

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
 Data File : VX035861.D
 Acq On : 25 May 2023 18:17
 Operator : JC/MD
 Sample : 02881-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

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

Quant Time: May 26 07:25:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 11 13:57:54 2023
 Response via : Initial Calibration

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

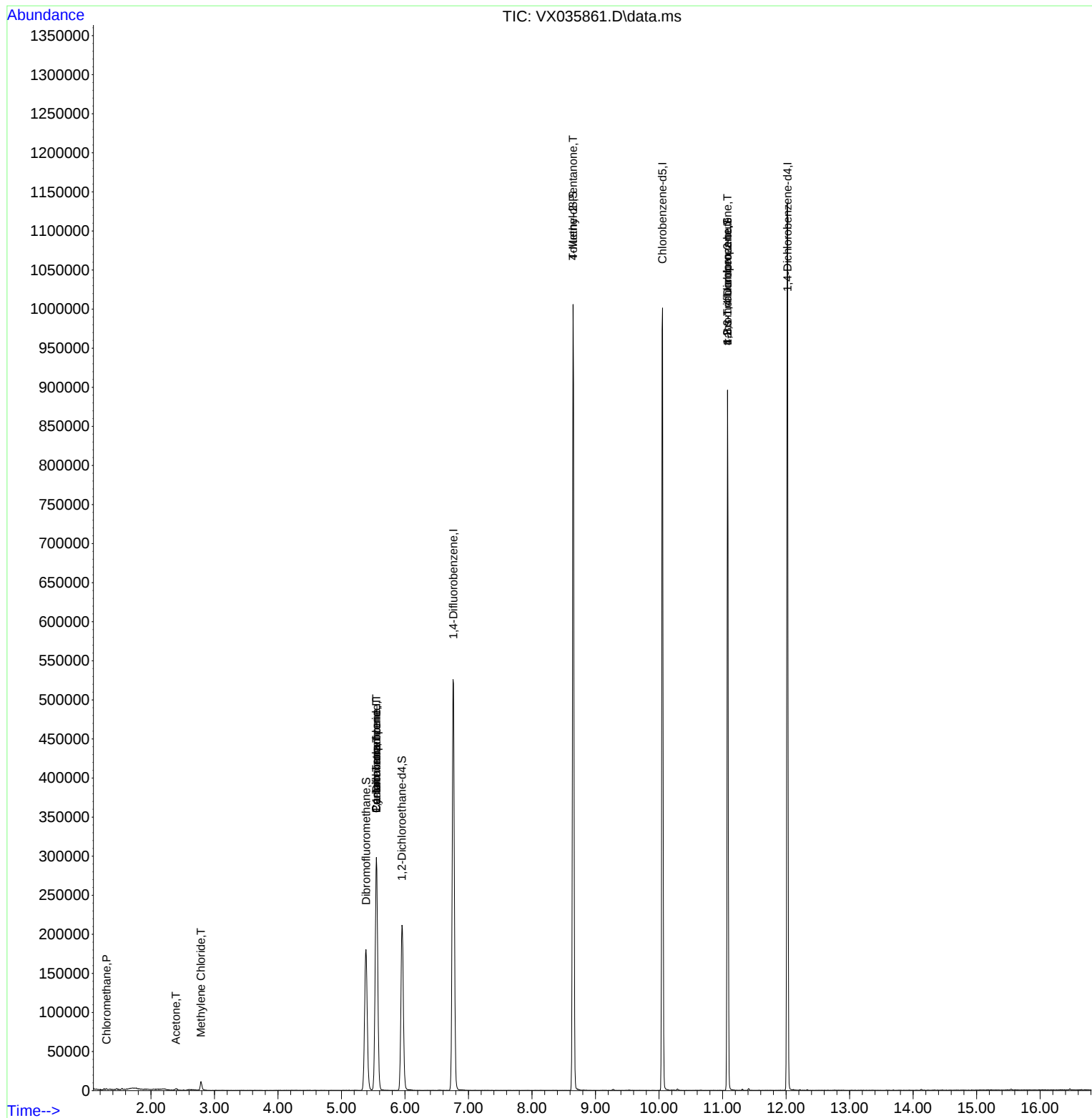
Internal Standards						
1) Pentafluorobenzene	5.550	168	265830	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	497016	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	419295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	212820	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	203570	43.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.800%
35) Dibromofluoromethane	5.385	113	155968	46.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.060%
50) Toluene-d8	8.647	98	553405	44.692	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	89.380%#
62) 4-Bromofluorobenzene	11.079	95	222192	44.565	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.140%
Target Compounds						
					Qvalue	
3) Chloromethane	1.301	50	1074	0.255	ug/l #	88
16) Acetone	2.392	43	3112	1.561	ug/l	93
20) Methylene Chloride	2.788	84	4846	1.342	ug/l	93
31) Cyclohexane	5.550	56	6904	1.178	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	23198	4.385	ug/l #	50
38) Carbon Tetrachloride	5.550	117	29243	5.835	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	3275	0.591	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	123570	23.738	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	123570	76.503	ug/l #	8

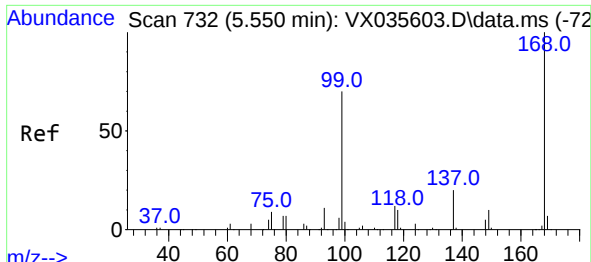
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052523\
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MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

Quant Time: May 26 07:25:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051123W.M
Quant Title : SW846 8260
QLast Update : Thu May 11 13:57:54 2023
Response via : Initial Calibration

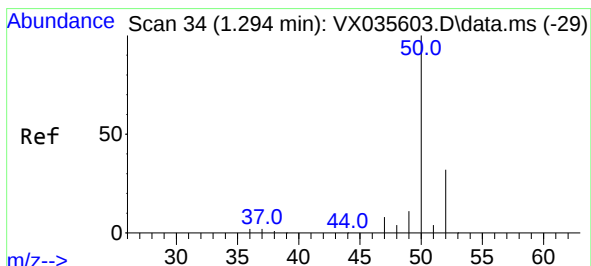
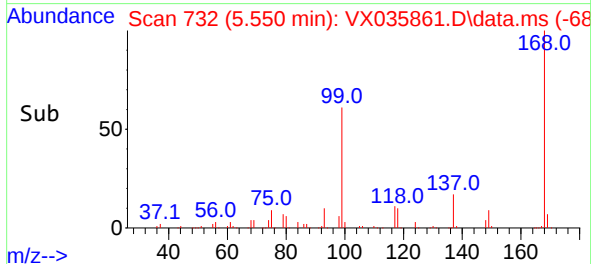
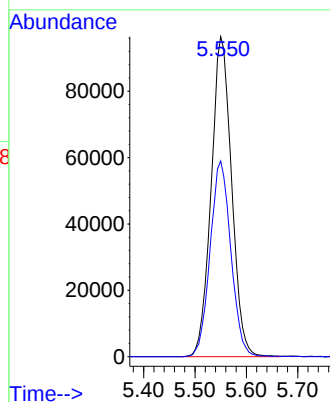
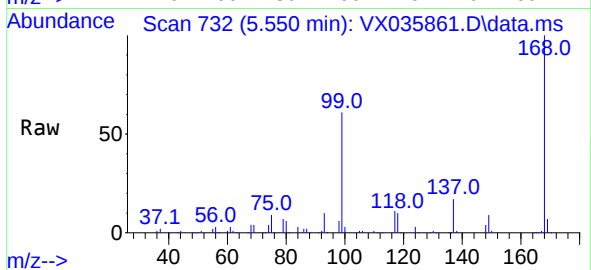




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

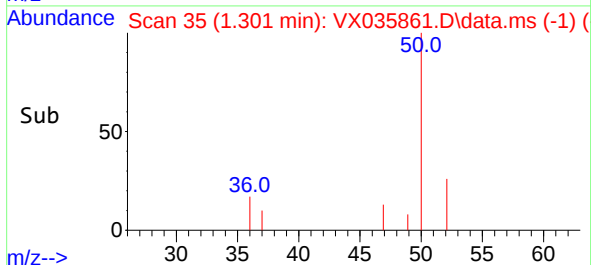
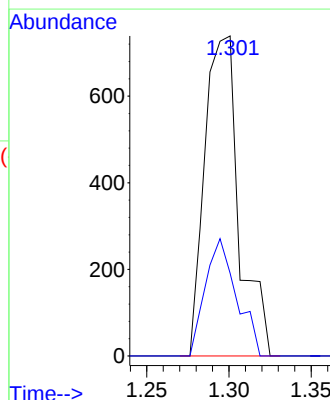
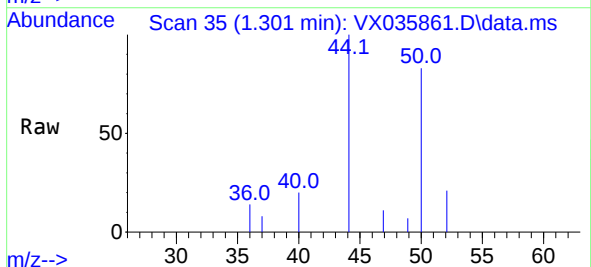
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

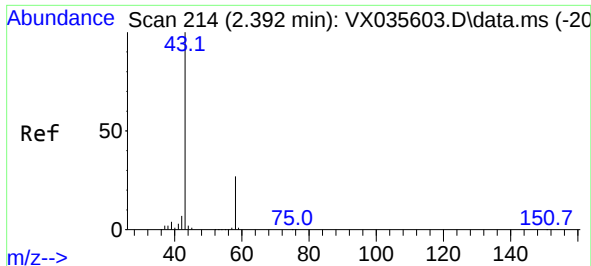
Tgt Ion:168 Resp: 265830
Ion Ratio Lower Upper
168 100
99 61.1 45.7 68.5



#3
Chloromethane
Concen: 0.255 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 50 Resp: 1074
Ion Ratio Lower Upper
50 100
52 25.8 25.9 38.9#

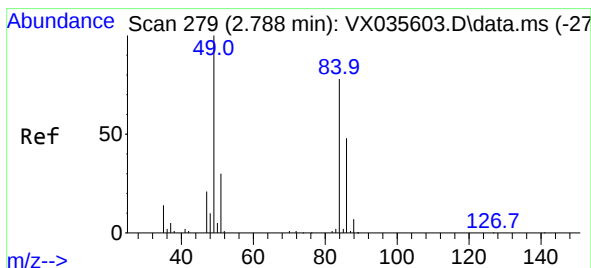
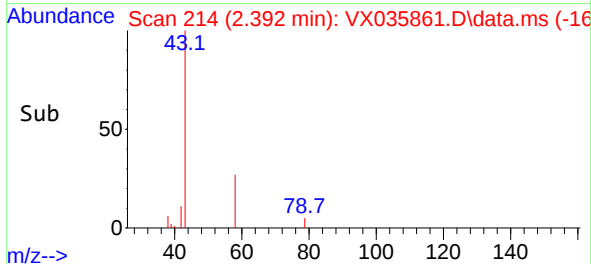
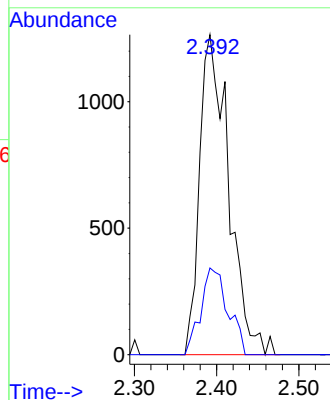
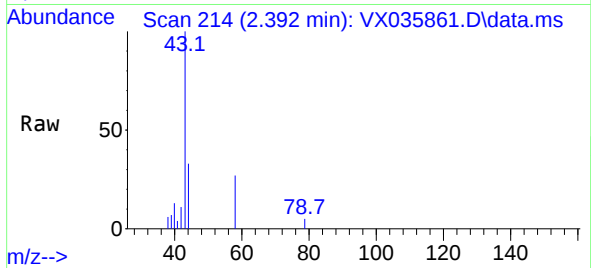




#16
Acetone
Concen: 1.561 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

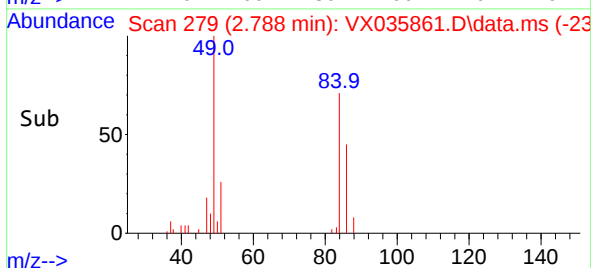
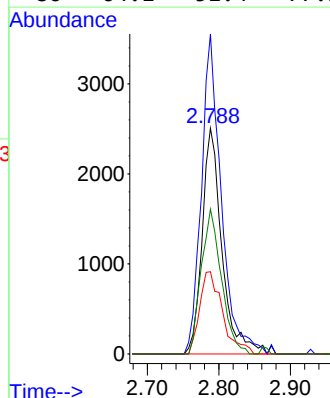
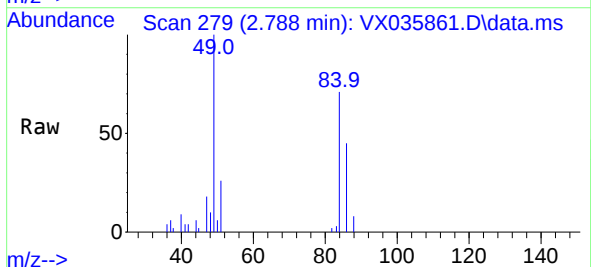
Instrument : MSVOA_X
ClientSampleId : STORAGE-BLANK-WATER-REF-5

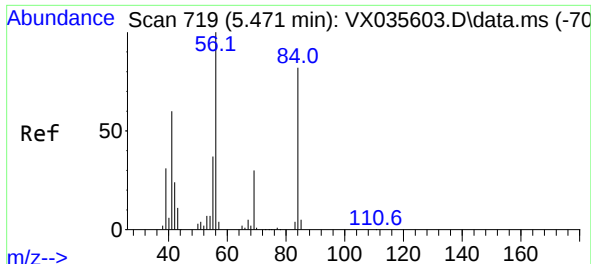
Tgt Ion: 43 Resp: 3112
Ion Ratio Lower Upper
43 100
58 27.1 24.7 37.1



#20
Methylene Chloride
Concen: 1.342 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 84 Resp: 4846
Ion Ratio Lower Upper
84 100
49 141.7 103.8 155.8
51 36.4 31.8 47.8
86 64.1 51.4 77.2

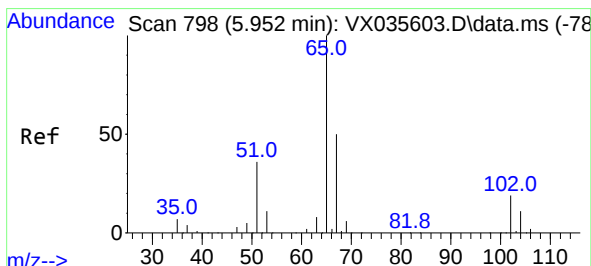
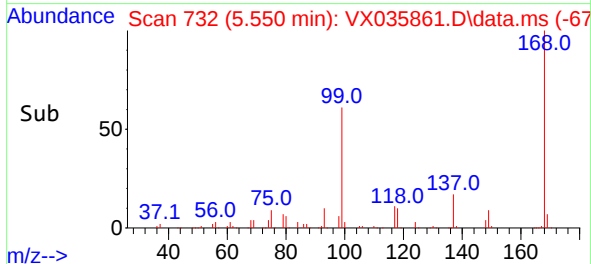
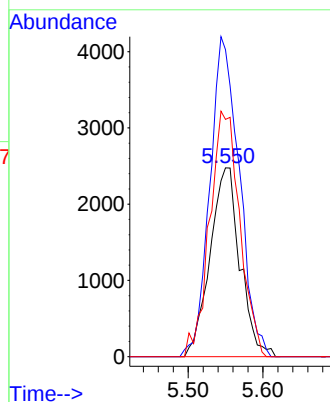
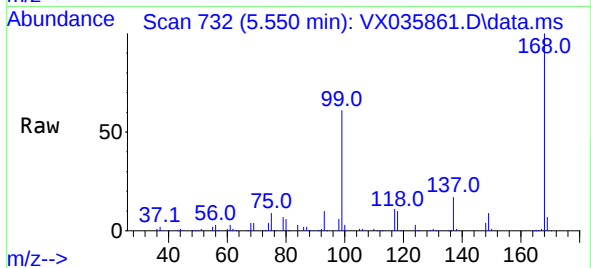




#31
Cyclohexane
Concen: 1.178 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

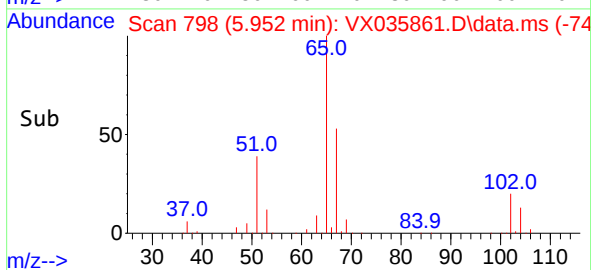
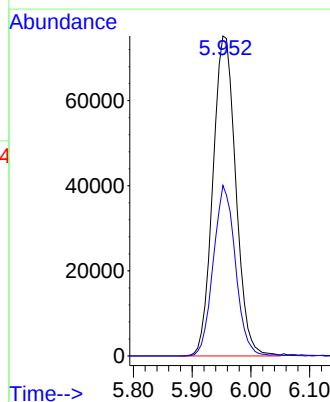
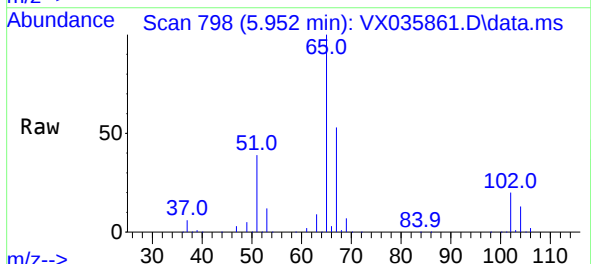
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

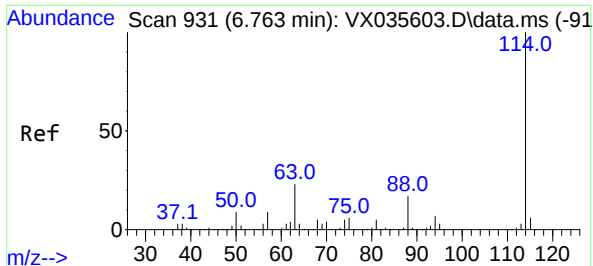
Tgt Ion: 56 Resp: 6904
Ion Ratio Lower Upper
56 100
69 162.6 23.7 35.5#
84 125.7 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 43.896 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 65 Resp: 203570
Ion Ratio Lower Upper
65 100
67 51.6 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: VX035861.D

Acq: 25 May 2023 18:17

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

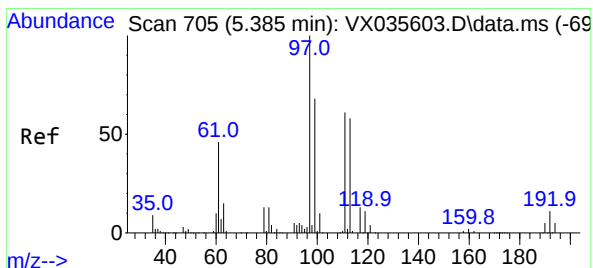
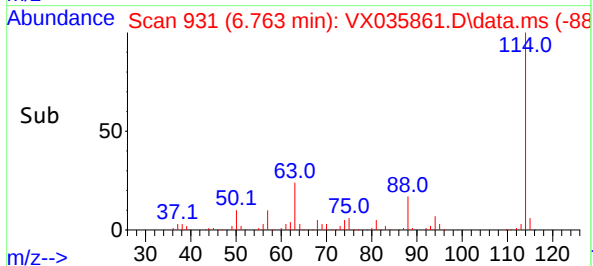
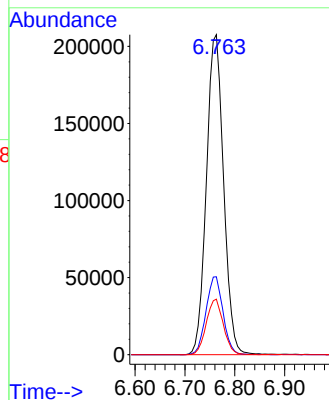
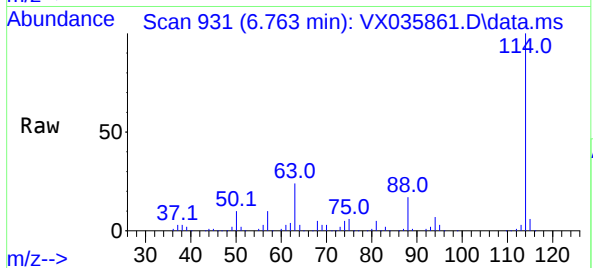
Tgt Ion:114 Resp: 497016

Ion Ratio Lower Upper

114 100

63 24.4 0.0 42.2

88 17.3 0.0 33.2



#35

Dibromofluoromethane

Concen: 46.532 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX035861.D

Acq: 25 May 2023 18:17

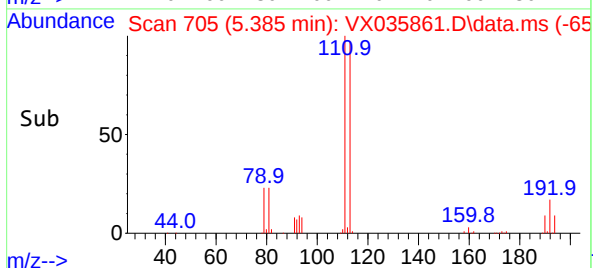
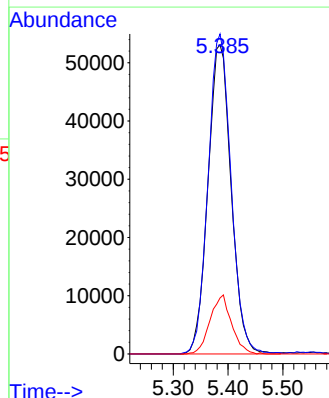
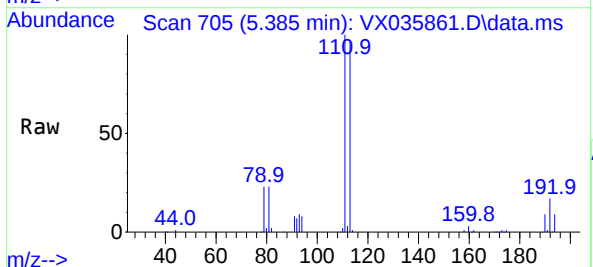
Tgt Ion:113 Resp: 155968

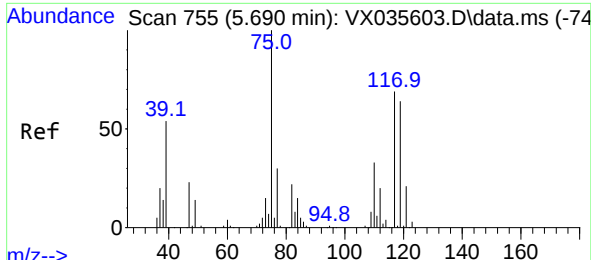
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 17.7 15.4 23.2

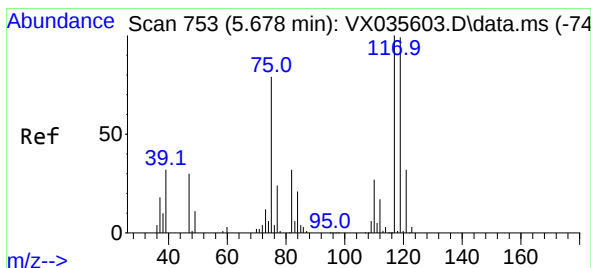
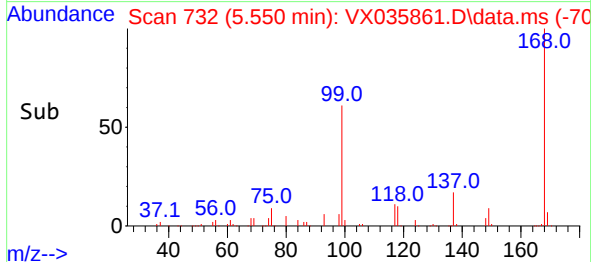
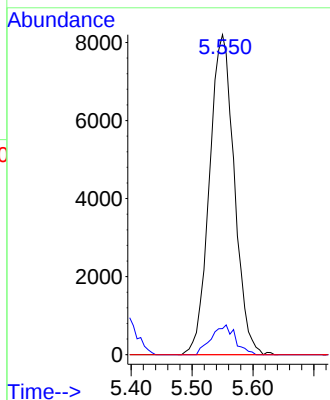
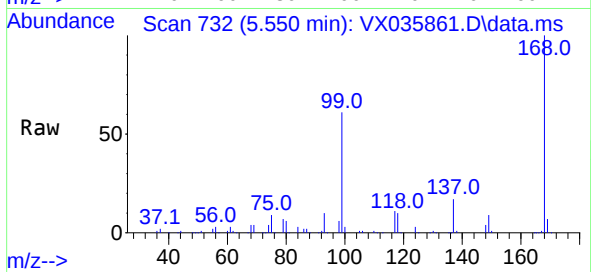




#36
1,1-Dichloropropene
Concen: 4.385 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

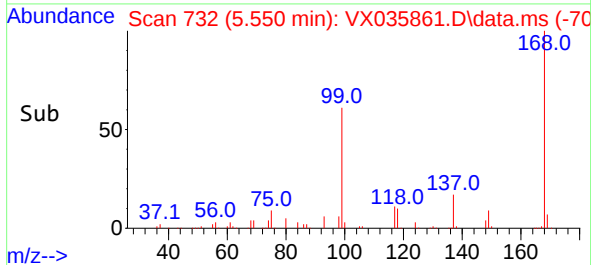
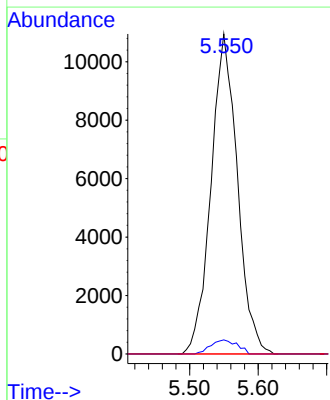
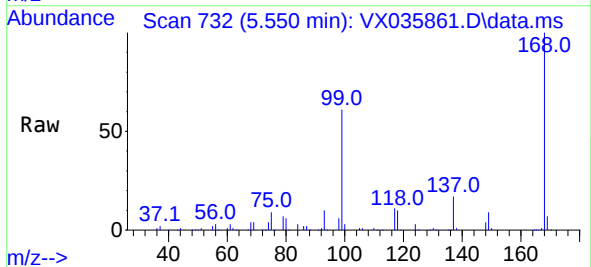
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

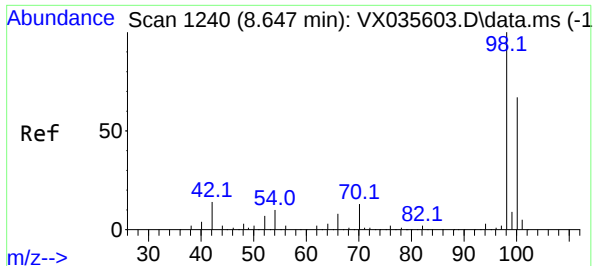
Tgt Ion: 75 Resp: 23198
Ion Ratio Lower Upper
75 100
110 9.0 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.835 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 117 Resp: 29243
Ion Ratio Lower Upper
117 100
119 4.4 76.6 114.8#
121 0.0 23.8 35.6#

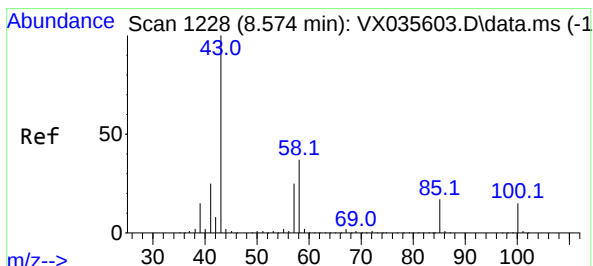
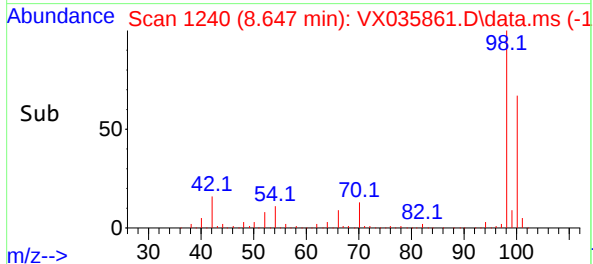
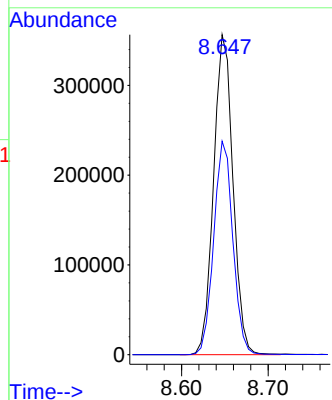
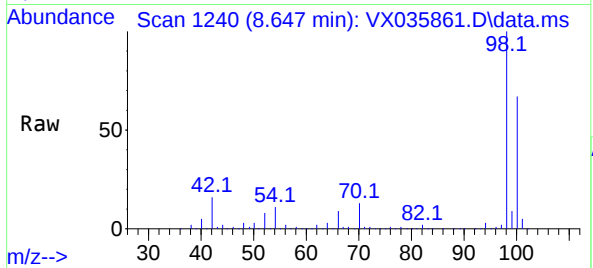




#50
Toluene-d8
Concen: 44.692 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

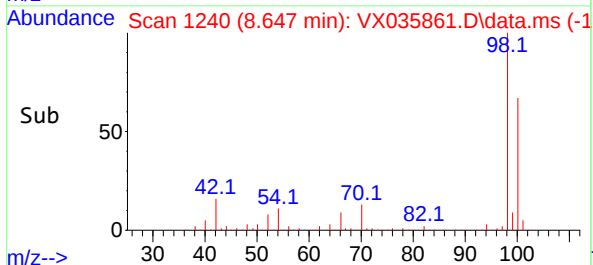
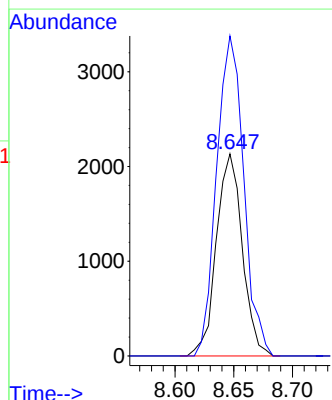
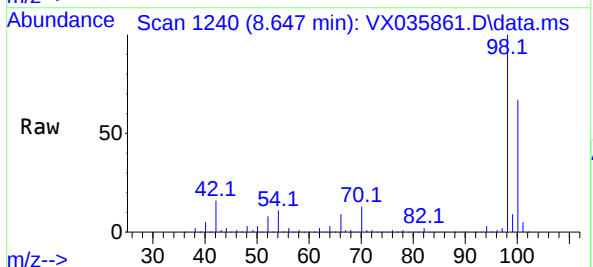
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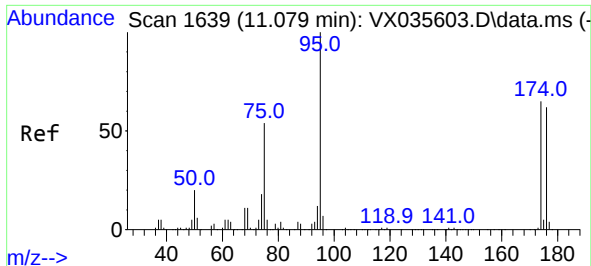
Tgt Ion: 98 Resp: 553405
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 0.591 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 43 Resp: 3275
Ion Ratio Lower Upper
43 100
58 165.6 30.6 46.0#

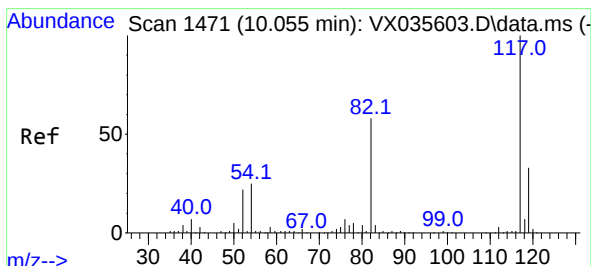
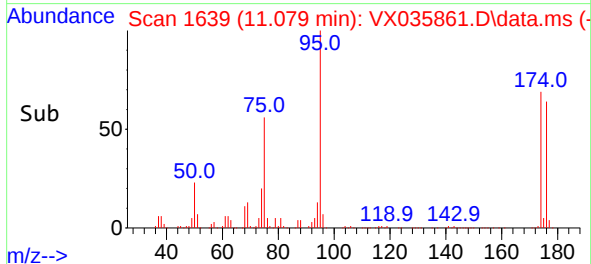
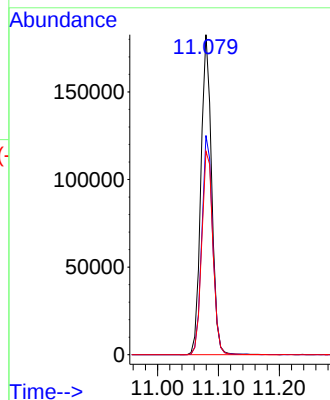
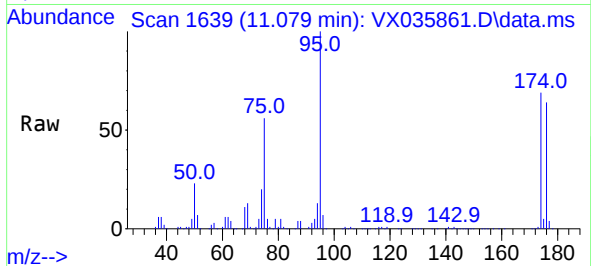




#62
4-Bromofluorobenzene
Concen: 44.565 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

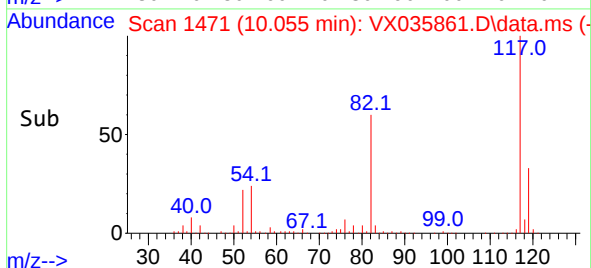
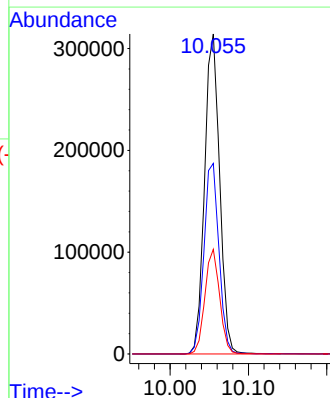
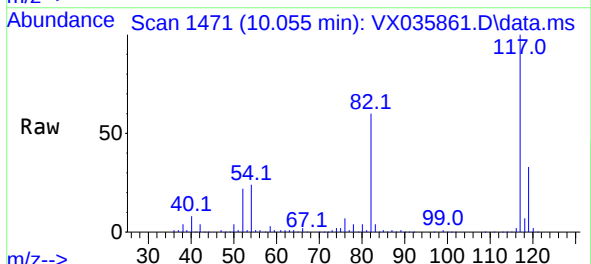
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

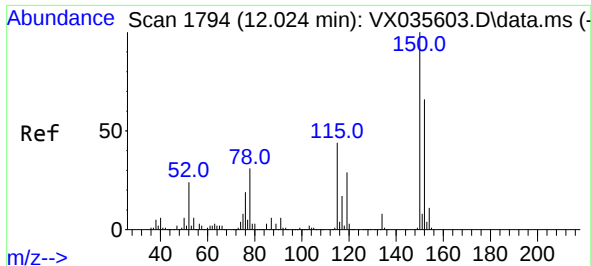
Tgt Ion: 95 Resp: 222192
Ion Ratio Lower Upper
95 100
174 69.3 0.0 147.4
176 66.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 117 Resp: 419295
Ion Ratio Lower Upper
117 100
82 59.5 45.0 67.4
119 32.7 26.0 39.0

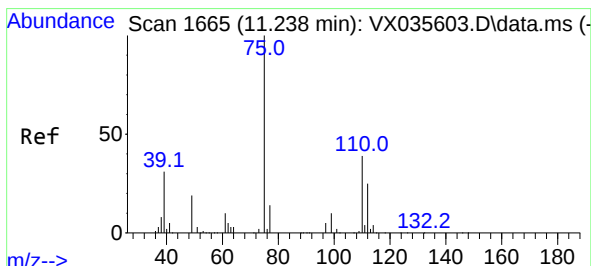
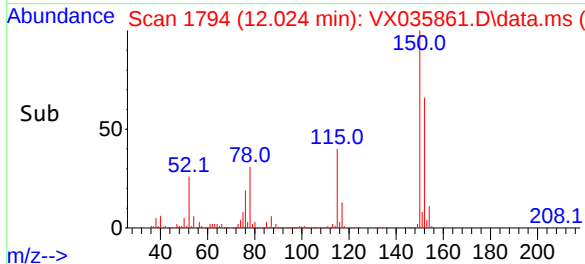
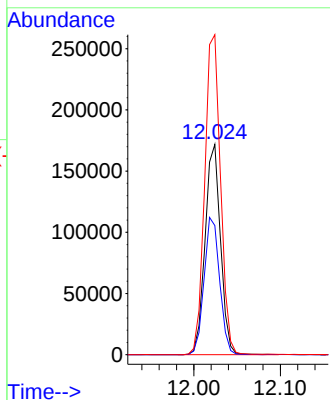
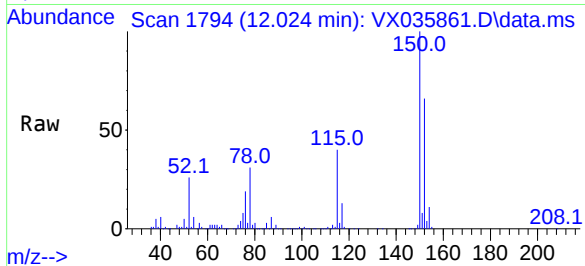




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

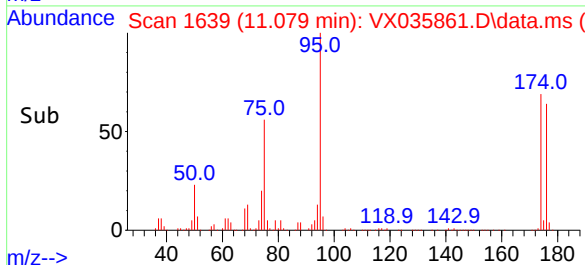
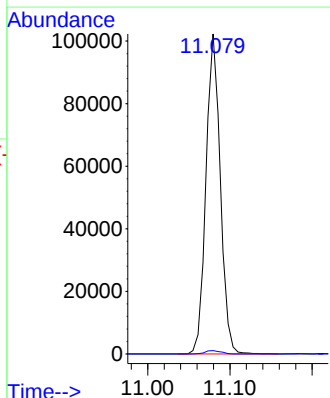
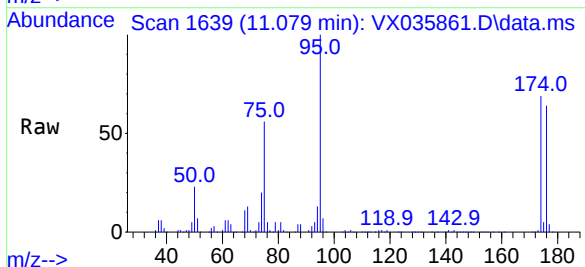
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

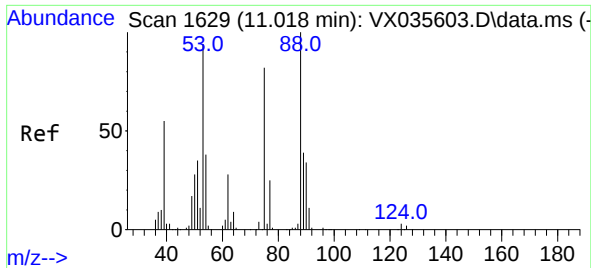
Tgt Ion:152 Resp: 212820
Ion Ratio Lower Upper
152 100
115 65.9 45.0 135.0
150 155.9 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 23.738 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035861.D
Acq: 25 May 2023 18:17

Tgt Ion: 75 Resp: 123570
Ion Ratio Lower Upper
75 100
77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.503 ug/l
 RT: 11.079 min Scan# 11
 Delta R.T. 0.061 min
 Lab File: VX035861.D
 Acq: 25 May 2023 18:17

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

Tgt Ion: 75 Resp: 123570
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

