

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022074.D
 Acq On : 19 May 2021 00:48
 Operator : JC/MD
 Sample : M2406-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

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

Quant Time: May 19 05:32:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 05:14:43 2021
 Response via : Initial Calibration

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

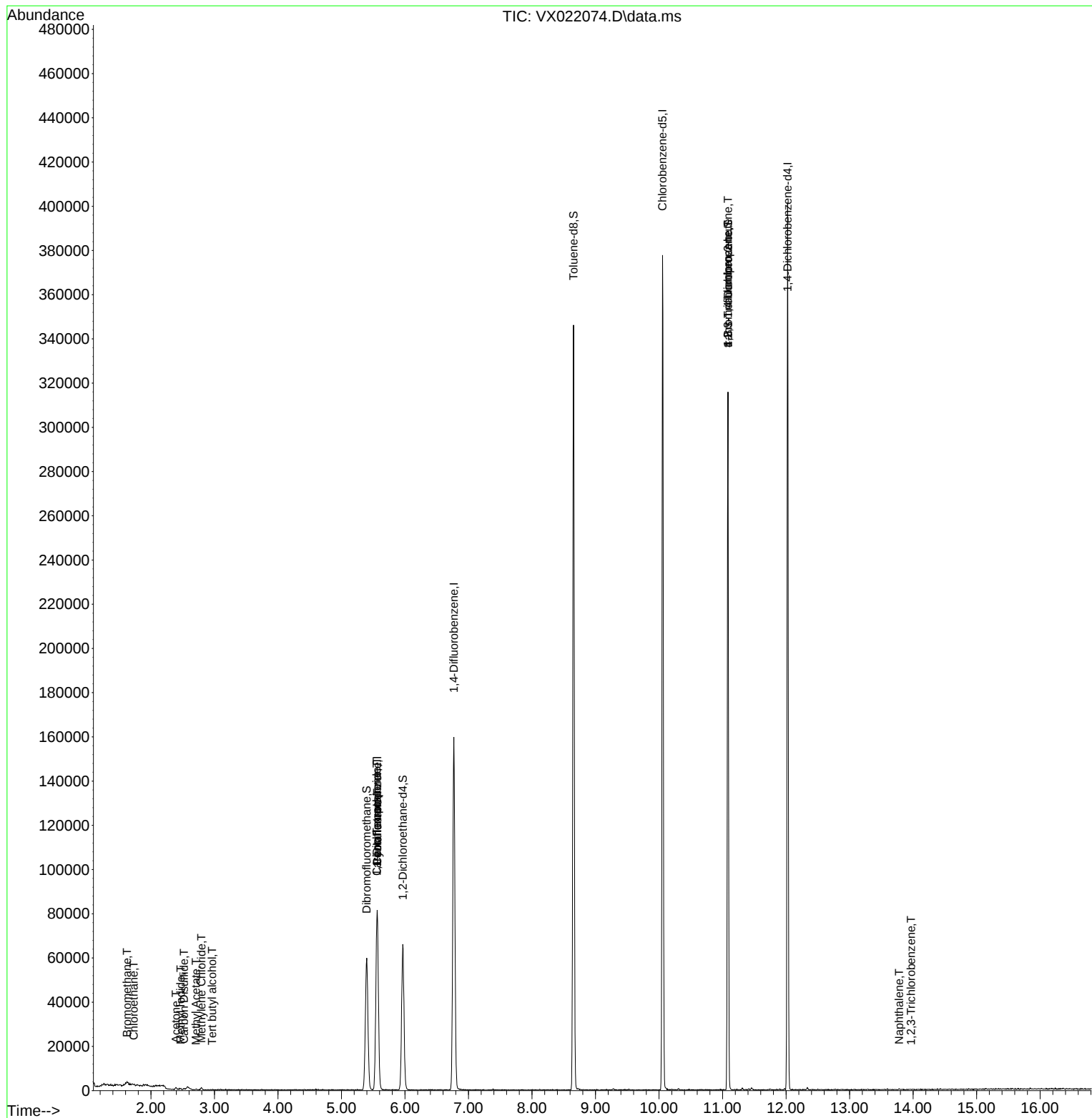
Internal Standards						
1) Pentafluorobenzene	5.562	168	71046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	156733	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	166544	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75472	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	59344	20.40	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	40.80%#
35) Dibromofluoromethane	5.397	113	51098	20.03	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	40.06%#
50) Toluene-d8	8.653	98	202260	20.66	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	41.32%#
62) 4-Bromofluorobenzene	11.085	95	88159	24.17	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	48.34%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.624	94	343	0.61	ug/l #	74
6) Chloroethane	1.727	64	24	1.29	ug/l #	43
10) Methyl Iodide	2.465	142	448	0.48	ug/l #	92
11) Tert butyl alcohol	2.965	59	65	0.24	ug/l #	73
16) Acetone	2.392	43	1221	2.44	ug/l	88
17) Carbon Disulfide	2.520	76	634	0.30	ug/l #	75
18) Methyl Acetate	2.709	43	286	0.22	ug/l #	51
20) Methylene Chloride	2.794	84	442	0.41	ug/l #	84
31) Cyclohexane	5.562	56	1863	1.30	ug/l #	23
36) 1,1-Dichloropropene	5.556	75	6603	4.55	ug/l #	49
38) Carbon Tetrachloride	5.556	117	8227	5.68	ug/l #	15
76) 1,2,3-Trichloropropane	11.085	75	44746	23.18	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.085	75	44746	58.16	ug/l #	13
95) Naphthalene	13.780	128	418	1.62	ug/l #	69
96) 1,2,3-Trichlorobenzene	13.969	180	30	1.12	ug/l #	1

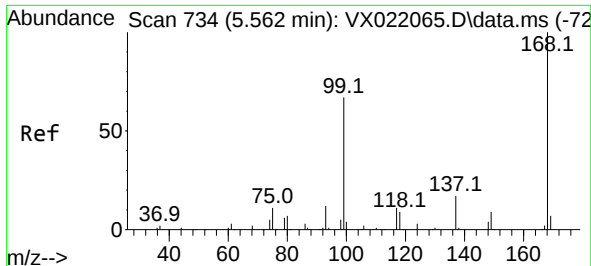
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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STORAGE-BLANK-WATER-REF-5

Quant Time: May 19 05:32:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 05:14:43 2021
Response via : Initial Calibration

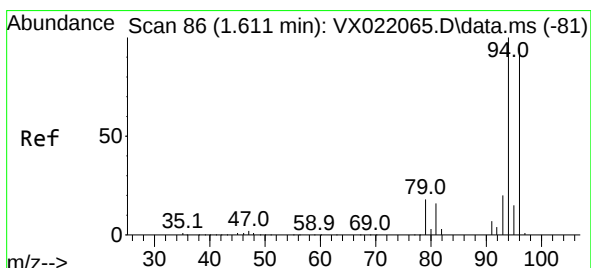
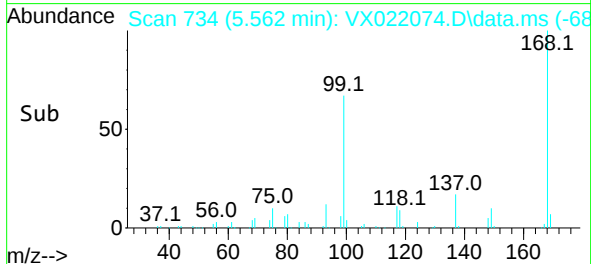
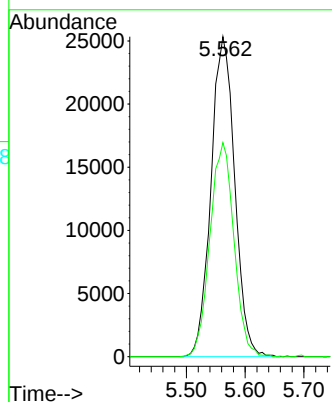
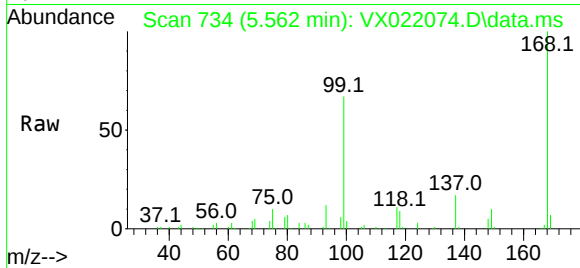




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

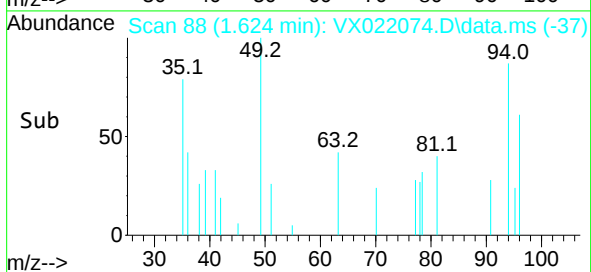
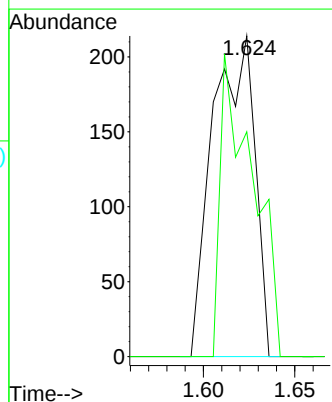
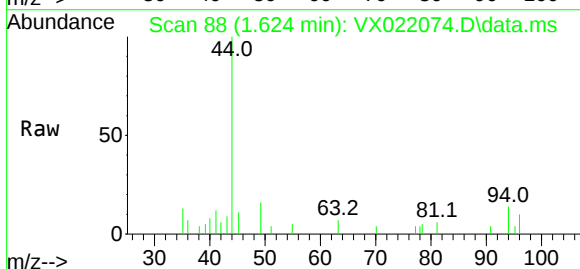
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

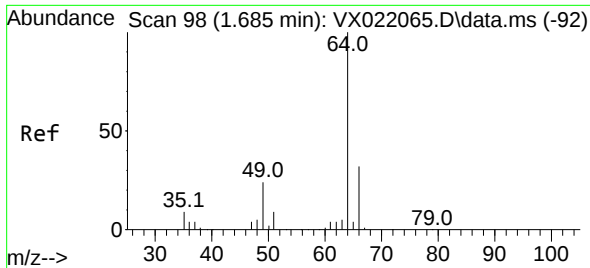
Tgt Ion:168 Resp: 71046
Ion Ratio Lower Upper
168 100
99 66.9 53.7 80.5



#5
Bromomethane
Concen: 0.61 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.012 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 94 Resp: 343
Ion Ratio Lower Upper
94 100
96 70.1 76.2 114.4#

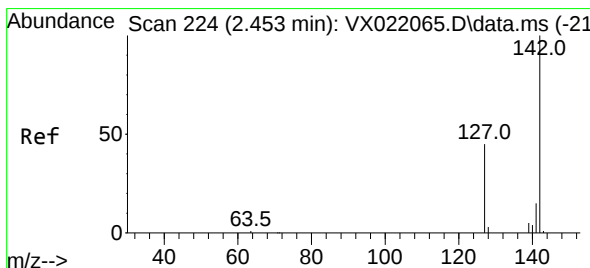
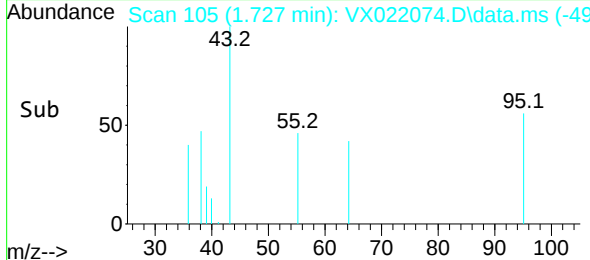
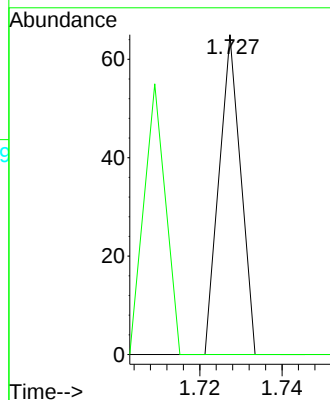
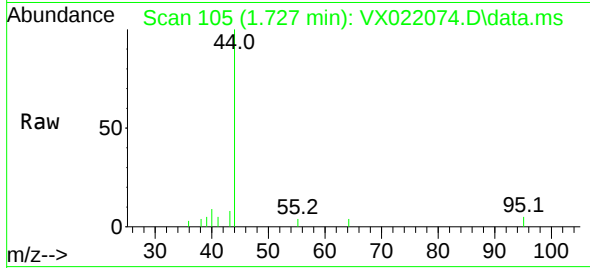




#6
Chloroethane
Concen: 1.29 ug/l
RT: 1.727 min Scan# 105
Delta R.T. 0.042 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

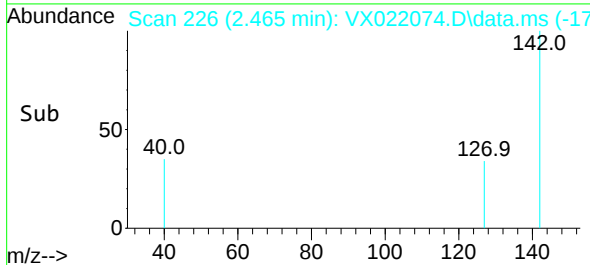
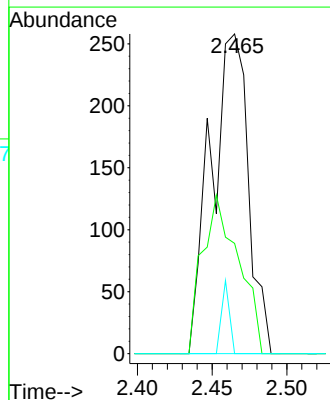
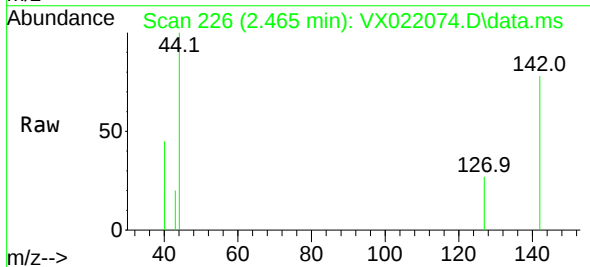
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

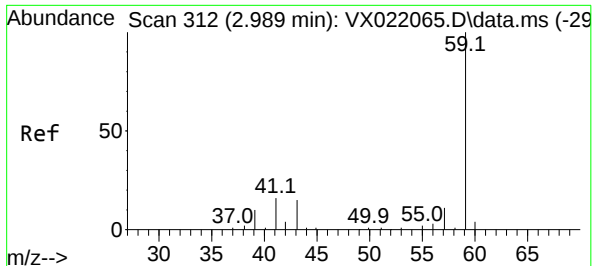
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#10
Methyl Iodide
Concen: 0.48 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 142 Resp: 448
Ion Ratio Lower Upper
142 100
127 48.2 36.7 55.1
141 4.9 11.4 17.0#



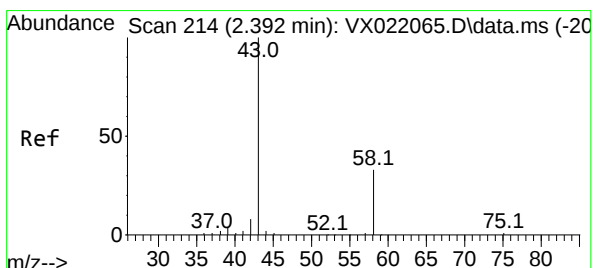
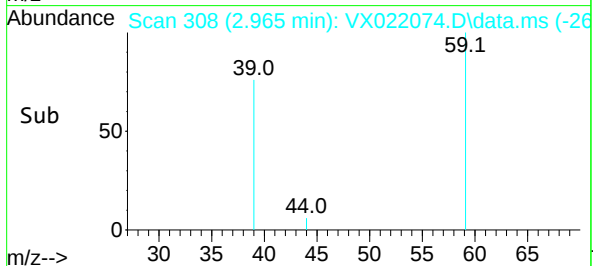
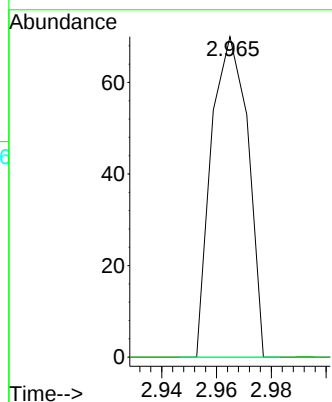
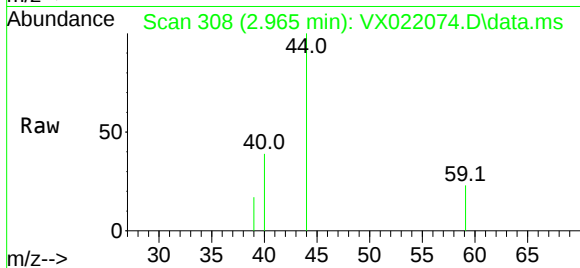


#11

Tert butyl alcohol
Concen: 0.24 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.024 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

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

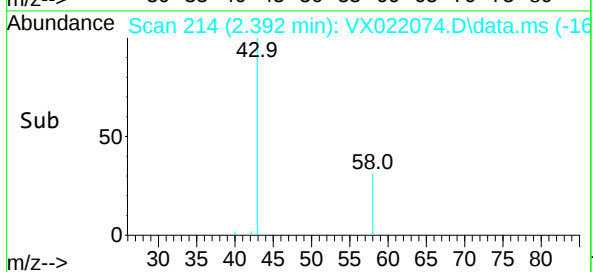
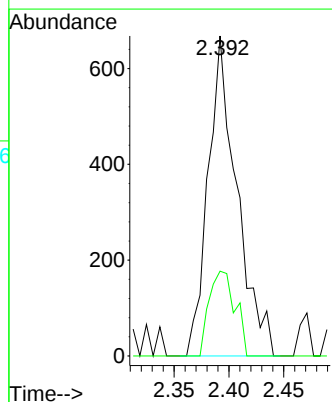
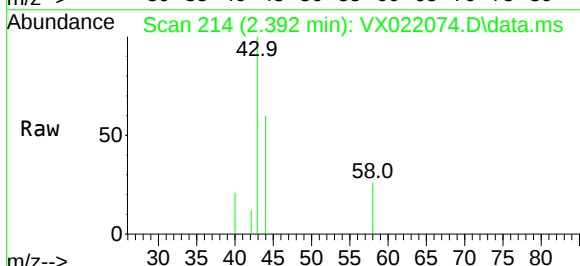
Tgt Ion: 59 Resp: 65
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

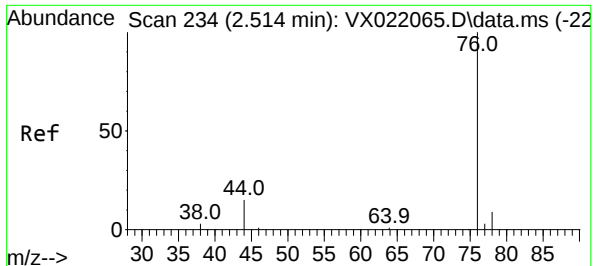


#16

Acetone
Concen: 2.44 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 43 Resp: 1221
Ion Ratio Lower Upper
43 100
58 26.5 26.4 39.6

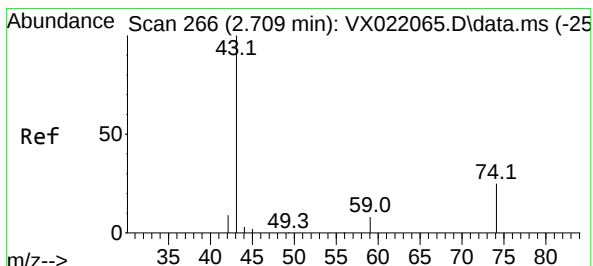
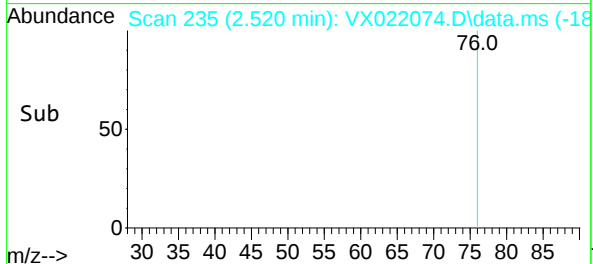
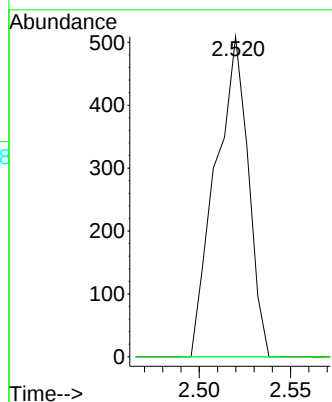
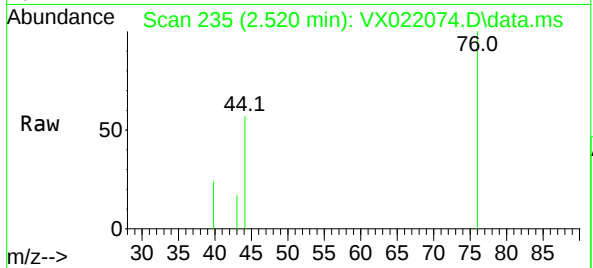




#17
Carbon Disulfide
Concen: 0.30 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

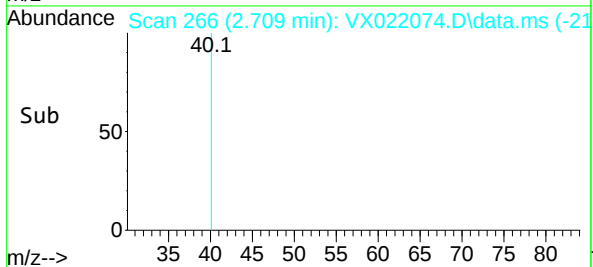
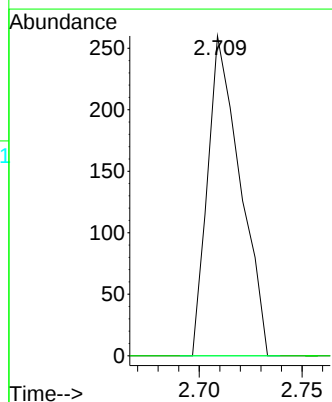
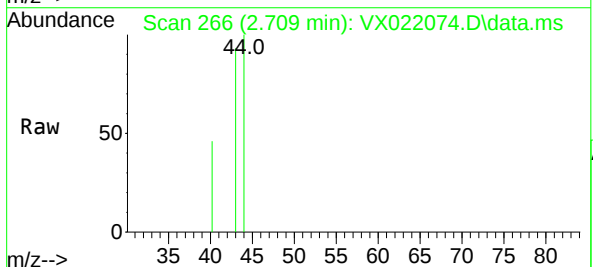
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

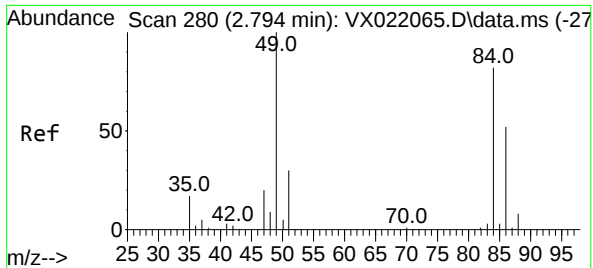
Tgt Ion: 76 Resp: 634
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#



#18
Methyl Acetate
Concen: 0.22 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 43 Resp: 286
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



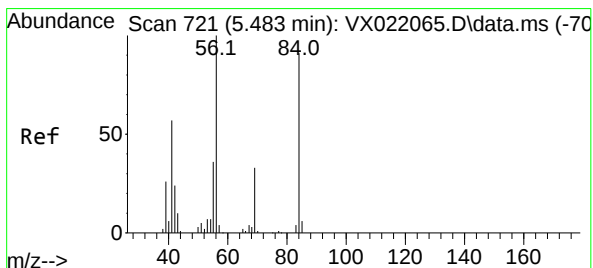
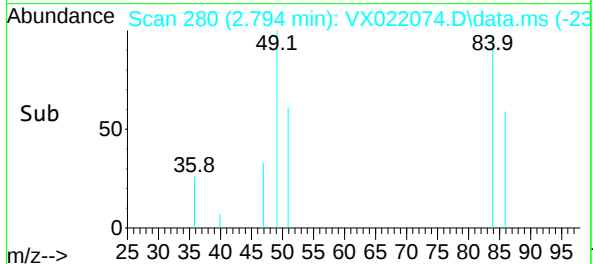
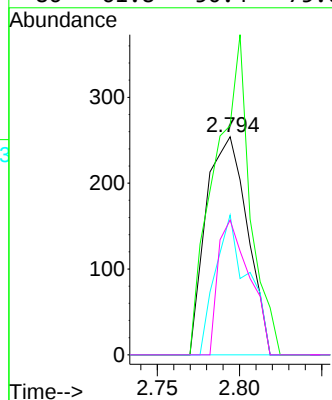
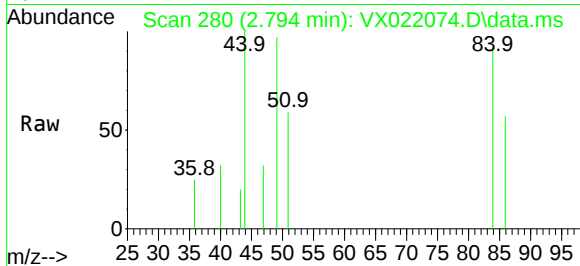


#20
Methylene Chloride
Concen: 0.41 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

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

Tgt Ion: 84 Resp: 442

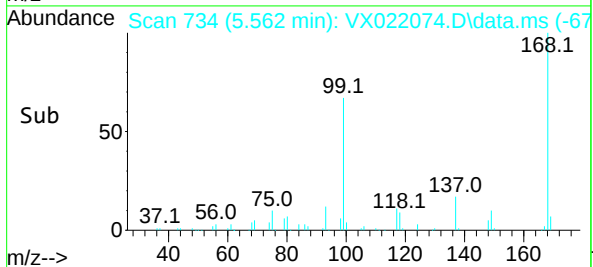
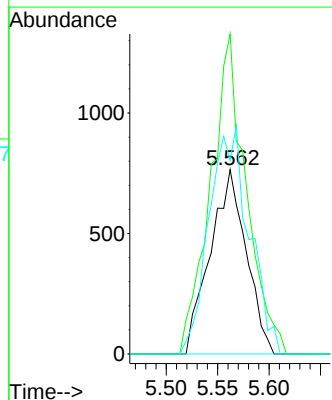
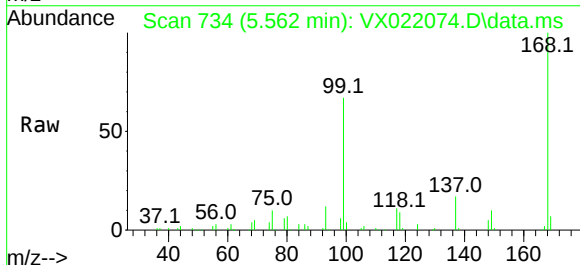
Ion	Ratio	Lower	Upper
84	100		
49	105.1	97.4	146.0
51	64.2	29.0	43.4#
86	61.8	50.4	75.6

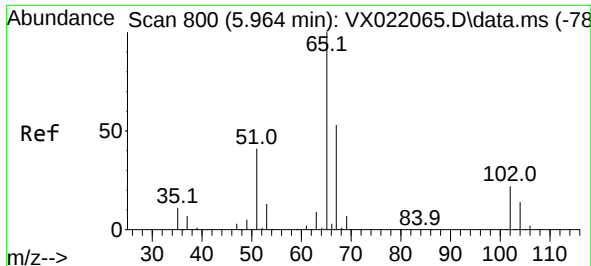


#31
Cyclohexane
Concen: 1.30 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.079 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 56 Resp: 1863

Ion	Ratio	Lower	Upper
56	100		
69	173.6	26.2	39.4#
84	105.0	73.0	109.4





#33

1,2-Dichloroethane-d4

Concen: 20.40 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

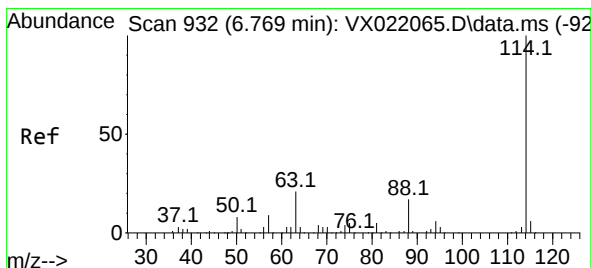
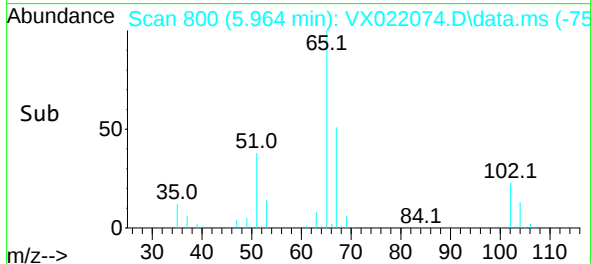
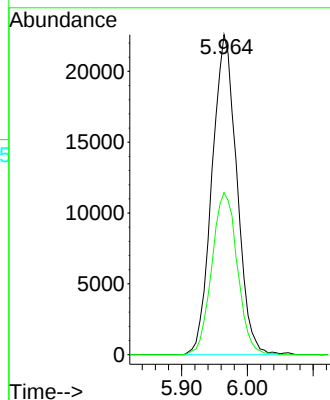
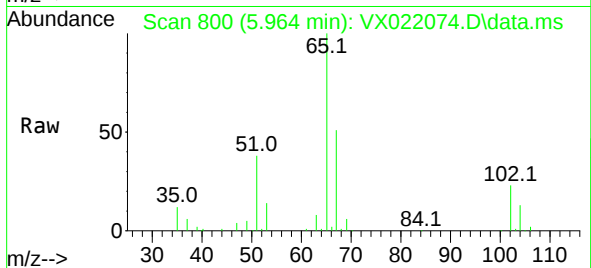
Lab File: VX022074.D

Acq: 19 May 2021 00:48

Tgt Ion: 65 Resp: 59344

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
65	100		
67	52.1	0.0	106.4



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

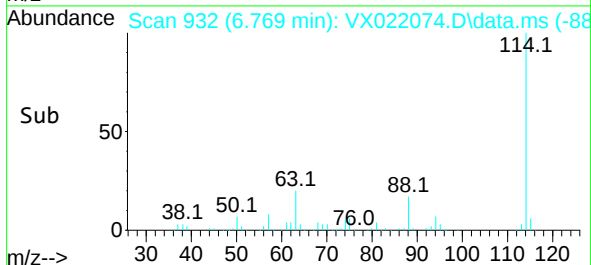
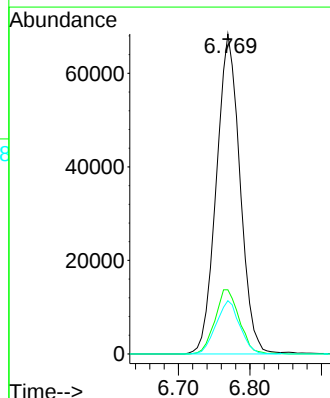
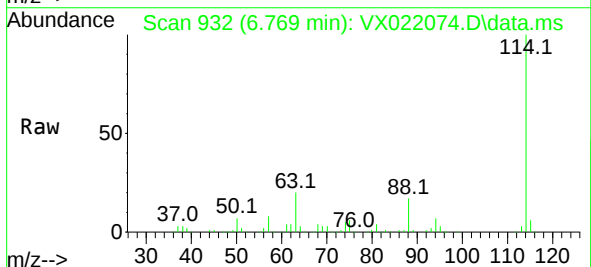
Lab File: VX022074.D

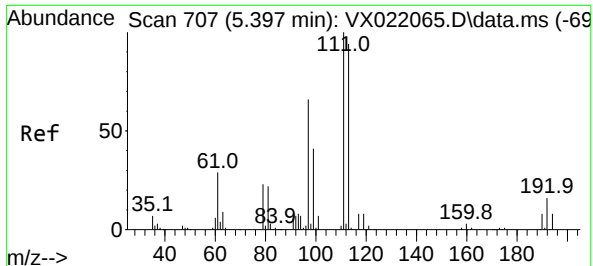
Acq: 19 May 2021 00:48

Tgt Ion: 114 Resp: 156733

Ion Ratio Lower Upper

Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	16.6	0.0	34.0





#35

Dibromofluoromethane

Concen: 20.03 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX022074.D

Acq: 19 May 2021 00:48

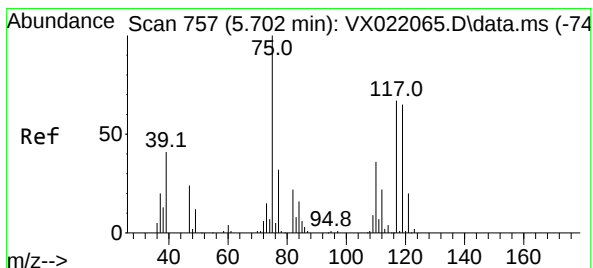
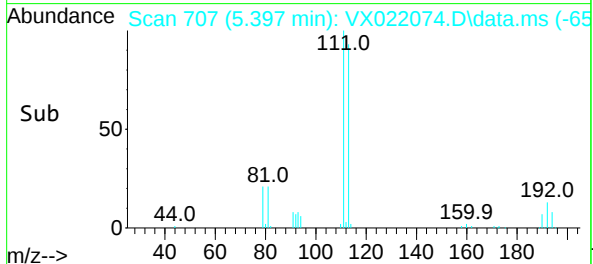
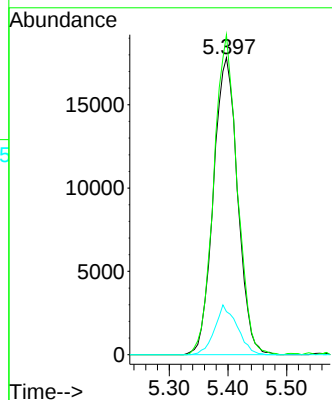
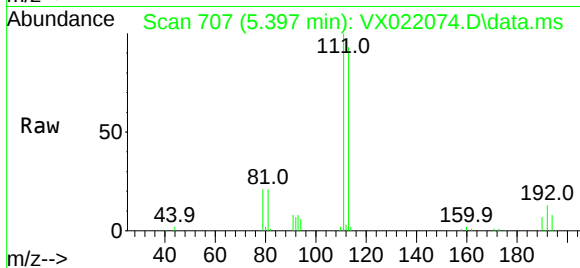
Tgt Ion:113 Resp: 51098

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 15.5 13.1 19.7



#36

1,1-Dichloropropene

Concen: 4.55 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.146 min

Lab File: VX022074.D

Acq: 19 May 2021 00:48

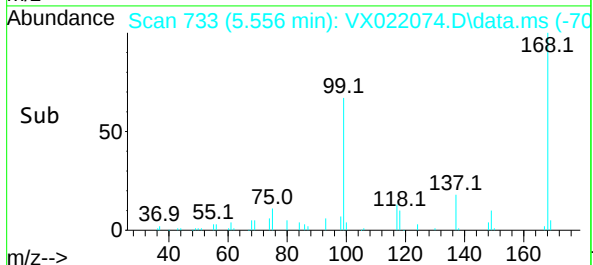
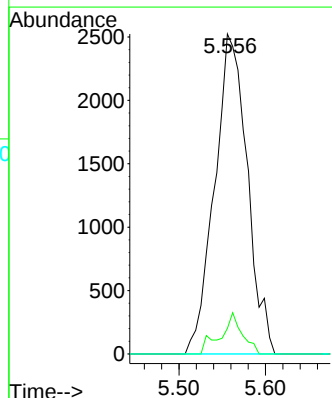
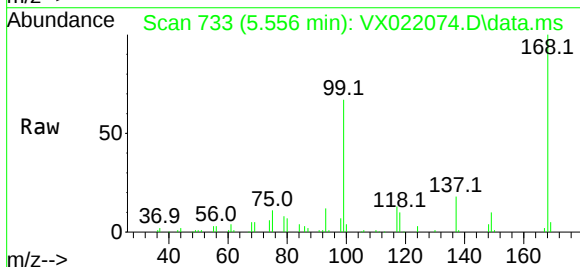
Tgt Ion: 75 Resp: 6603

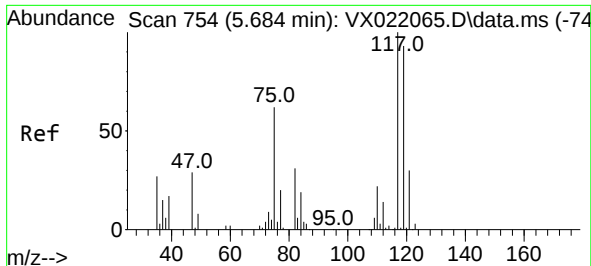
Ion Ratio Lower Upper

75 100

110 8.5 17.9 53.7#

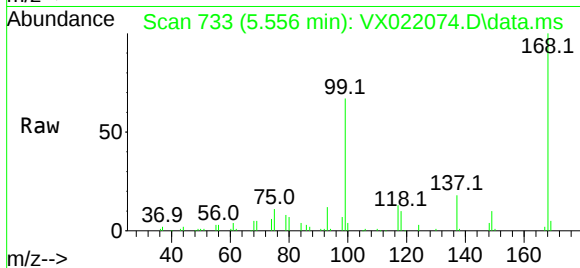
77 0.0 25.0 37.4#



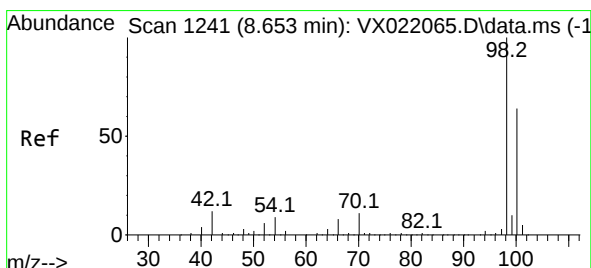
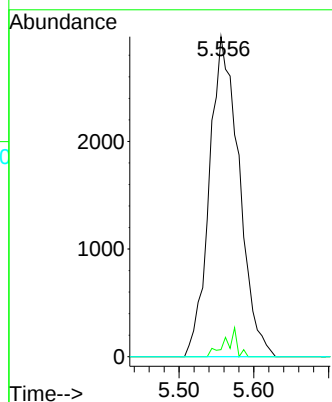
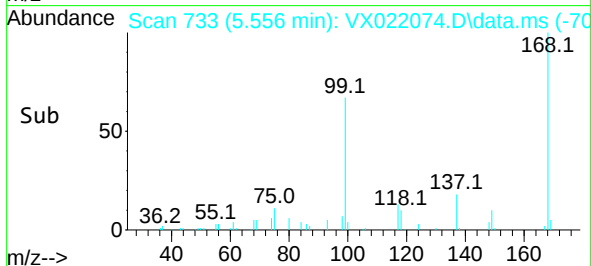


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

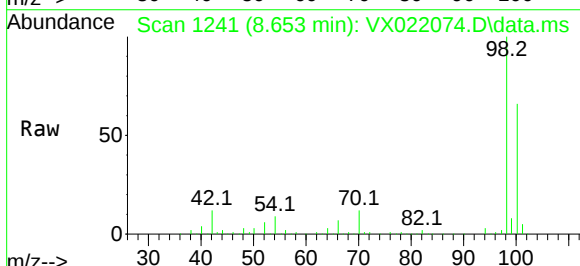
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5



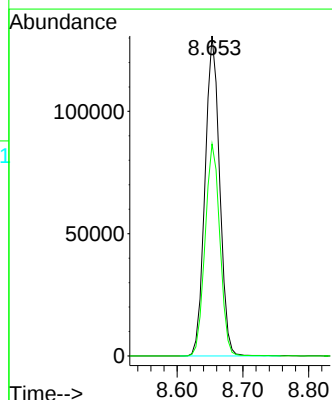
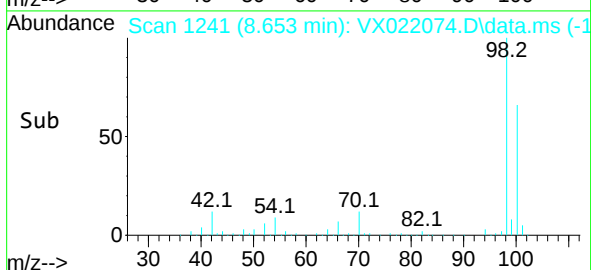
Tgt Ion: 117 Resp: 8227
Ion Ratio Lower Upper
117 100
119 2.2 74.6 111.8#
121 0.0 23.6 35.4#

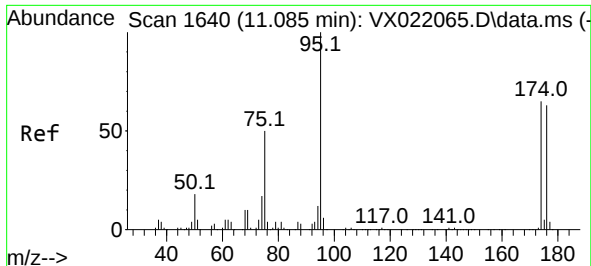


#50
Toluene-d8
Concen: 20.66 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48



Tgt Ion: 98 Resp: 202260
Ion Ratio Lower Upper
98 100
100 66.9 52.8 79.2

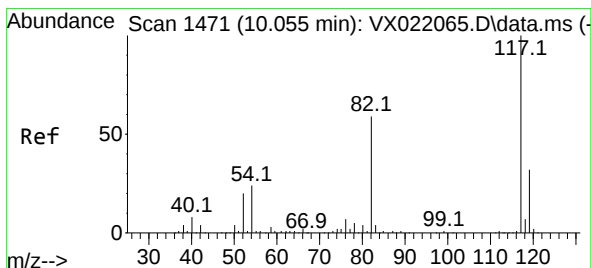
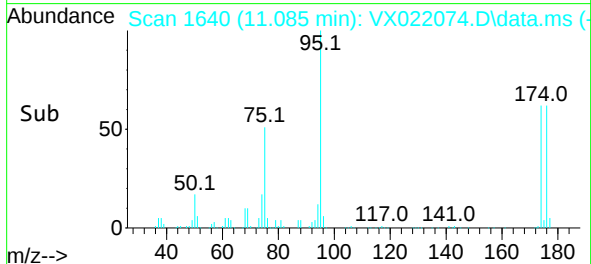
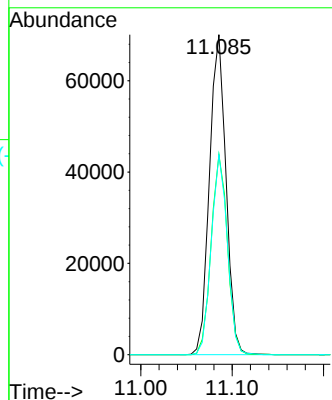
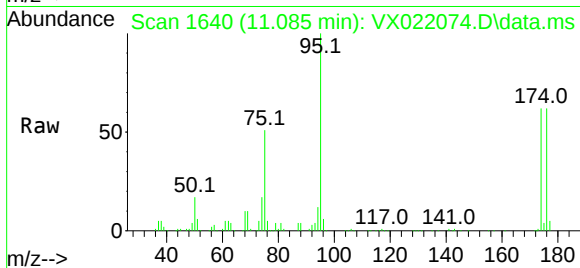




#62
4-Bromofluorobenzene
Concen: 24.17 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

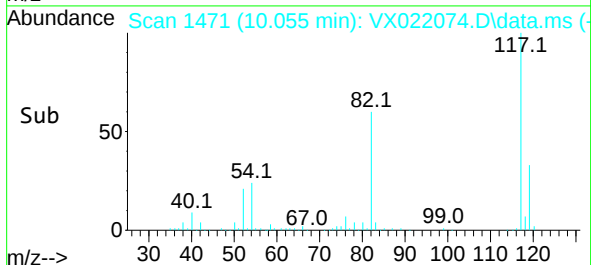
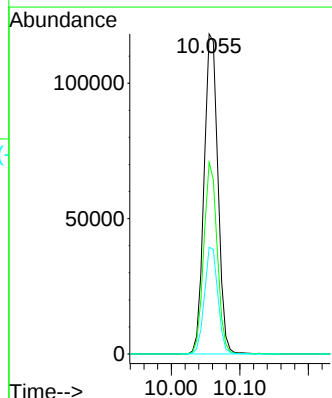
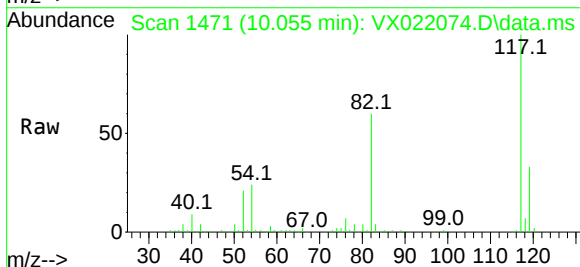
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

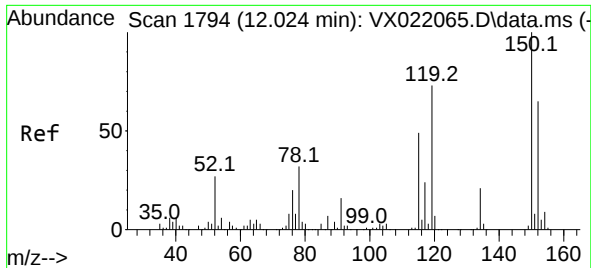
Tgt Ion: 95 Resp: 88159
Ion Ratio Lower Upper
95 100
174 61.7 0.0 128.8
176 60.9 0.0 125.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 117 Resp: 166544
Ion Ratio Lower Upper
117 100
82 59.8 47.6 71.4
119 33.3 25.4 38.2

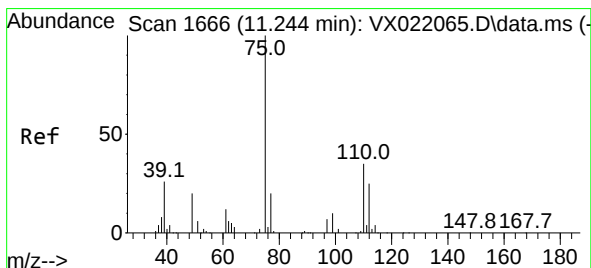
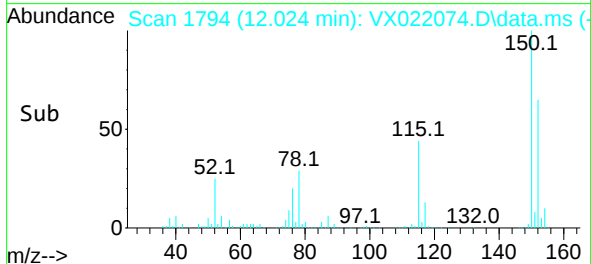
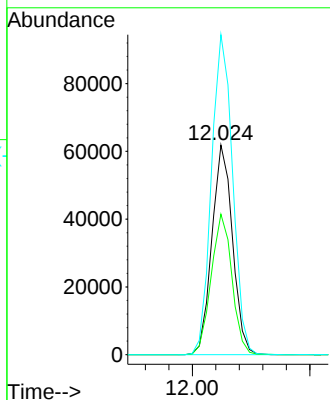
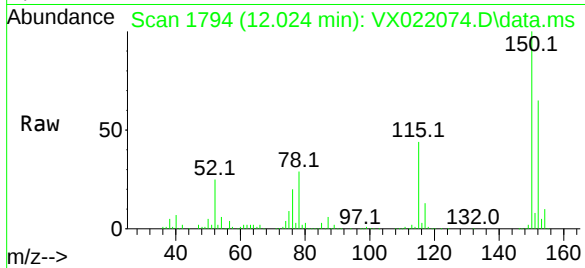




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX022074.D
 Acq: 19 May 2021 00:48

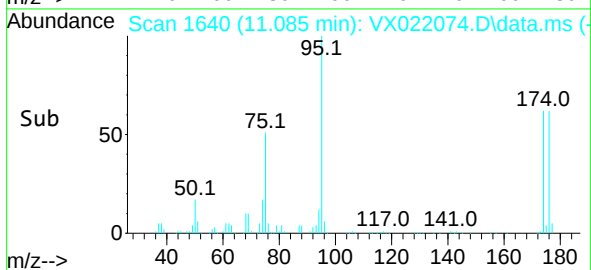
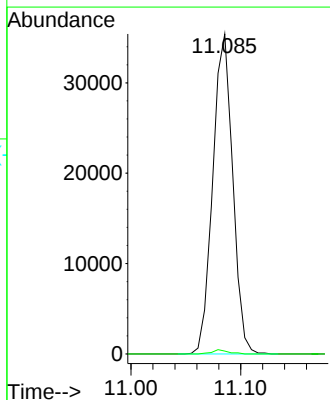
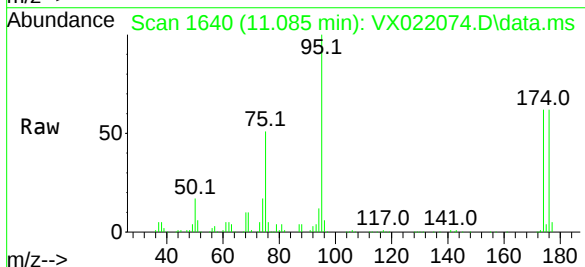
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

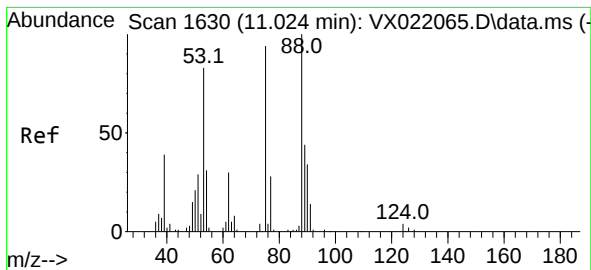
Tgt Ion:152 Resp: 75472
 Ion Ratio Lower Upper
 152 100
 115 67.5 46.4 139.2
 150 156.5 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 23.18 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.158 min
 Lab File: VX022074.D
 Acq: 19 May 2021 00:48

Tgt Ion: 75 Resp: 44746
 Ion Ratio Lower Upper
 75 100
 77 1.1 20.8 62.5#

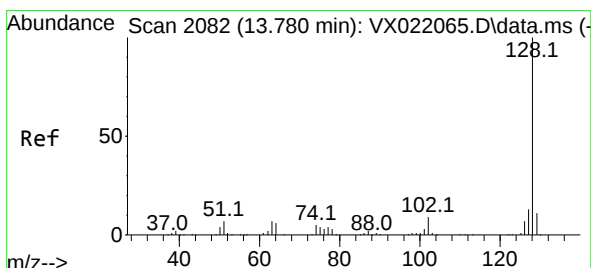
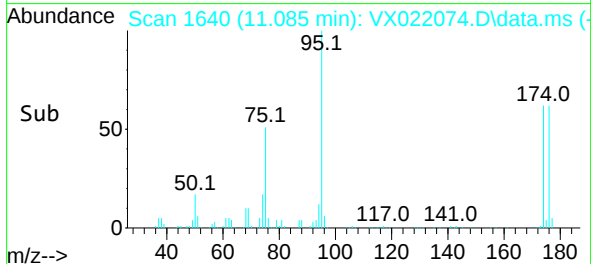
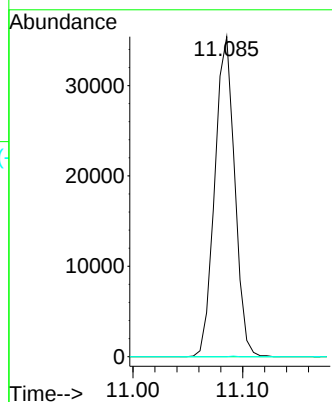
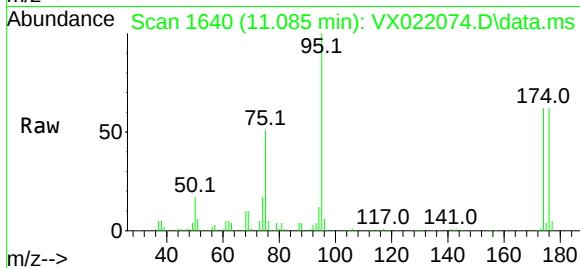




#81
trans-1,4-Dichloro-2-butene
Concen: 58.16 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

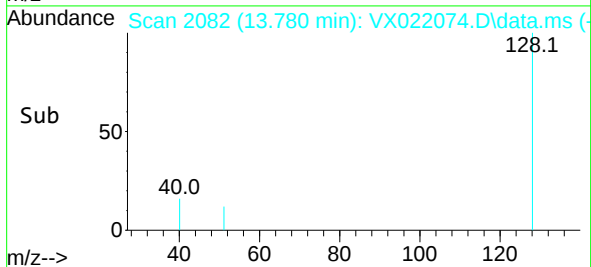
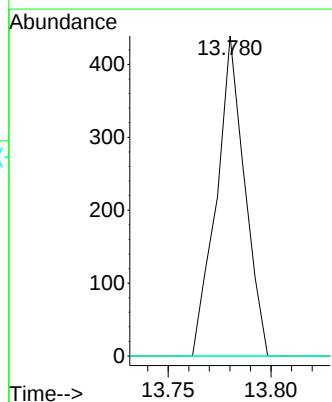
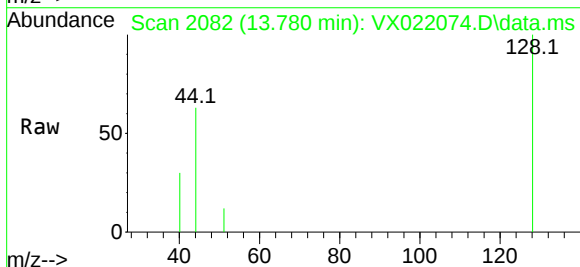
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

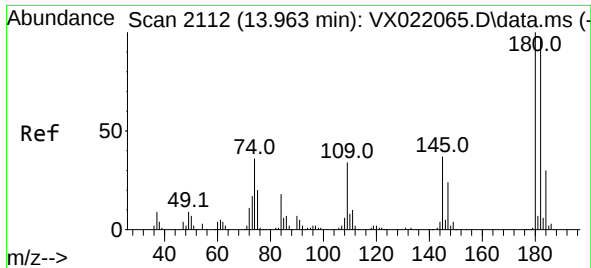
Tgt Ion: 75 Resp: 44746
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.1 36.5 54.7#



#95
Naphthalene
Concen: 1.62 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VX022074.D
Acq: 19 May 2021 00:48

Tgt Ion: 128 Resp: 418
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.12 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX022074.D
 Acq: 19 May 2021 00:48

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

Tgt Ion:180 Resp: 30
 Ion Ratio Lower Upper
 180 100
 182 206.7 47.9 143.7#
 145 0.0 18.3 54.8#

