

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
 Data File : VX022644.D
 Acq On : 10 Jun 2021 15:20
 Operator : JC/MD
 Sample : M2620-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 11 06:44:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 10 12:20:00 2021
 Response via : Initial Calibration

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

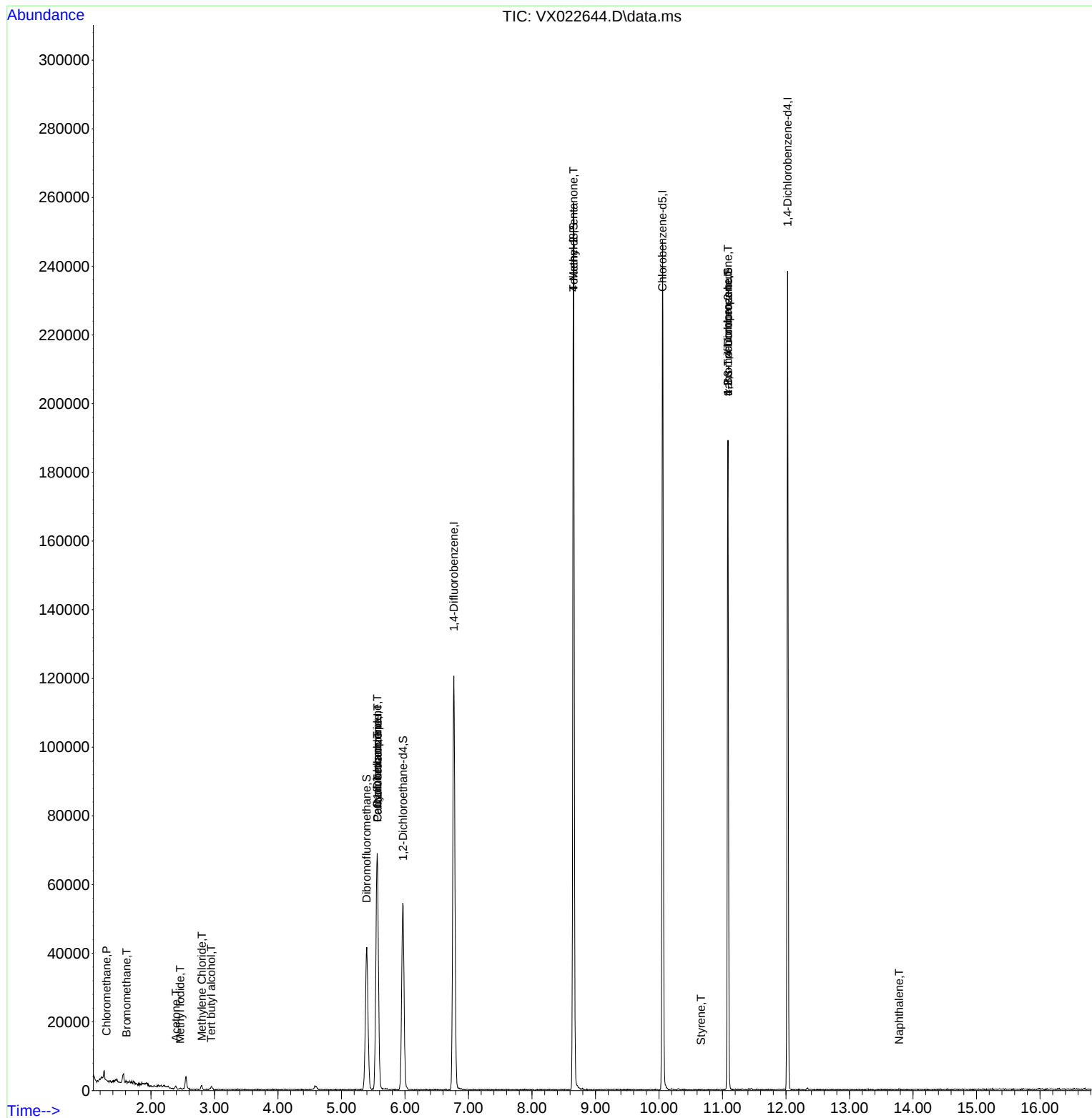
Internal Standards						
1) Pentafluorobenzene	5.568	168	57301	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	118299	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	105481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	41717	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	49272	47.812	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.620%
35) Dibromofluoromethane	5.397	113	35203	46.640	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.653	98	144986	48.729	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.460%
62) 4-Bromofluorobenzene	11.085	95	51444	45.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.440%
Target Compounds						
						Qvalue
3) Chloromethane	1.301	50	191	0.235	ug/l	# 42
5) Bromomethane	1.618	94	162	0.373	ug/l	97
10) Methyl Iodide	2.459	142	194	0.247	ug/l	# 85
11) Tert butyl alcohol	2.947	59	531	2.225	ug/l	# 73
16) Acetone	2.392	43	876	1.898	ug/l	99
20) Methylene Chloride	2.800	84	480	0.262	ug/l	# 88
31) Cyclohexane	5.562	56	1836	1.477	ug/l	# 20
36) 1,1-Dichloropropene	5.562	75	5771	4.896	ug/l	# 48
38) Carbon Tetrachloride	5.568	117	6858	6.802	ug/l	# 15
51) 4-Methyl-2-Pentanone	8.653	43	776	0.517	ug/l	# 1
70) Styrene	10.659	104	45	1.471	ug/l	# 26
76) 1,2,3-Trichloropropane	11.085	75	27405	24.777	ug/l	# 38
81) trans-1,4-Dichloro-2-b...	11.085	75	27405	62.438	ug/l	# 12
95) Naphthalene	13.780	128	152	1.516	ug/l	# 86

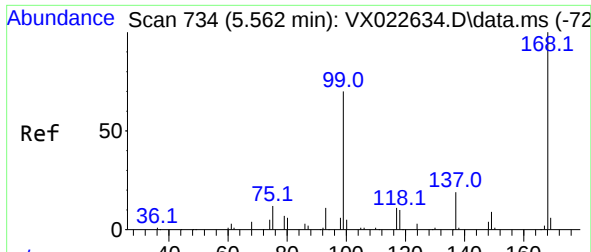
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061021\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Jun 11 06:44:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061021W.M
Quant Title : SW846 8260
QLast Update : Thu Jun 10 12:20:00 2021
Response via : Initial Calibration

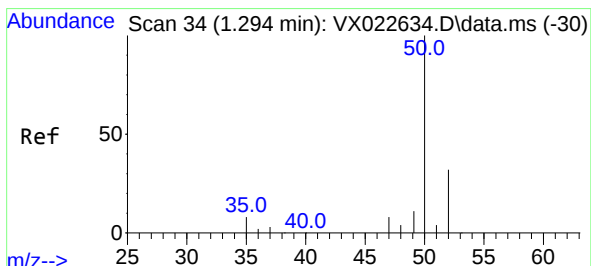
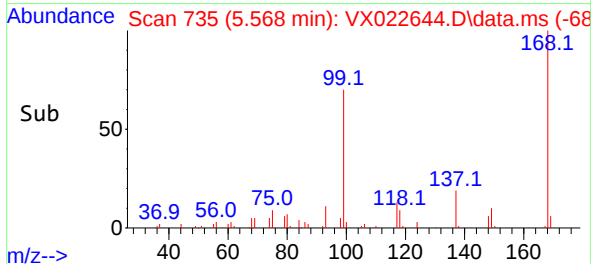
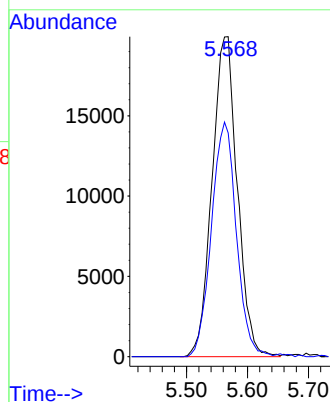
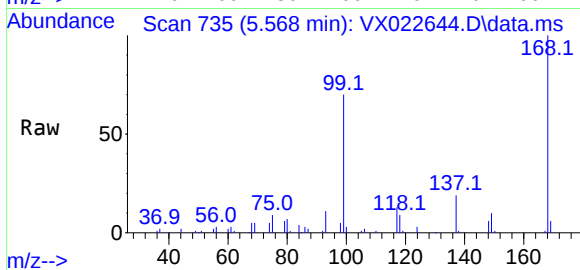




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.006 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

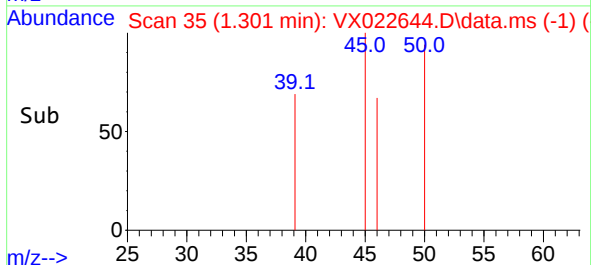
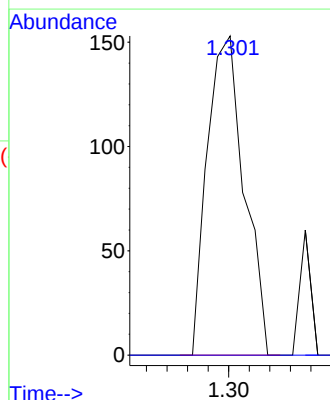
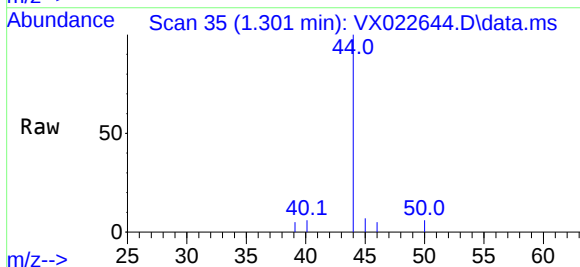
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

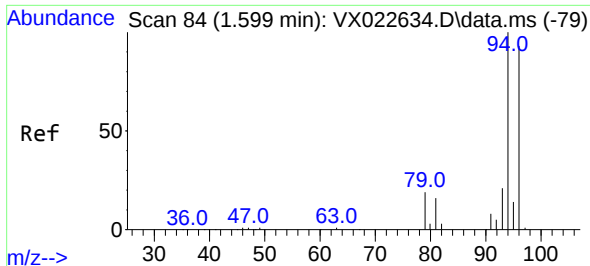
Tgt Ion:168 Resp: 57301
Ion Ratio Lower Upper
168 100
99 69.9 45.8 68.6#



#3
Chloromethane
Concen: 0.235 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 50 Resp: 191
Ion Ratio Lower Upper
50 100
52 0.0 26.4 39.6#

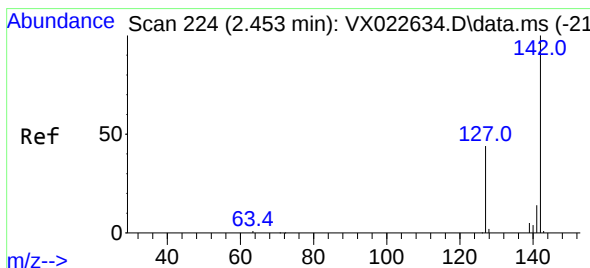
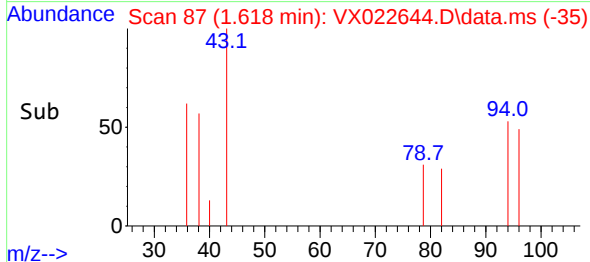
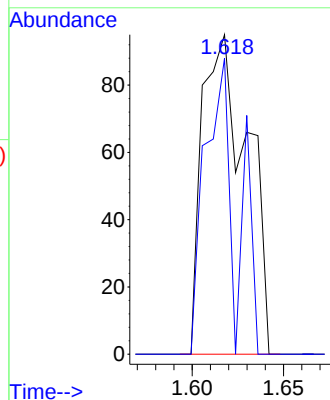
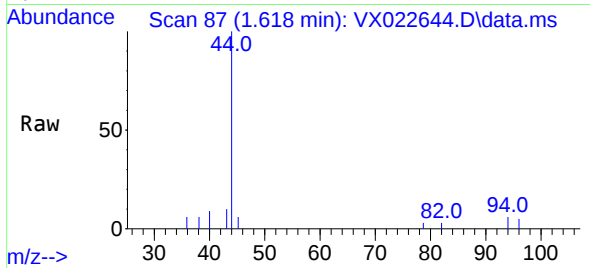




#5
Bromomethane
Concen: 0.373 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

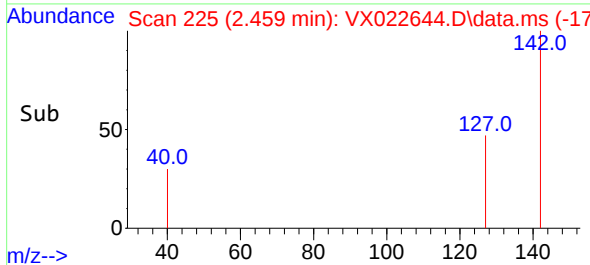
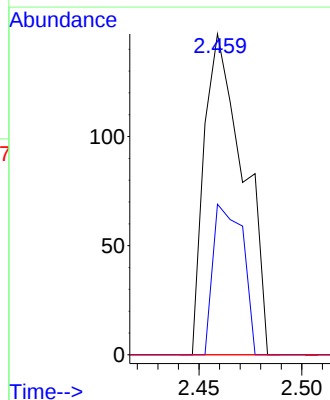
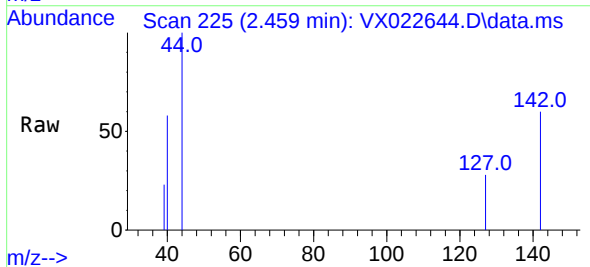
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

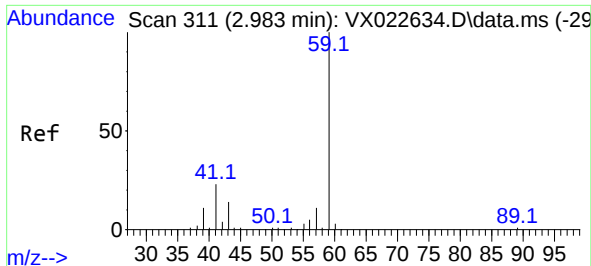
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 92.6 76.4 114.6



#10
Methyl Iodide
Concen: 0.247 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 142 Resp: 194
Ion Ratio Lower Upper
142 100
127 36.1 33.3 49.9
141 0.0 11.4 17.0#



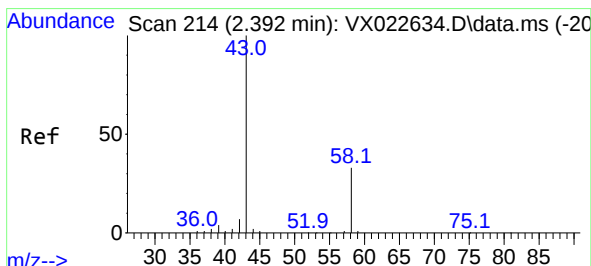
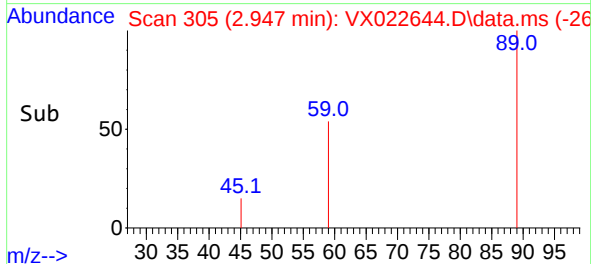
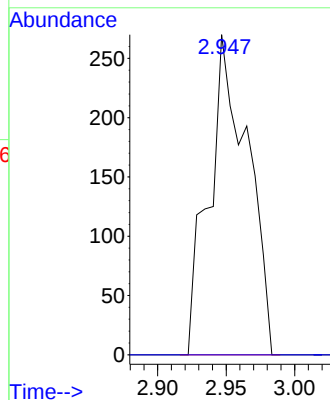
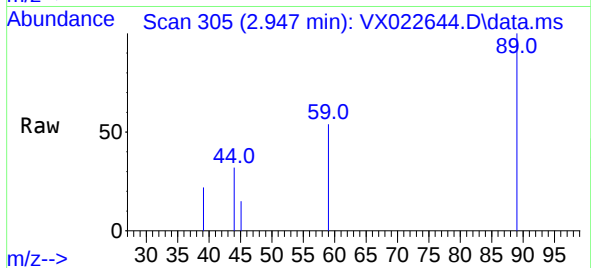


#11

Tert butyl alcohol
Concen: 2.225 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.036 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

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

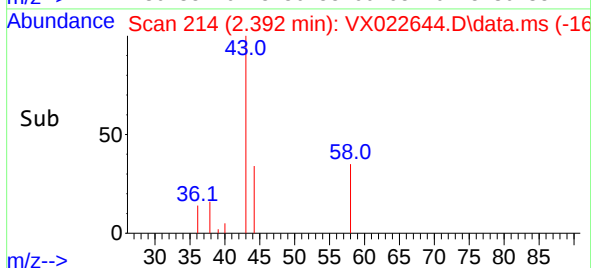
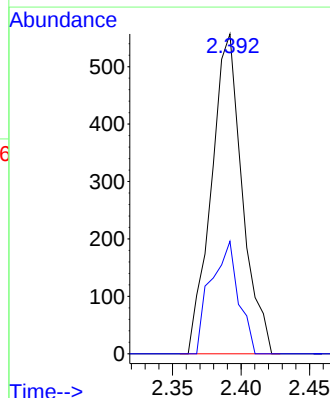
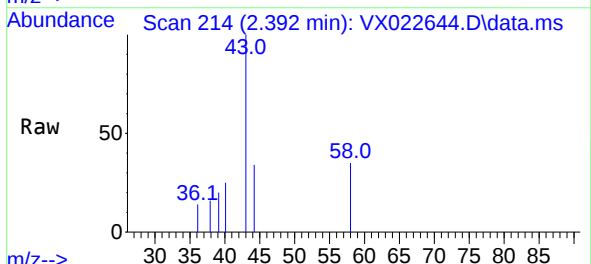
Tgt Ion: 59 Resp: 531
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

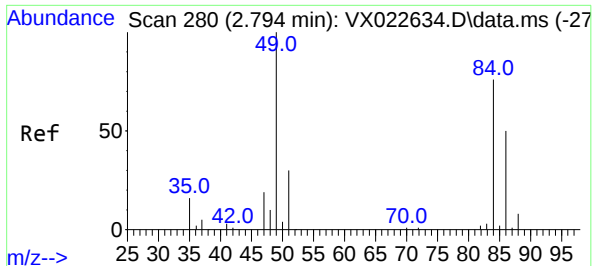


#16

Acetone
Concen: 1.898 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 43 Resp: 876
Ion Ratio Lower Upper
43 100
58 35.2 27.8 41.8



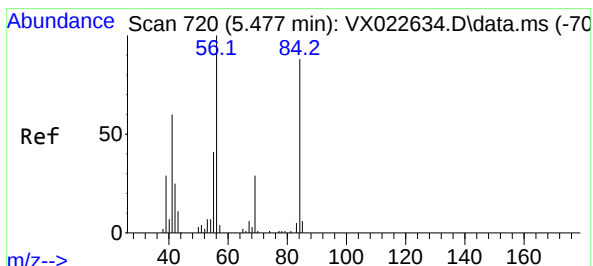
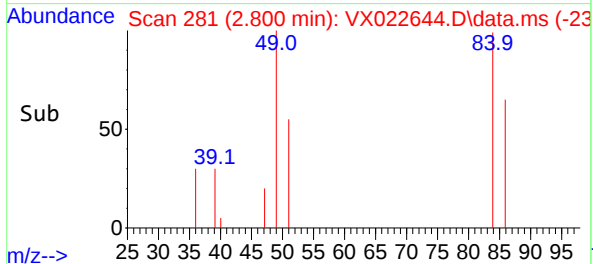
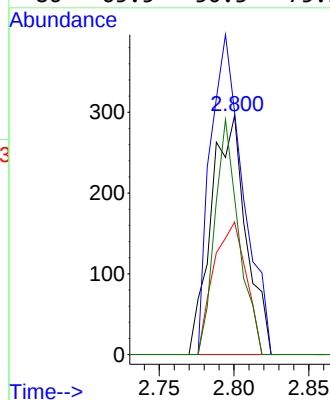
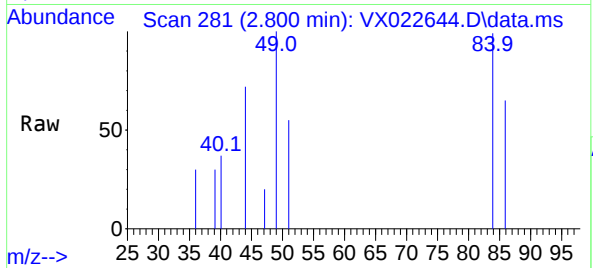


#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

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

Tgt Ion: 84 Resp: 480

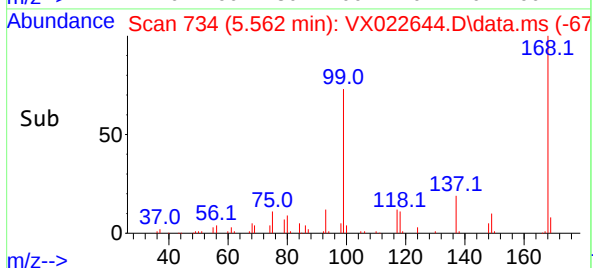
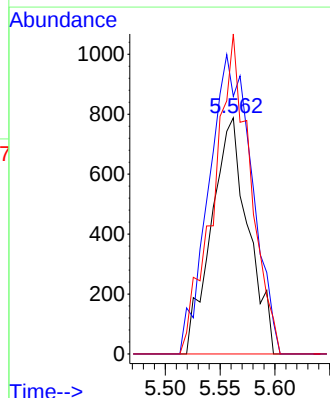
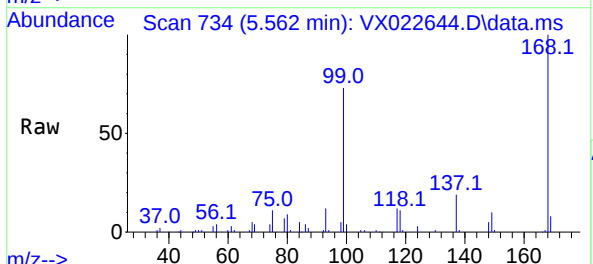
Ion	Ratio	Lower	Upper
84	100		
49	101.4	88.6	132.8
51	55.4	27.0	40.6#
86	65.5	50.3	75.5

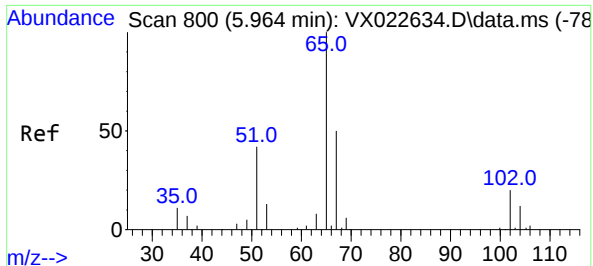


#31
Cyclohexane
Concen: 1.477 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 56 Resp: 1836

Ion	Ratio	Lower	Upper
56	100		
69	109.1	25.3	37.9#
84	144.4	71.4	107.0#



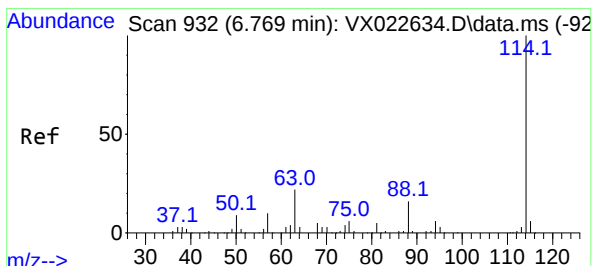
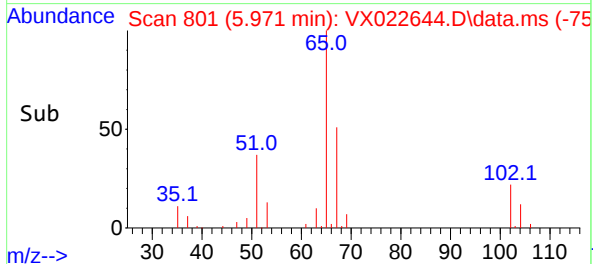
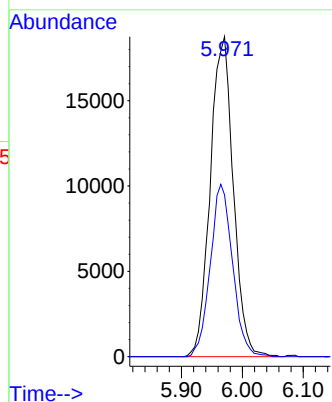
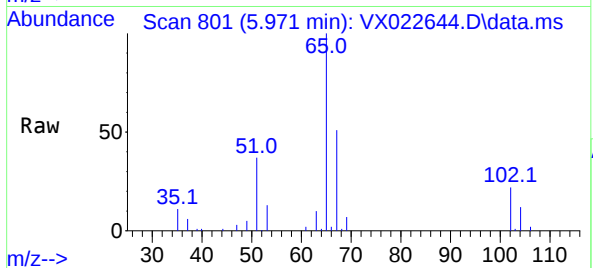


#33

1,2-Dichloroethane-d4
Concen: 47.812 ug/l
RT: 5.971 min Scan# 801
Delta R.T. 0.007 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

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

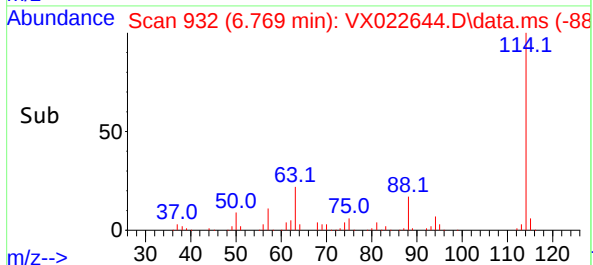
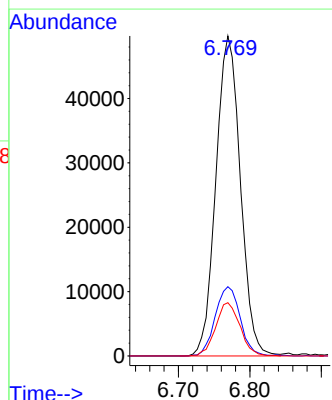
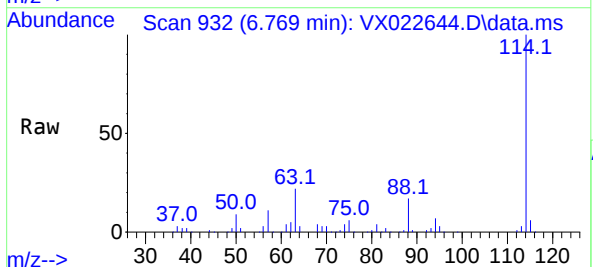
Tgt Ion: 65 Resp: 49272
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.4

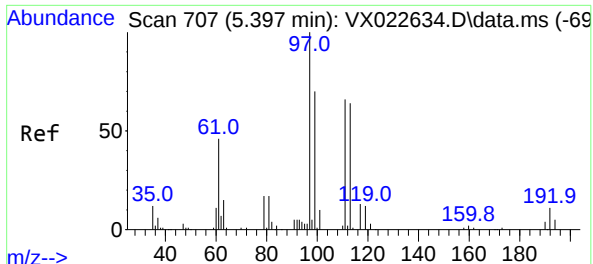


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 114 Resp: 118299
Ion Ratio Lower Upper
114 100
63 21.6 0.0 40.8
88 16.7 0.0 32.8

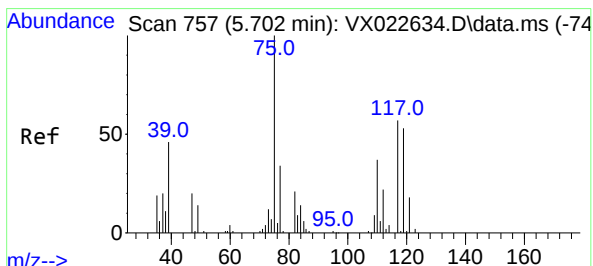
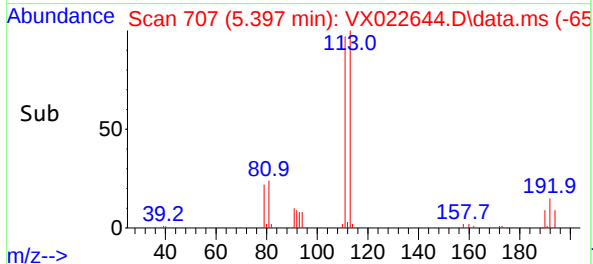
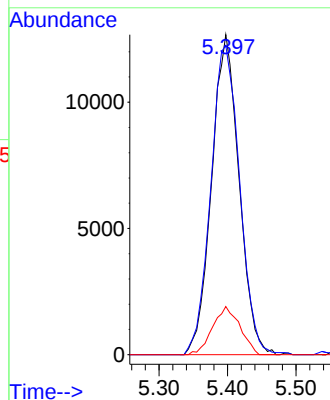
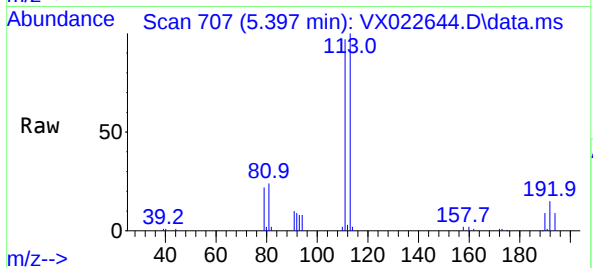




#35
Dibromofluoromethane
Concen: 46.640 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

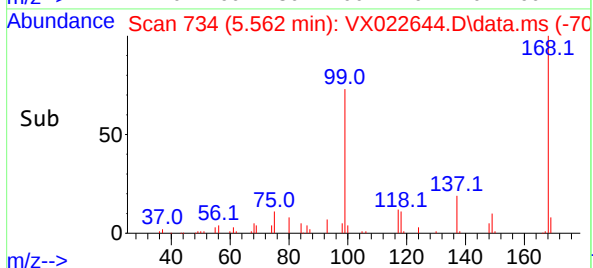
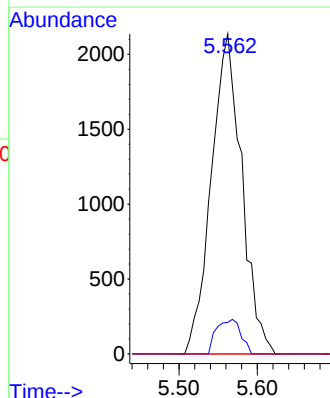
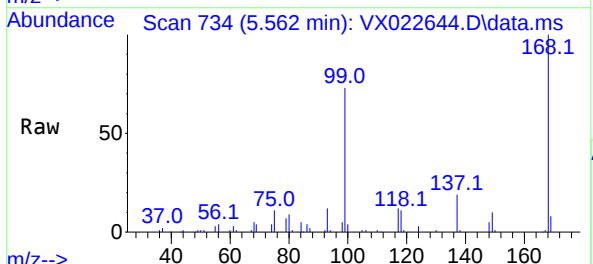
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ClientSampleId :
STORAGE-BLANK-WATER-REF-5

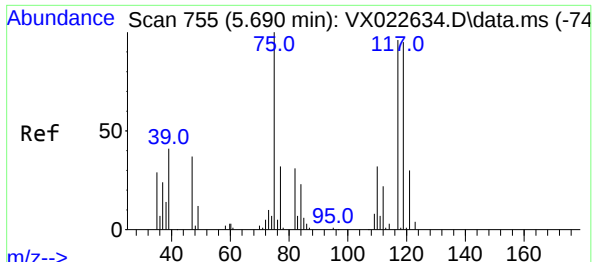
Tgt Ion:113 Resp: 35203
Ion Ratio Lower Upper
113 100
111 102.2 81.9 122.9
192 15.0 16.7 25.1#



#36
1,1-Dichloropropene
Concen: 4.896 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

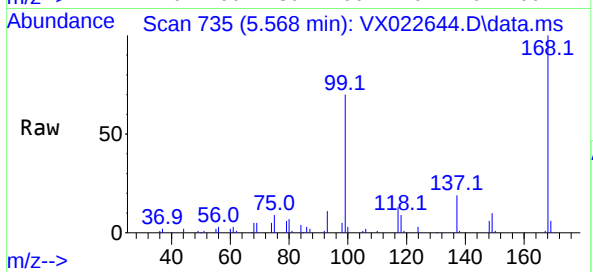
Tgt Ion: 75 Resp: 5771
Ion Ratio Lower Upper
75 100
110 8.6 18.1 54.4#
77 0.0 25.3 37.9#



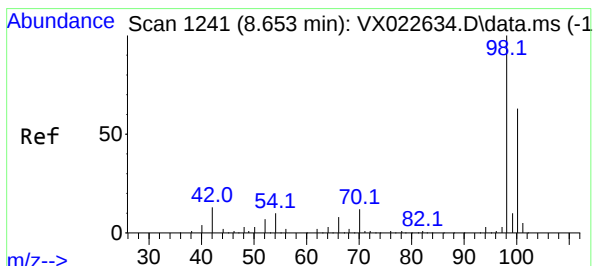
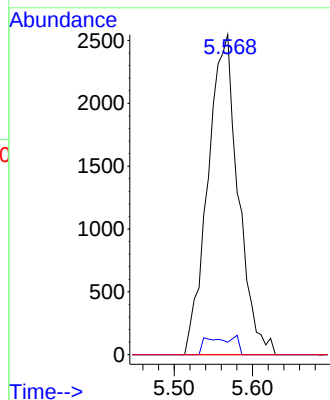
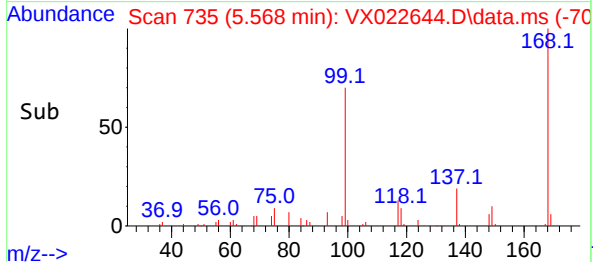


#38
Carbon Tetrachloride
Concen: 6.802 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

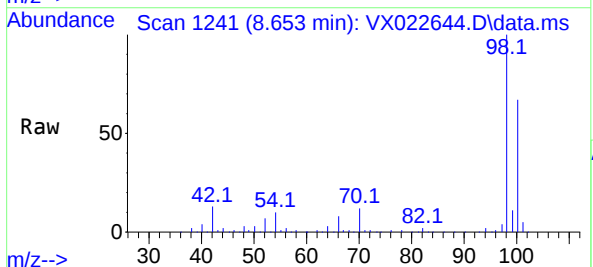
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



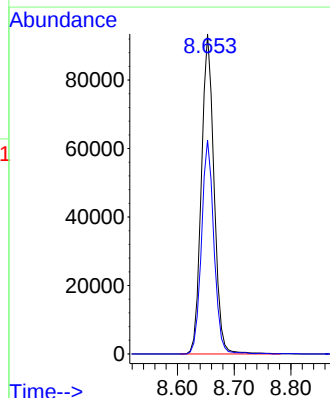
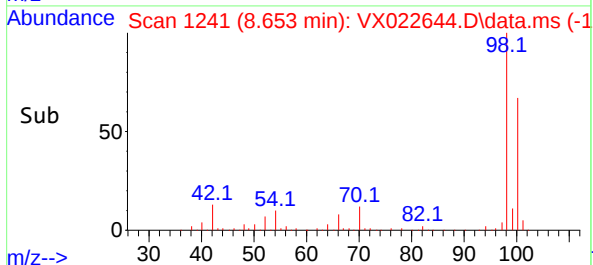
Tgt Ion:117 Resp: 6858
Ion Ratio Lower Upper
117 100
119 3.9 76.2 114.2#
121 0.0 24.8 37.2#

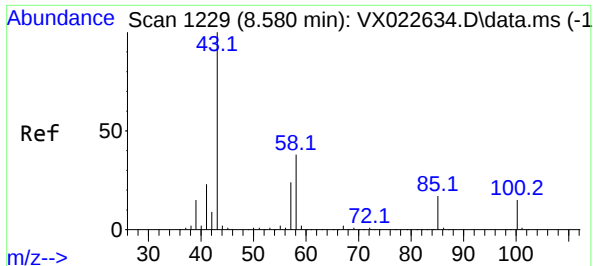


#50
Toluene-d8
Concen: 48.729 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20



Tgt Ion: 98 Resp: 144986
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

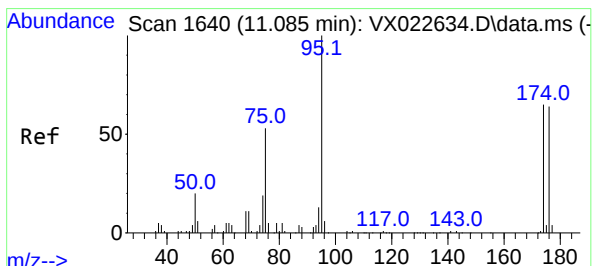
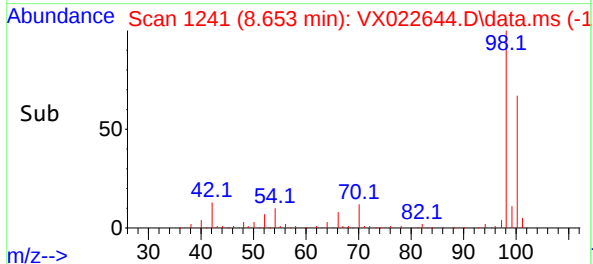
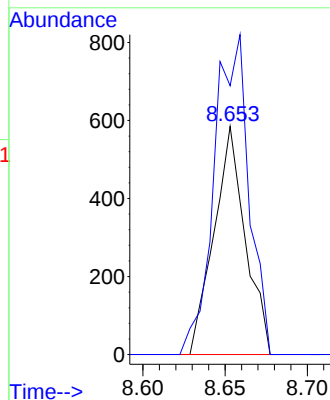
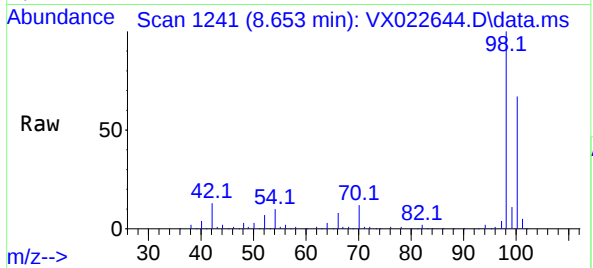




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

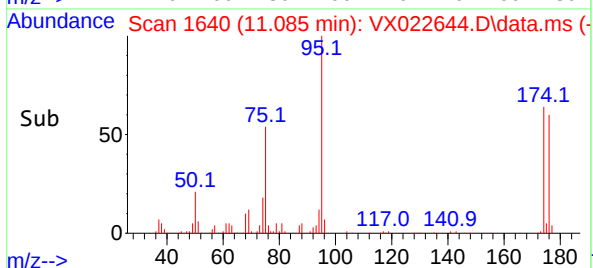
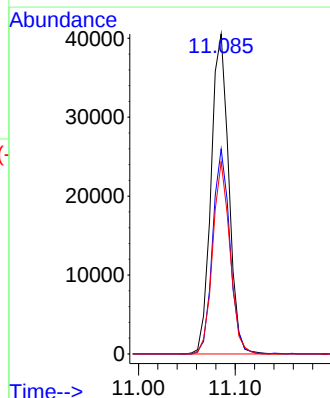
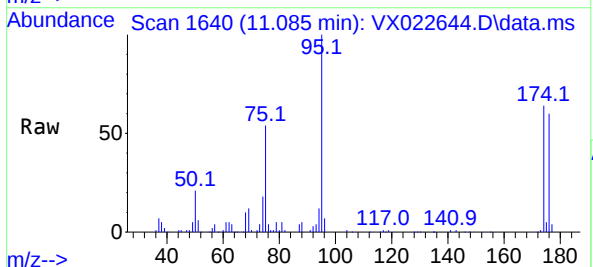
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

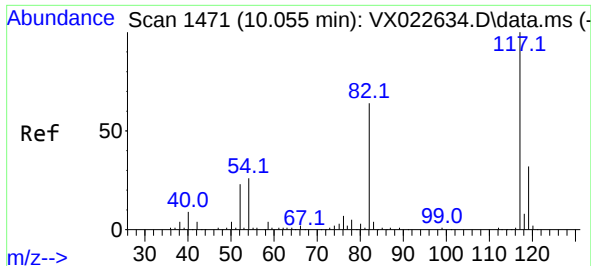
Tgt Ion: 43 Resp: 776
Ion Ratio Lower Upper
43 100
58 155.2 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 45.716 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 95 Resp: 51444
Ion Ratio Lower Upper
95 100
174 62.3 0.0 154.6
176 58.3 0.0 155.8

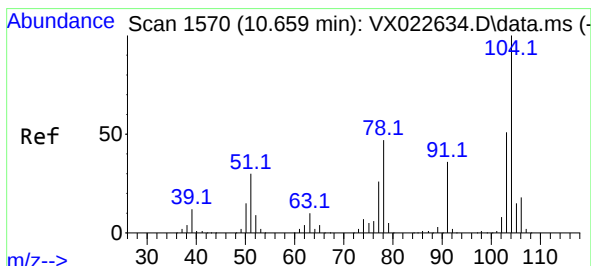
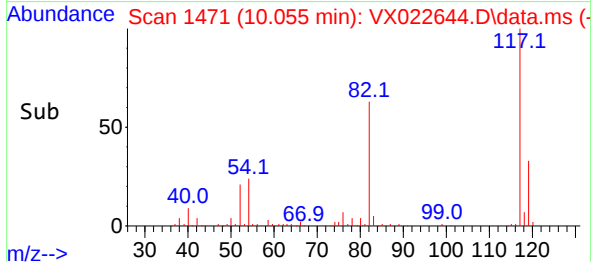
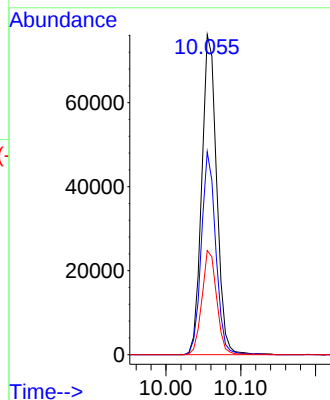
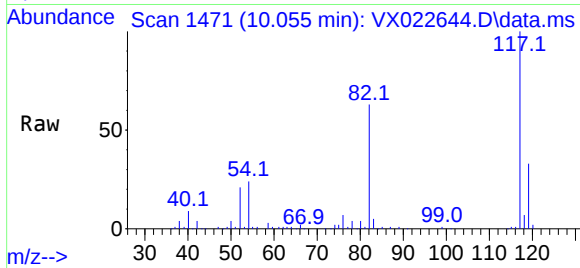




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

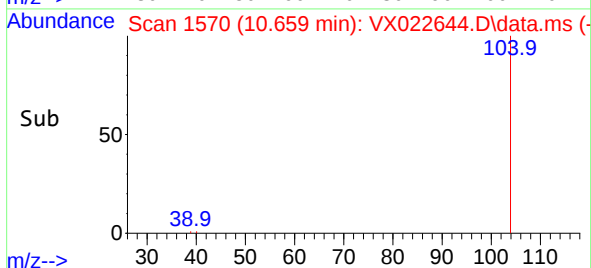
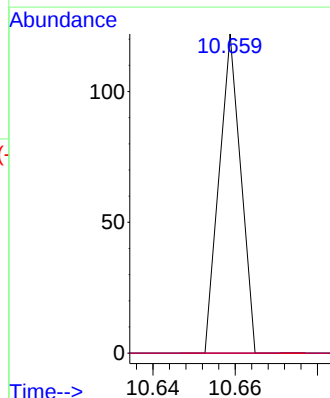
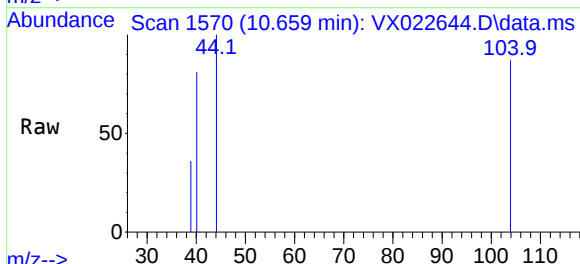
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

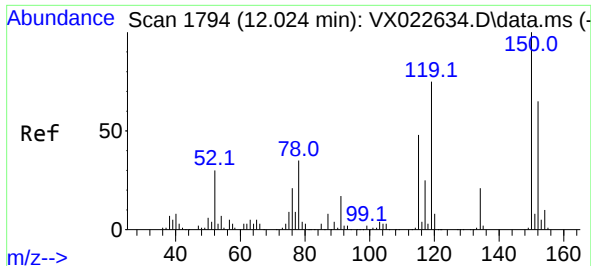
Tgt Ion:117 Resp: 105481
Ion Ratio Lower Upper
117 100
82 63.4 47.4 71.2
119 32.5 26.6 39.8



#70
Styrene
Concen: 1.471 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion:104 Resp: 45
Ion Ratio Lower Upper
104 100
78 0.0 40.0 60.0#
103 0.0 43.4 65.0#

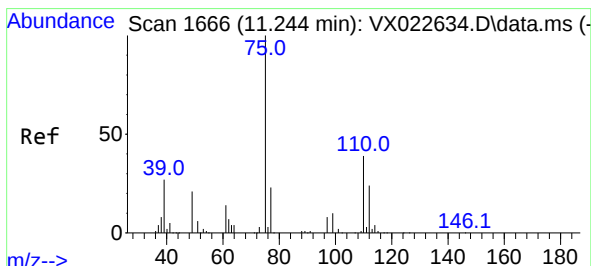
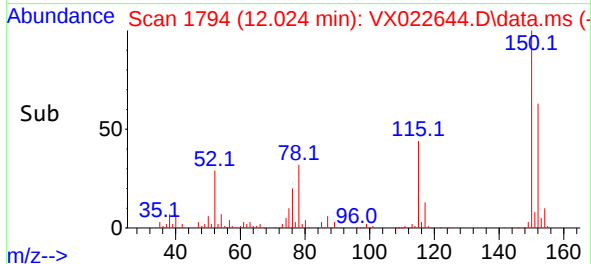
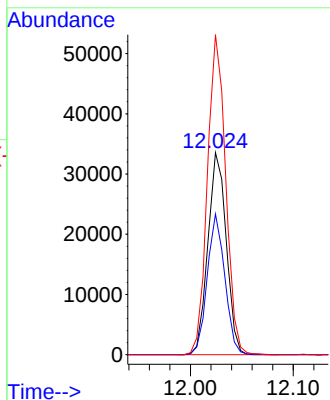
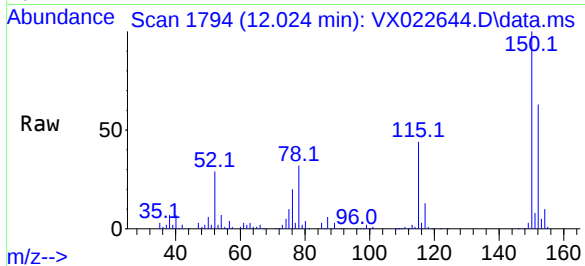




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

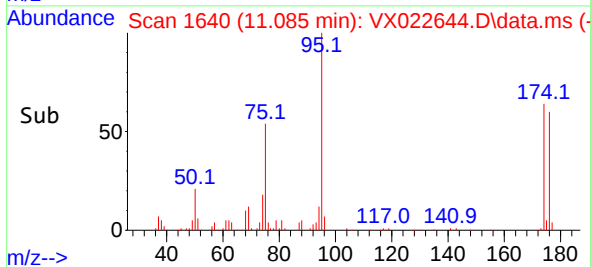
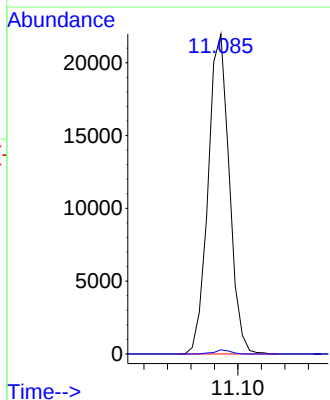
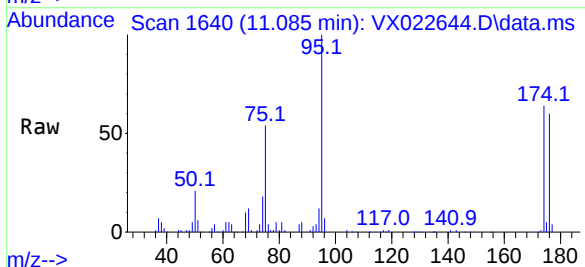
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

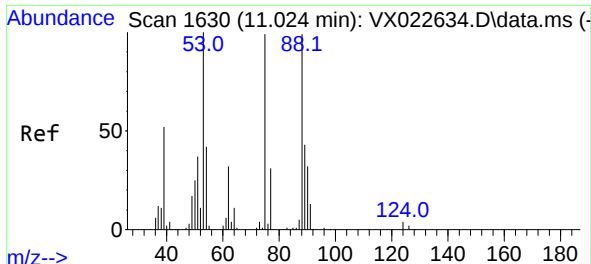
Tgt Ion:152 Resp: 41717
Ion Ratio Lower Upper
152 100
115 66.4 41.1 123.3
150 157.0 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 24.777 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion: 75 Resp: 27405
Ion Ratio Lower Upper
75 100
77 1.0 19.1 57.5#

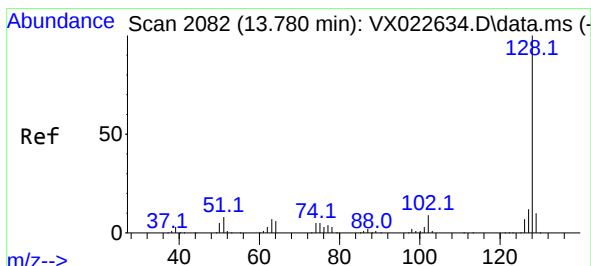
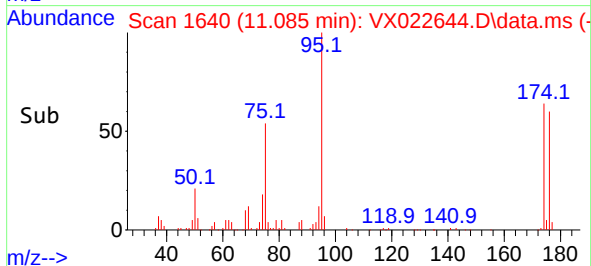
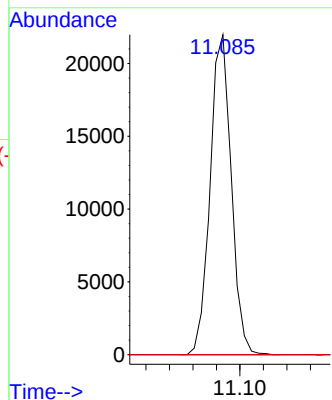
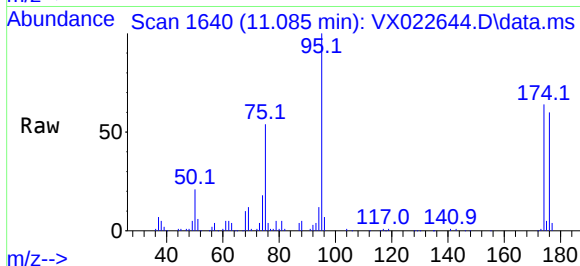




#81
trans-1,4-Dichloro-2-butene
Concen: 62.438 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

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

Tgt Ion: 75 Resp: 27405
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 1.516 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022644.D
Acq: 10 Jun 2021 15:20

Tgt Ion:128 Resp: 152
Ion Ratio Lower Upper
128 100
127 12.5 10.3 15.5
129 0.0 8.8 13.2#

