

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051821\
 Data File : VX022075.D
 Acq On : 19 May 2021 01:11
 Operator : JC/MD
 Sample : M2406-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: May 19 05:32:55 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)

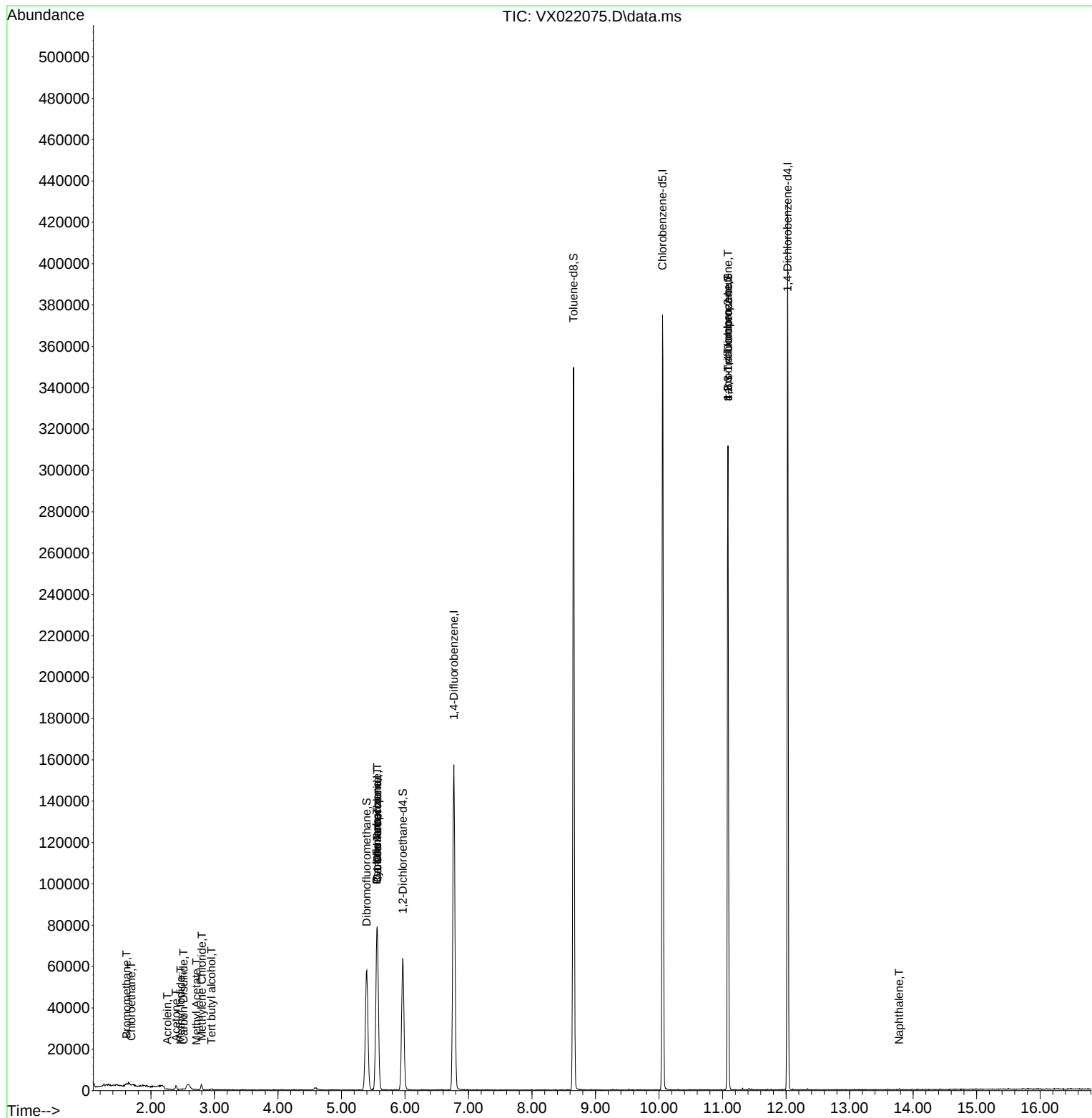
Internal Standards						
1) Pentafluorobenzene	5.556	168	69266	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	159181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	164455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74383	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	58585	20.66	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	41.32%#
35) Dibromofluoromethane	5.397	113	50029	19.31	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	38.62%#
50) Toluene-d8	8.653	98	199959	20.11	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	40.22%#
62) 4-Bromofluorobenzene	11.085	95	87053	23.50	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	47.00%#
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	306	0.56	ug/l	97
6) Chloroethane	1.691	64	20	1.28	ug/l #	43
10) Methyl Iodide	2.465	142	444	0.49	ug/l #	81
11) Tert butyl alcohol	2.953	59	148	0.55	ug/l #	73
13) Acrolein	2.258	56	62	0.36	ug/l #	14
16) Acetone	2.392	43	2095	4.30	ug/l	92
17) Carbon Disulfide	2.514	76	521	0.25	ug/l #	75
18) Methyl Acetate	2.715	43	365	0.29	ug/l #	51
20) Methylene Chloride	2.800	84	1052	0.99	ug/l #	81
31) Cyclohexane	5.556	56	1873	1.34	ug/l #	17
36) 1,1-Dichloropropene	5.562	75	6804	4.62	ug/l #	49
38) Carbon Tetrachloride	5.562	117	7683	5.22	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	44705	23.50	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.085	75	44705	58.96	ug/l #	13
95) Naphthalene	13.780	128	275	1.60	ug/l #	69

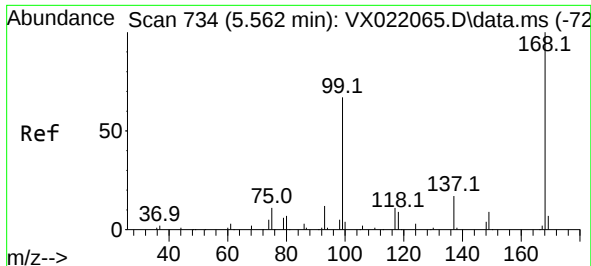
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051821W.M
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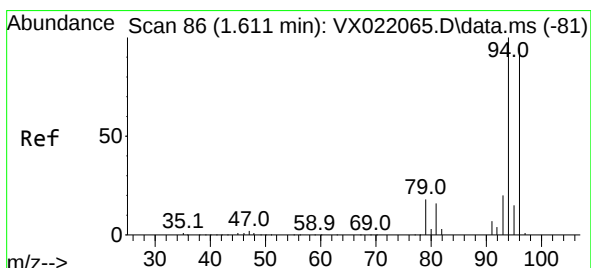
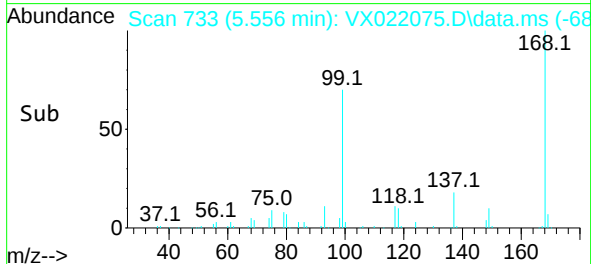
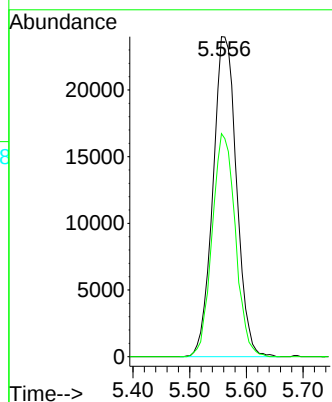
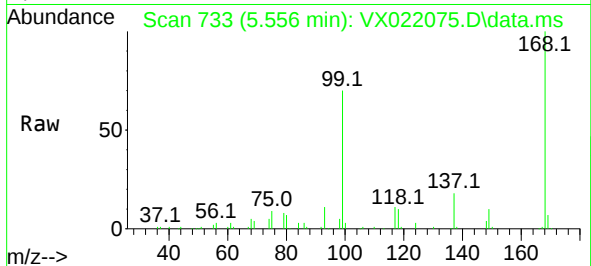




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.006 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

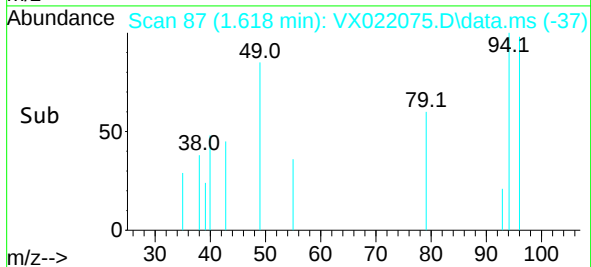
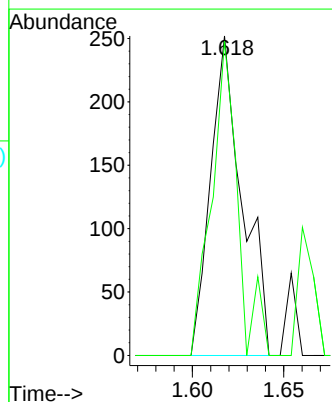
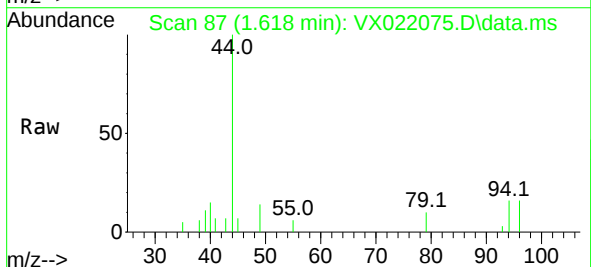
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

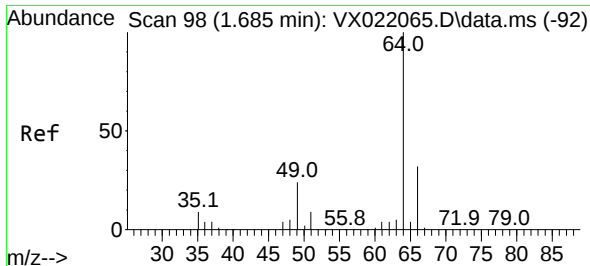
Tgt Ion:168 Resp: 69266
Ion Ratio Lower Upper
168 100
99 69.7 53.7 80.5



#5
Bromomethane
Concen: 0.56 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 94 Resp: 306
Ion Ratio Lower Upper
94 100
96 98.4 76.2 114.4

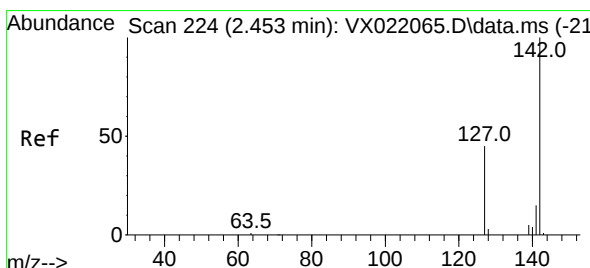
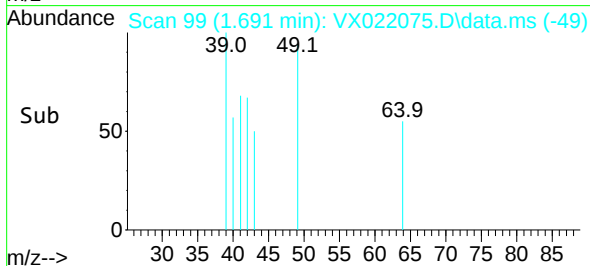
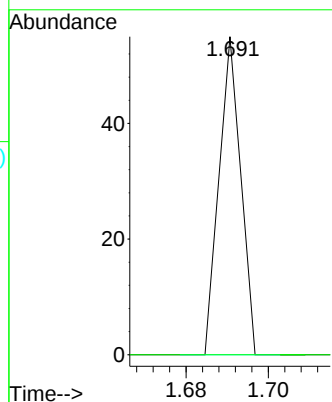
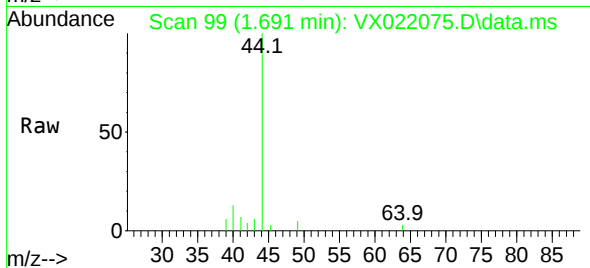




#6
Chloroethane
Concen: 1.28 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

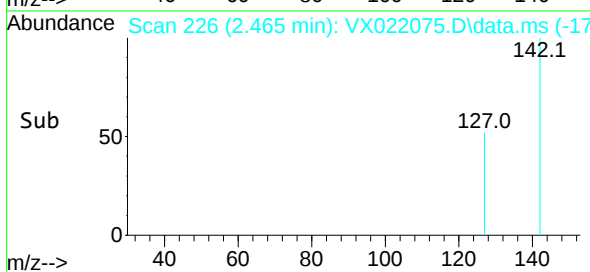
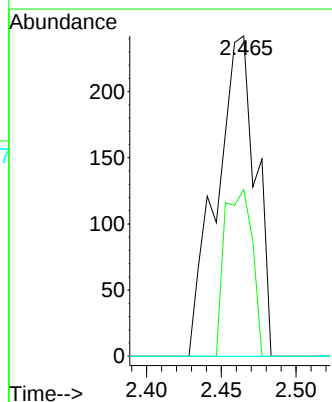
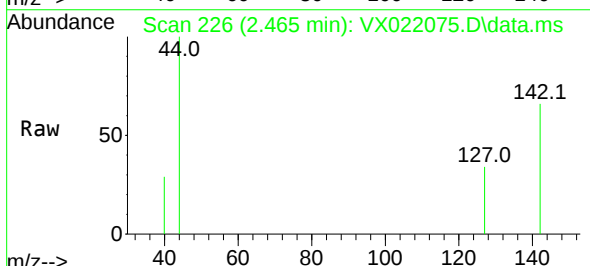
Instrument :
MSVOA_X
ClientSampleId :
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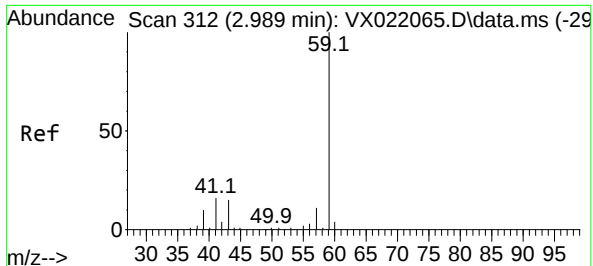
Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.5 38.3#



#10
Methyl Iodide
Concen: 0.49 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 142 Resp: 444
Ion Ratio Lower Upper
142 100
127 36.5 36.7 55.1#
141 0.0 11.4 17.0#



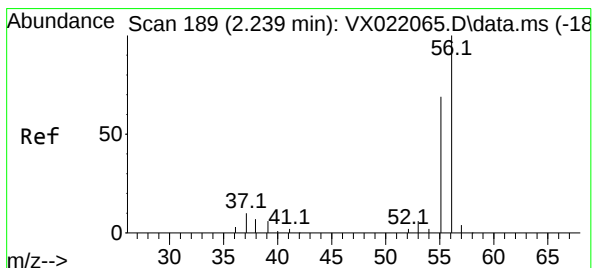
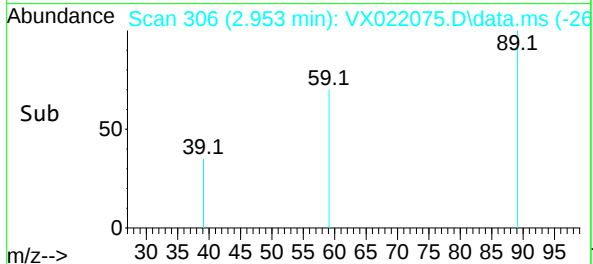
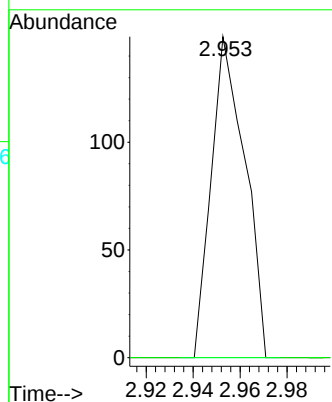
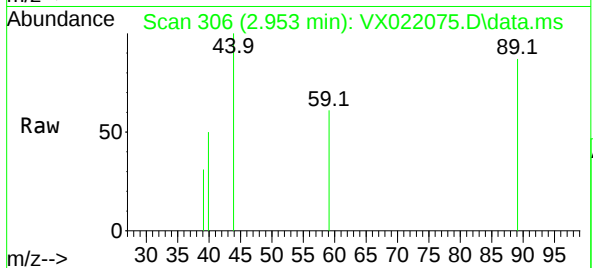


#11

Tert butyl alcohol
Concen: 0.55 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

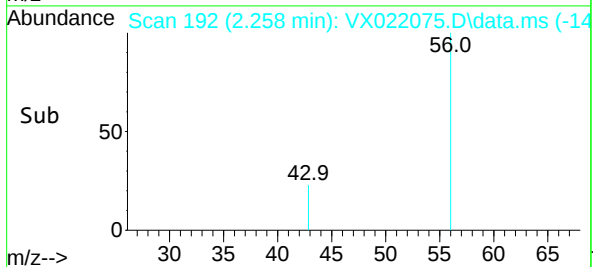
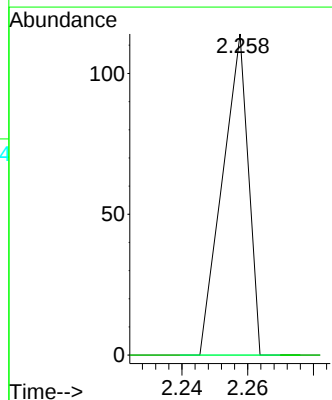
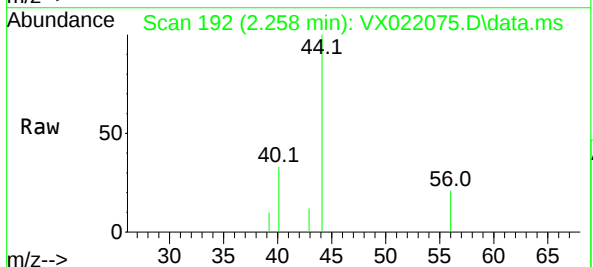
Tgt Ion: 59 Resp: 148
Ion Ratio Lower Upper
59 100
57 0.0 7.9 11.9#

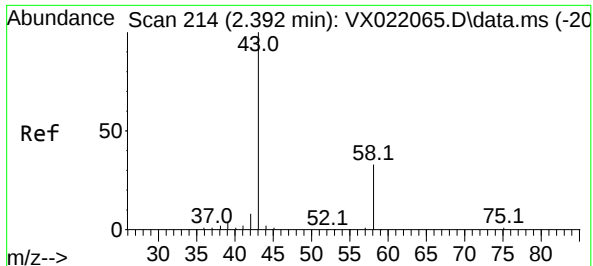


#13

Acrolein
Concen: 0.36 ug/l
RT: 2.258 min Scan# 192
Delta R.T. 0.018 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 0.0 56.9 85.3#

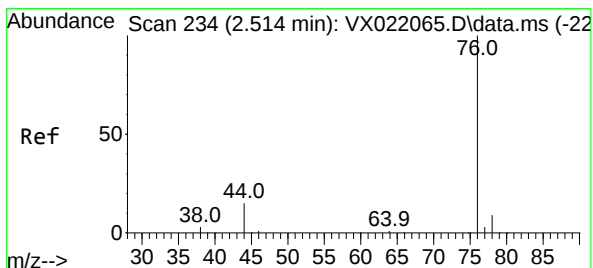
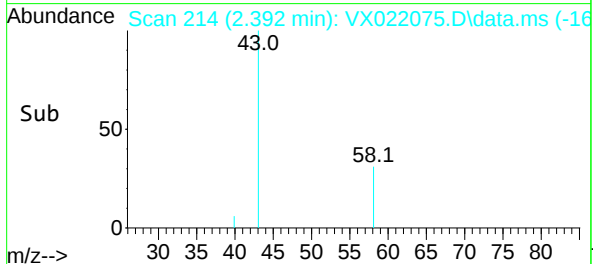
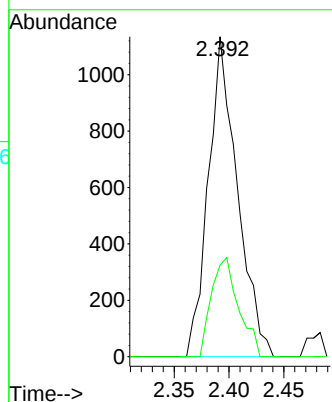
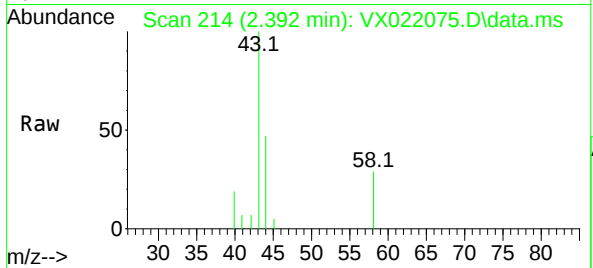




#16
Acetone
Concen: 4.30 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

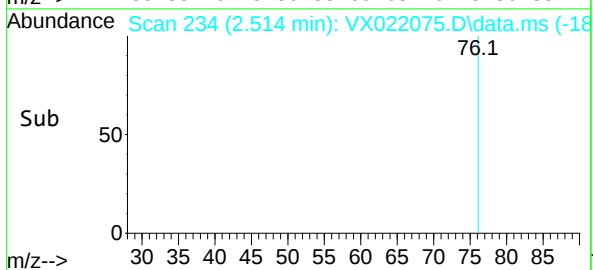
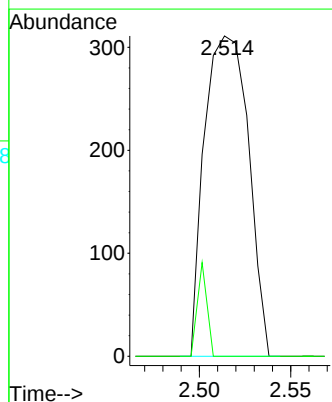
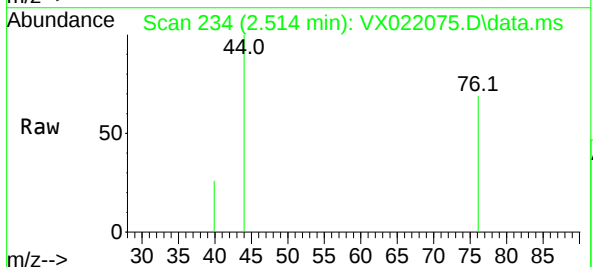
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

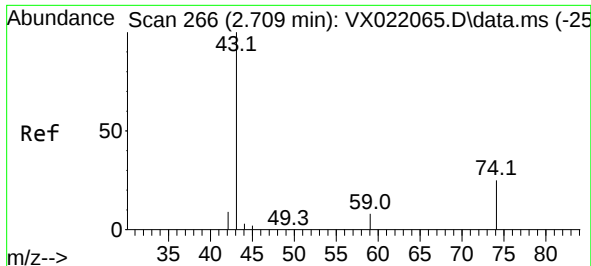
Tgt Ion: 43 Resp: 2095
Ion Ratio Lower Upper
43 100
58 28.5 26.4 39.6



#17
Carbon Disulfide
Concen: 0.25 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 76 Resp: 521
Ion Ratio Lower Upper
76 100
78 0.0 7.1 10.7#

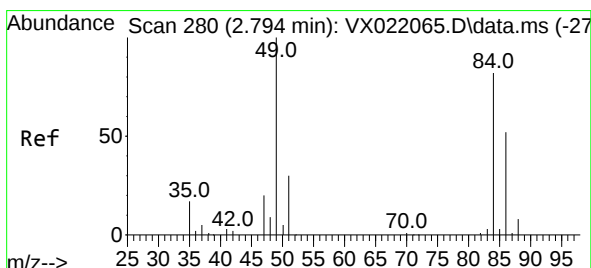
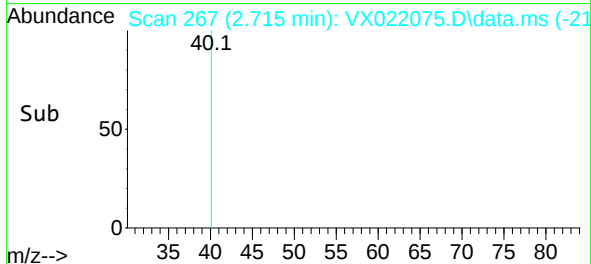
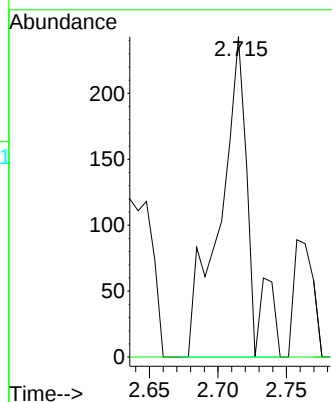
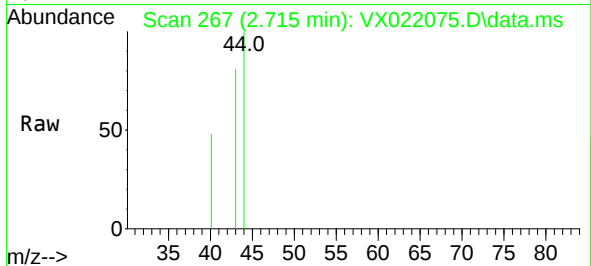




#18
Methyl Acetate
Concen: 0.29 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

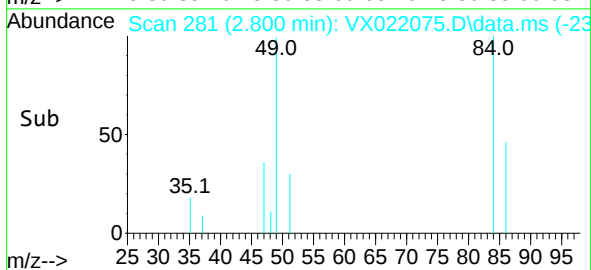
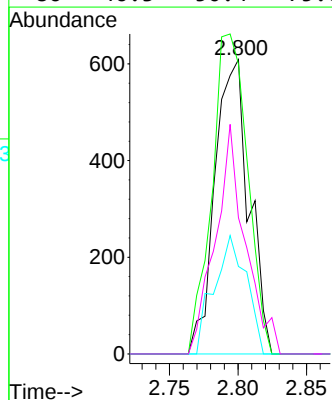
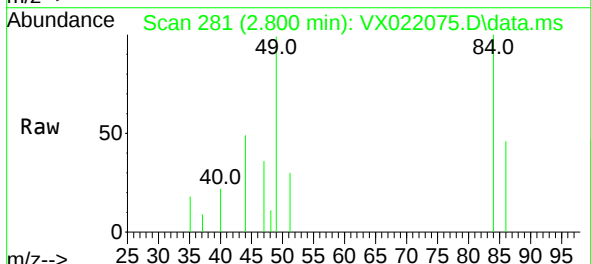
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ClientSampleId :
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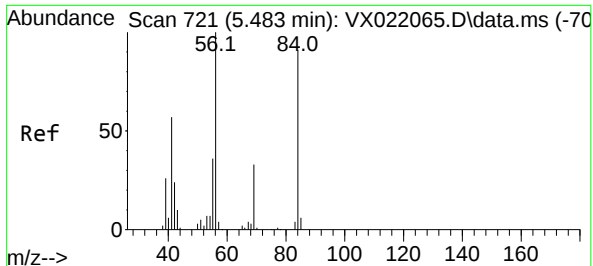
Tgt Ion: 43 Resp: 365
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 0.99 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 84 Resp: 1052
Ion Ratio Lower Upper
84 100
49 98.5 97.4 146.0
51 29.7 29.0 43.4
86 46.3 50.4 75.6#

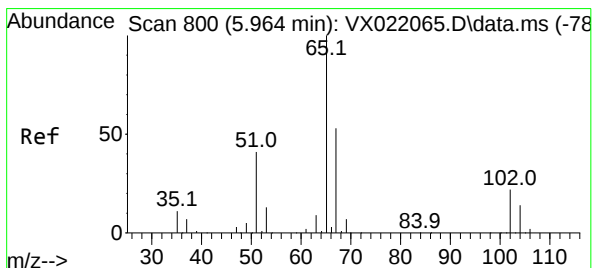
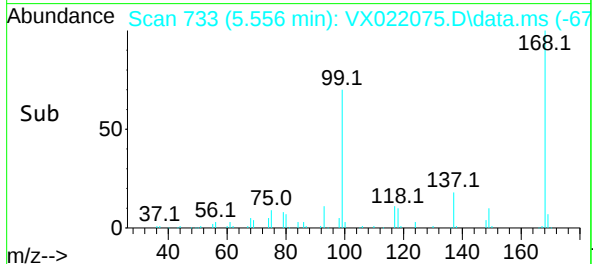
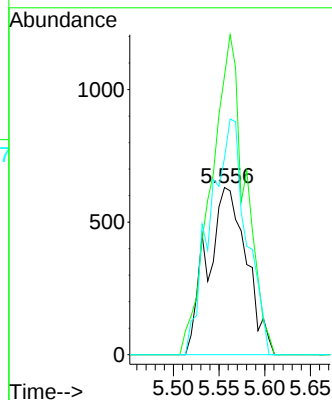
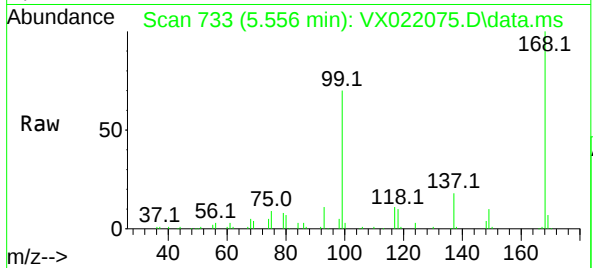




#31
Cyclohexane
Concen: 1.34 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.073 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

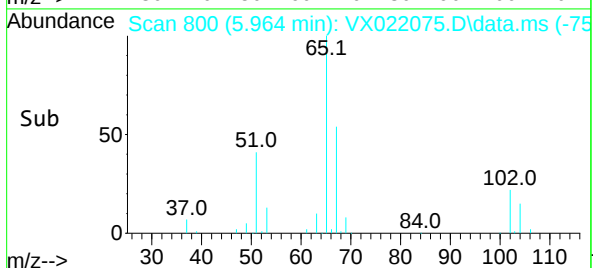
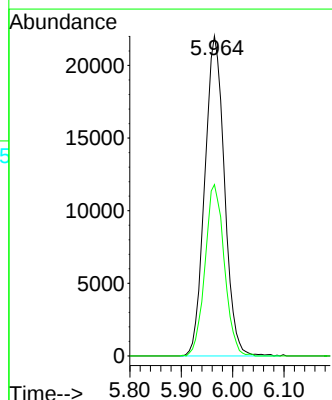
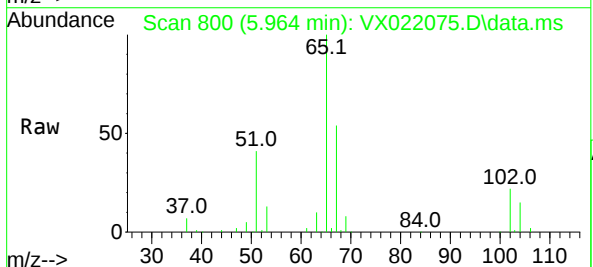
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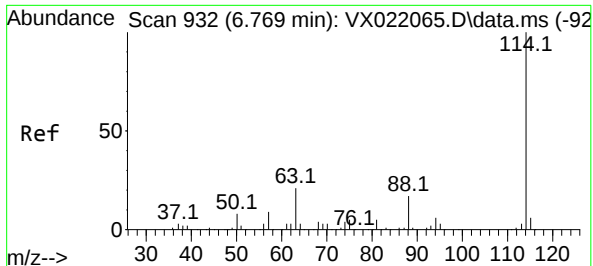
Tgt Ion: 56 Resp: 1873
Ion Ratio Lower Upper
56 100
69 166.7 26.2 39.4#
84 117.6 73.0 109.4#



#33
1,2-Dichloroethane-d4
Concen: 20.66 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 65 Resp: 58585
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.4

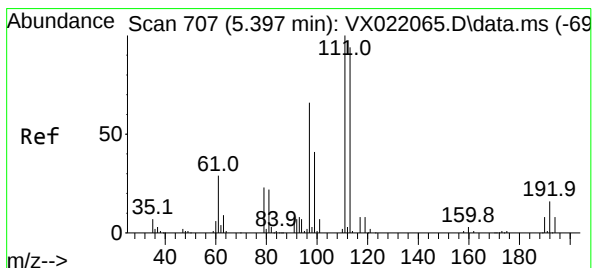
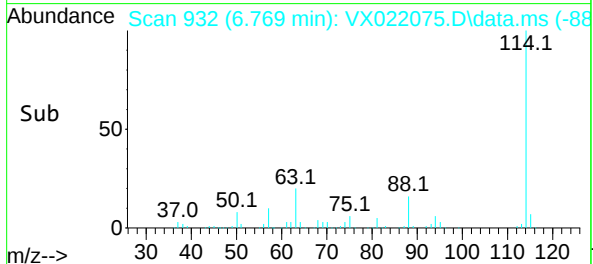
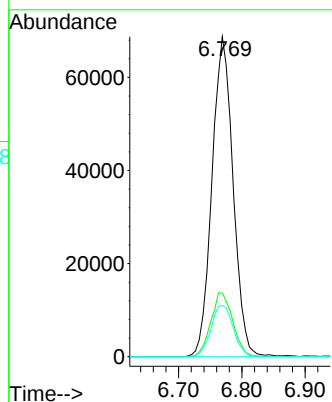
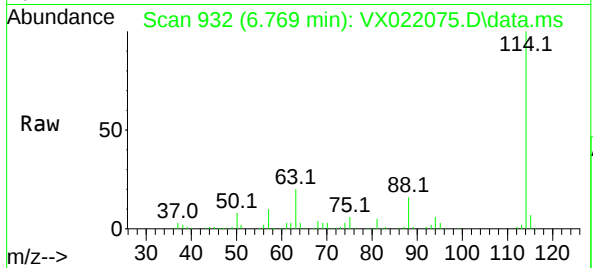




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

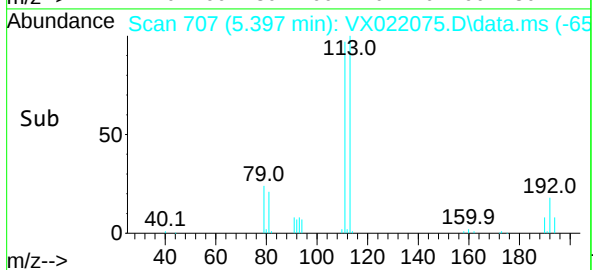
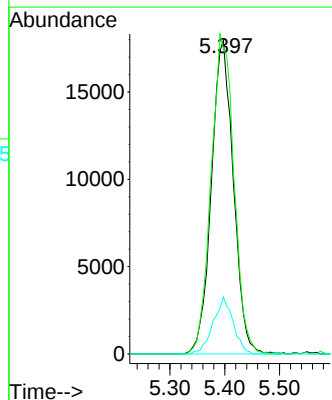
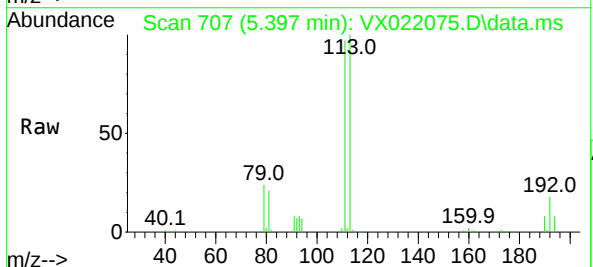
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

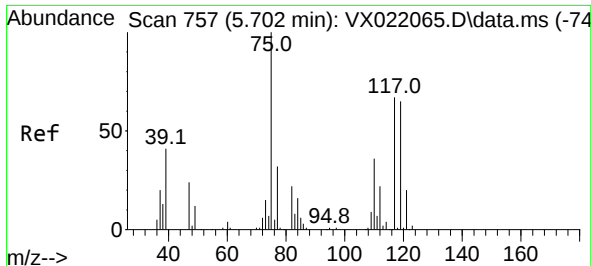
Tgt Ion:114 Resp: 159181
Ion Ratio Lower Upper
114 100
63 19.9 0.0 41.4
88 16.0 0.0 34.0



#35
Dibromofluoromethane
Concen: 19.31 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion:113 Resp: 50029
Ion Ratio Lower Upper
113 100
111 105.9 83.8 125.6
192 16.5 13.1 19.7





#36

1,1-Dichloropropene

Concen: 4.62 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX022075.D

Acq: 19 May 2021 01:11

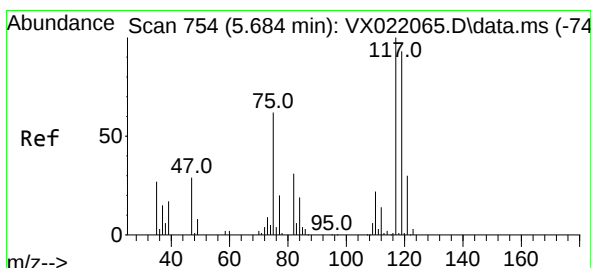
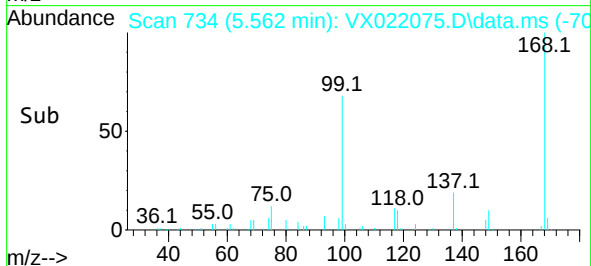
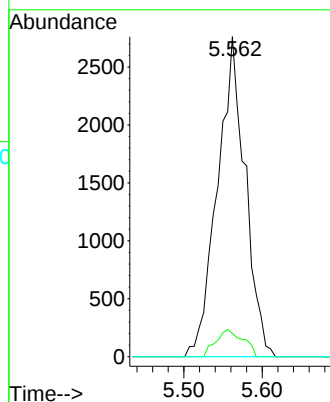
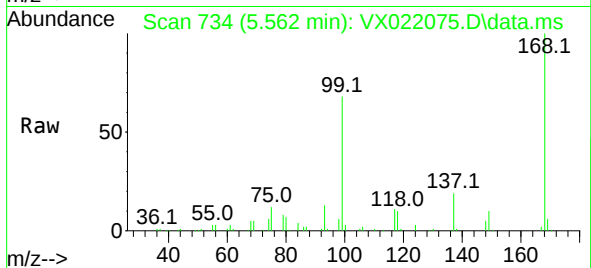
Tgt Ion: 75	Resp: 6804
Ion Ratio	Lower Upper
75	100
110	8.3 17.9 53.7#
77	0.0 25.0 37.4#

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4



#38

Carbon Tetrachloride

Concen: 5.22 ug/l

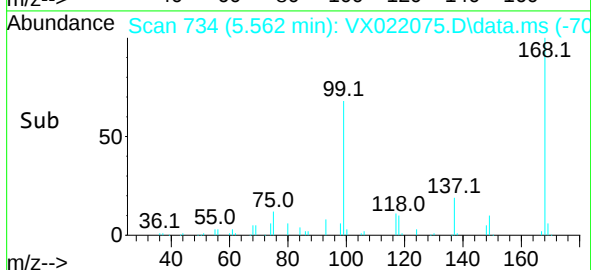
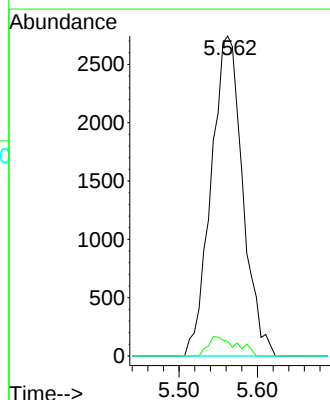
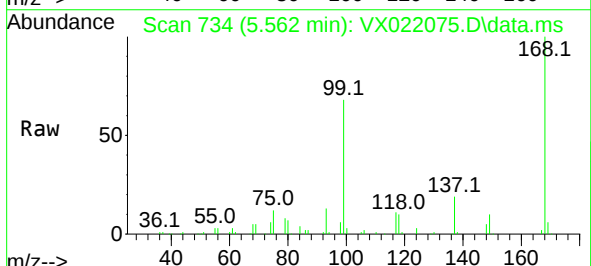
RT: 5.562 min Scan# 734

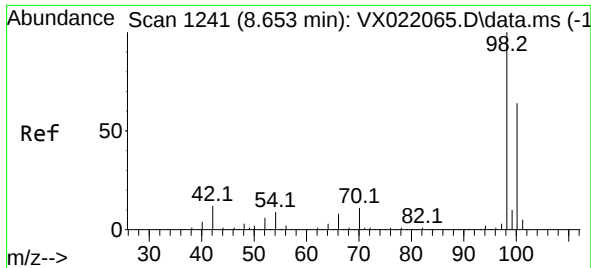
Delta R.T. -0.122 min

Lab File: VX022075.D

Acq: 19 May 2021 01:11

Tgt Ion: 117	Resp: 7683
Ion Ratio	Lower Upper
117	100
119	4.6 74.6 111.8#
121	0.0 23.6 35.4#

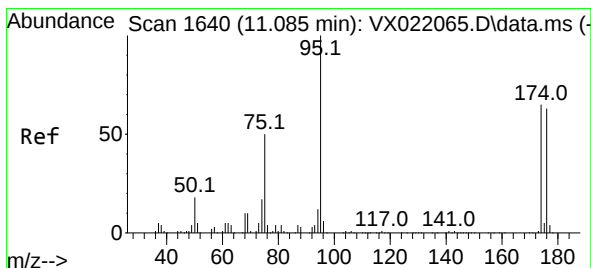
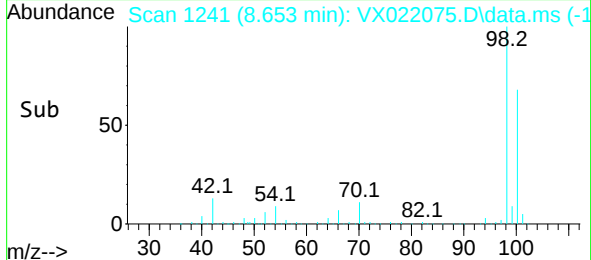
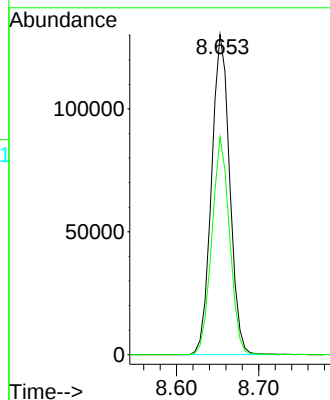
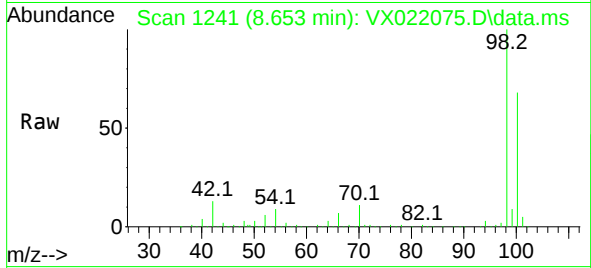




#50
Toluene-d8
Concen: 20.11 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

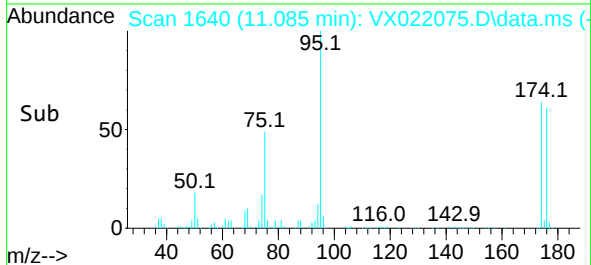
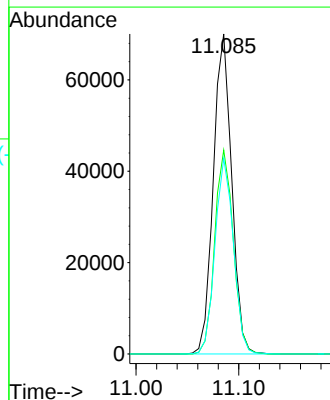
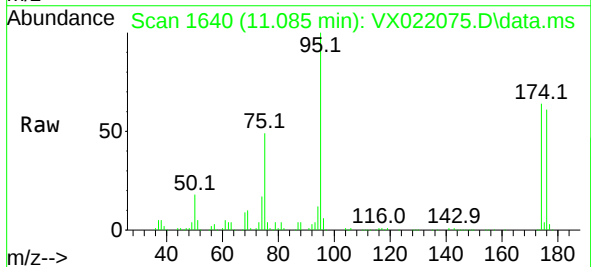
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

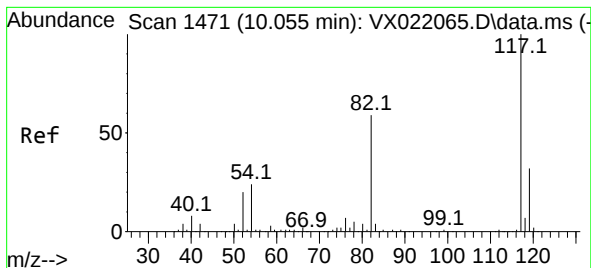
Tgt Ion: 98 Resp: 199959
Ion Ratio Lower Upper
98 100
100 66.5 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 23.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion: 95 Resp: 87053
Ion Ratio Lower Upper
95 100
174 64.2 0.0 128.8
176 61.3 0.0 125.8

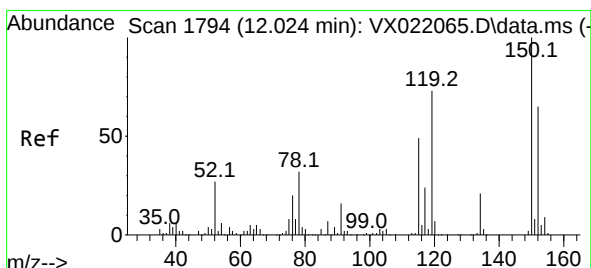
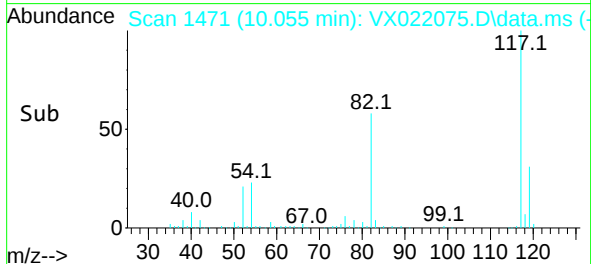
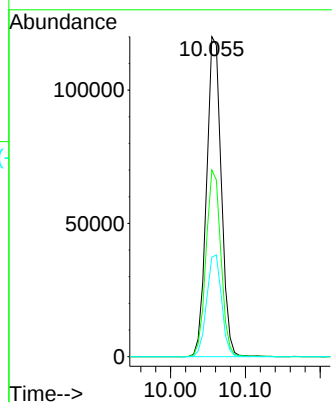
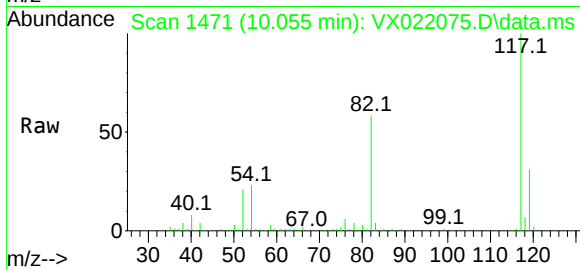




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

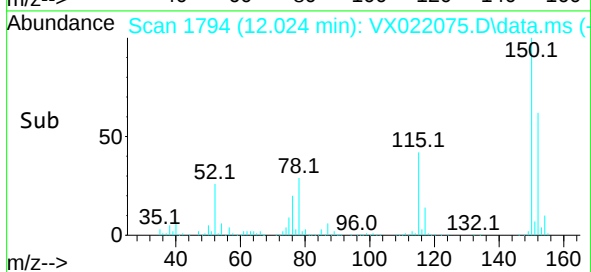
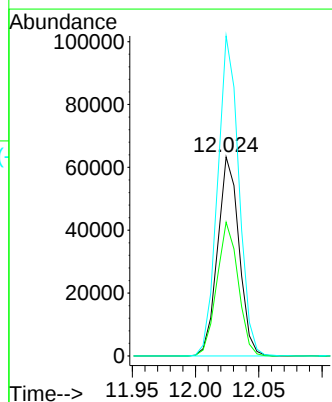
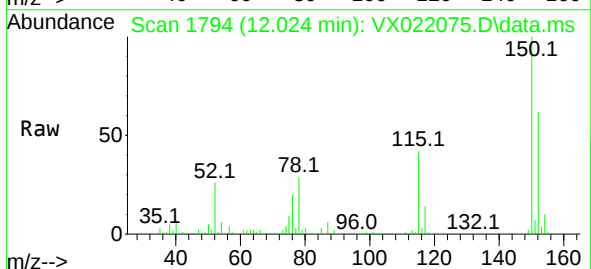
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

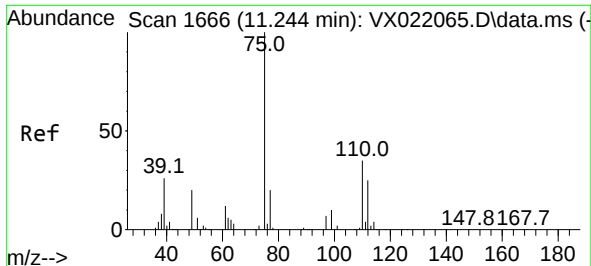
Tgt Ion:117 Resp: 164455
Ion Ratio Lower Upper
117 100
82 58.3 47.6 71.4
119 31.1 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Tgt Ion:152 Resp: 74383
Ion Ratio Lower Upper
152 100
115 67.0 46.4 139.2
150 159.6 0.0 349.8

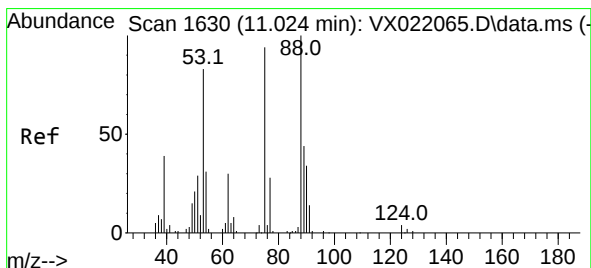
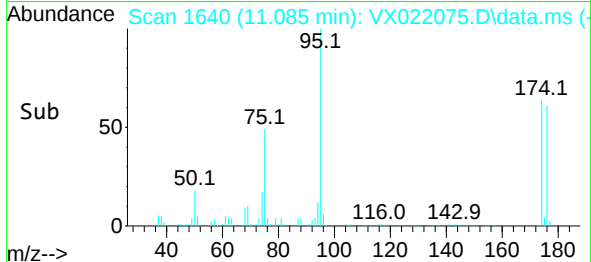
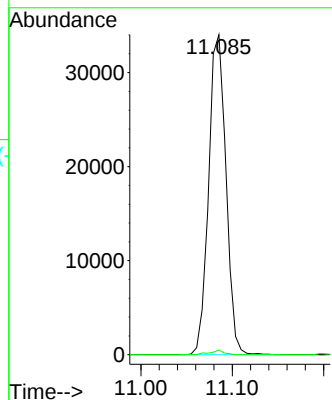
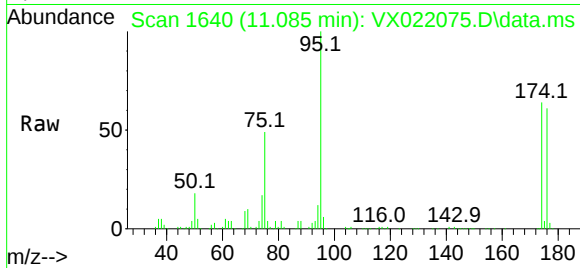




#76
1,2,3-Trichloropropane
Concen: 23.50 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

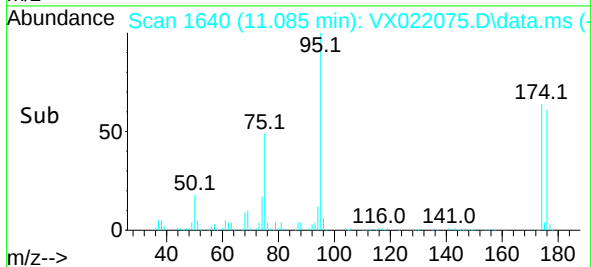
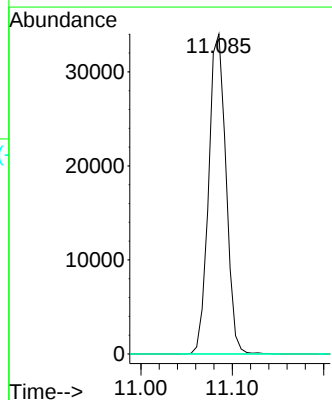
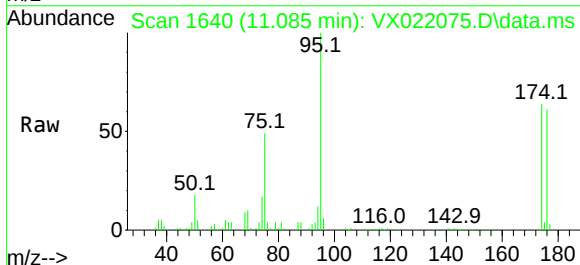
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

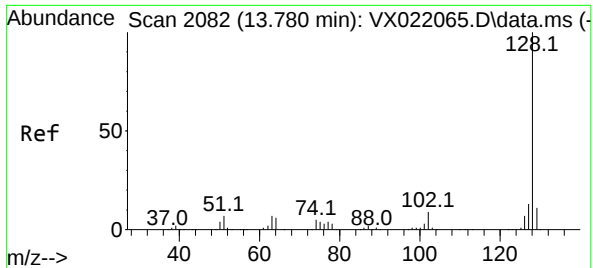
Tgt Ion: 75 Resp: 44705
Ion Ratio Lower Upper
75 100
77 1.1 20.8 62.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 58.96 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

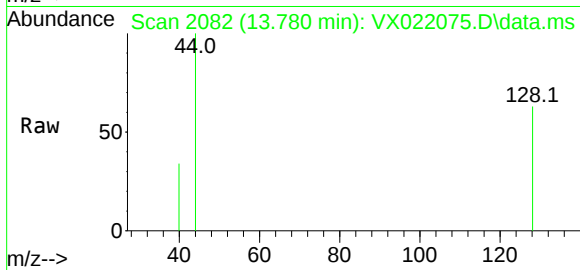
Tgt Ion: 75 Resp: 44705
Ion Ratio Lower Upper
75 100
53 0.0 73.0 109.4#
89 0.0 36.5 54.7#





#95
Naphthalene
Concen: 1.60 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX022075.D
Acq: 19 May 2021 01:11

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4



Tgt Ion:	128	Resp:	275
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.2	15.2#
129	0.0	8.8	13.2#

