobenzene
Concen: 46.826 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

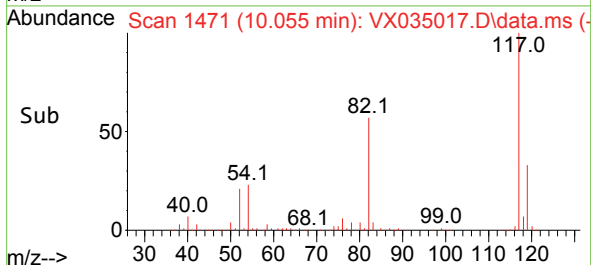
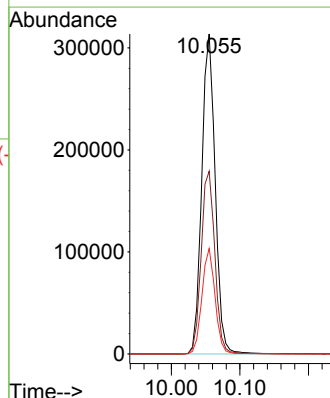
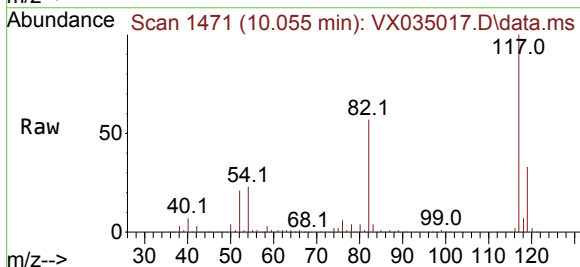
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

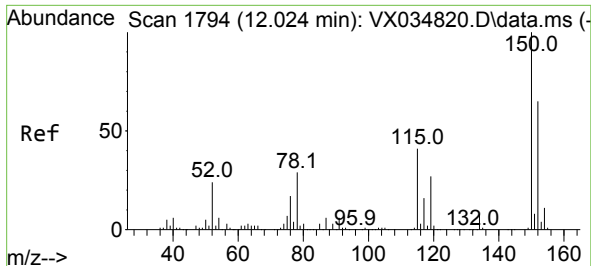
Tgt Ion: 95 Resp: 210051
Ion Ratio Lower Upper
95 100
174 72.9 0.0 147.4
176 70.2 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035017.D
Acq: 11 Apr 2023 18:16

Tgt Ion: 117 Resp: 428139
Ion Ratio Lower Upper
117 100
82 57.1 45.0 67.4
119 32.9 26.0 39.0

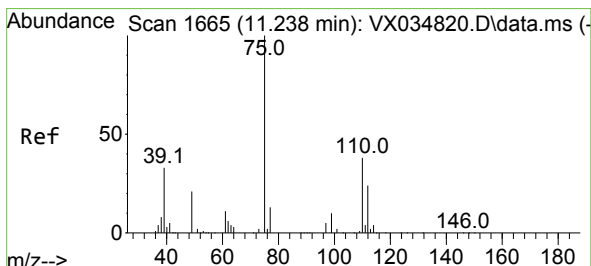
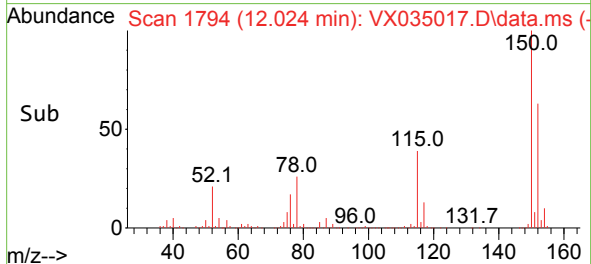
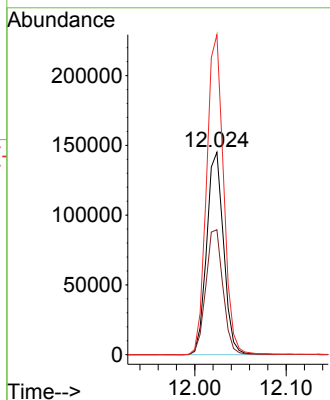
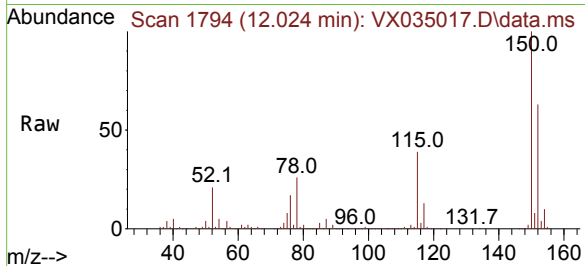




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035017.D
 Acq: 11 Apr 2023 18:16

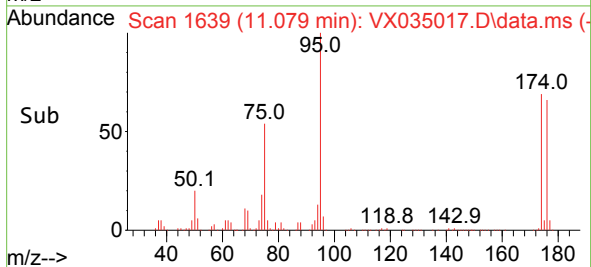
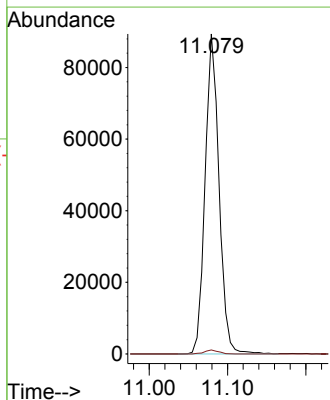
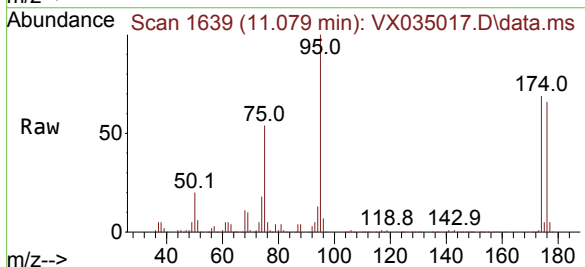
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

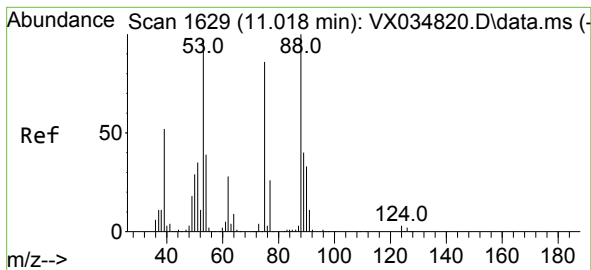
Tgt Ion:152 Resp: 186399
 Ion Ratio Lower Upper
 152 100
 115 62.9 45.0 135.0
 150 158.5 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 29.290 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX035017.D
 Acq: 11 Apr 2023 18:16

Tgt Ion: 75 Resp: 110009
 Ion Ratio Lower Upper
 75 100
 77 1.3 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.781 ug/l
 RT: 11.079 min Scan# 110009
 Delta R.T. 0.061 min
 Lab File: VX035017.D
 Acq: 11 Apr 2023 18:16

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

Tgt Ion: 75 Resp: 110009
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

