

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023551.D
 Acq On : 04 Aug 2021 19:33
 Operator : JC/MD
 Sample : M3251-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

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

Quant Time: Aug 05 06:09:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	166215	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	283245	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	256561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98494	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	111757	53.901	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 107.800%	
35) Dibromofluoromethane	5.397	113	90353	51.019	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.040%	
50) Toluene-d8	8.653	98	339991	52.253	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 104.500%	
62) 4-Bromofluorobenzene	11.085	95	112165	50.696	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.400%	

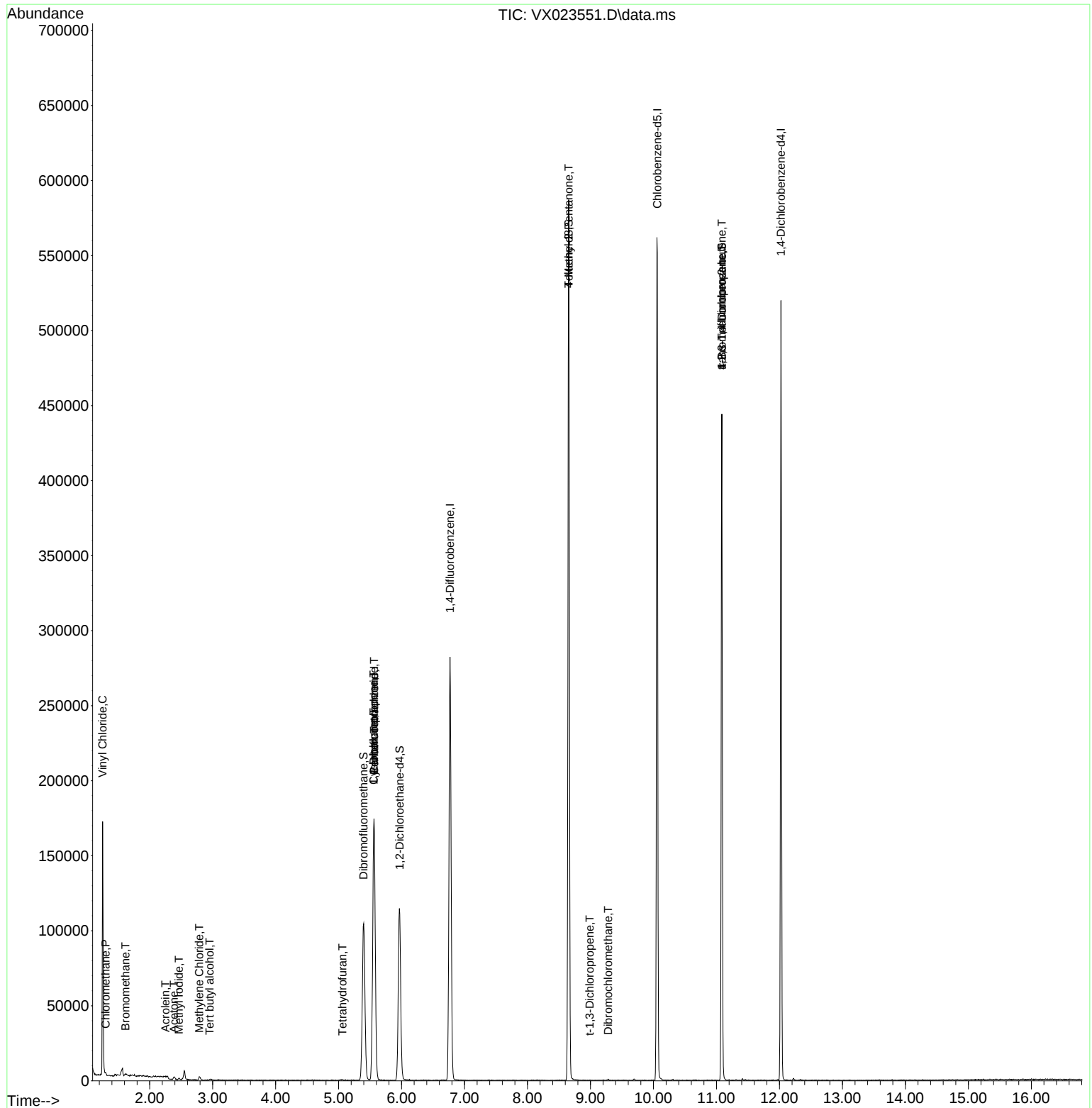
Target Compounds				Qvalue		
3) Chloromethane	1.301	50	731	0.410	ug/l #	83
4) Vinyl Chloride	1.252	62	1193	0.662	ug/l #	62
5) Bromomethane	1.618	94	906	0.846	ug/l #	75
10) Methyl Iodide	2.465	142	1214	0.589	ug/l #	91
11) Tert butyl alcohol	2.953	59	252	0.532	ug/l #	73
13) Acrolein	2.252	56	37	1.517	ug/l #	1
16) Acetone	2.386	43	2027	1.993	ug/l #	85
20) Methylene Chloride	2.788	84	891	0.450	ug/l #	80
29) Tetrahydrofuran	5.062	42	452	0.437	ug/l #	42
31) Cyclohexane	5.556	56	3504	1.141	ug/l #	14
36) 1,1-Dichloropropene	5.556	75	12940	5.050	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16410	6.298	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1703	0.556	ug/l #	1
53) t-1,3-Dichloropropene	8.988	75	53	1.833	ug/l #	44
60) Dibromochloromethane	9.281	129	47	2.004	ug/l #	11
76) 1,2,3-Trichloropropane	11.085	75	57596	26.573	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57596	71.453	ug/l #	12

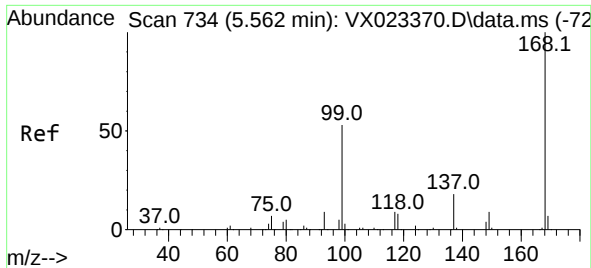
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\  
Data File : VX023551.D  
Acq On    : 04 Aug 2021  19:33  
Operator  : JC/MD  
Sample    : M3251-02  
Misc      : 5.0mL/MSVOA_X/WATER  
ALS Vial  : 9    Sample Multiplier: 1
```

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

Quant Time: Aug 05 06:09:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 06:05:38 2021
Response via : Initial Calibration

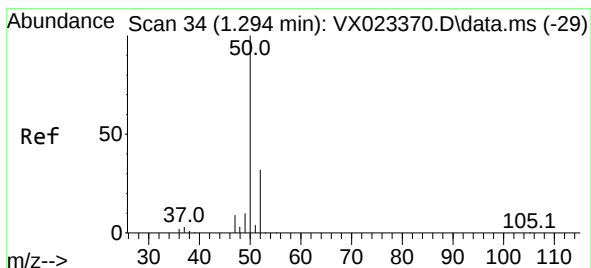
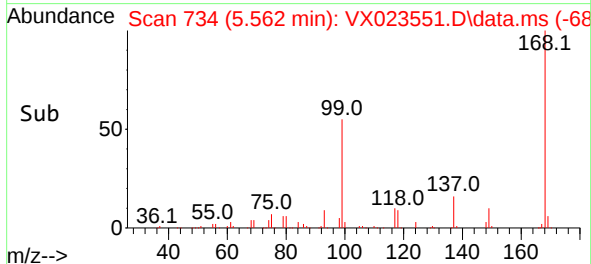
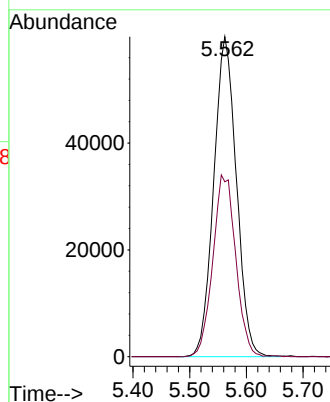
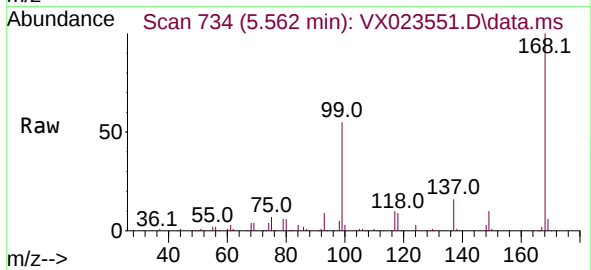




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

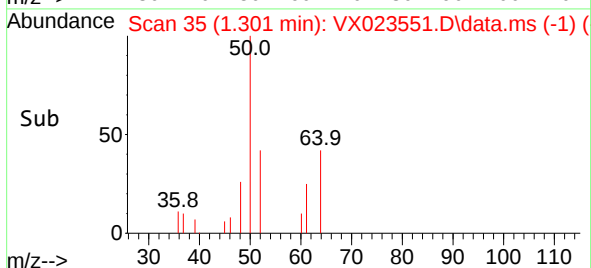
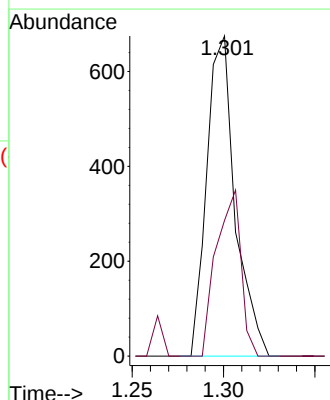
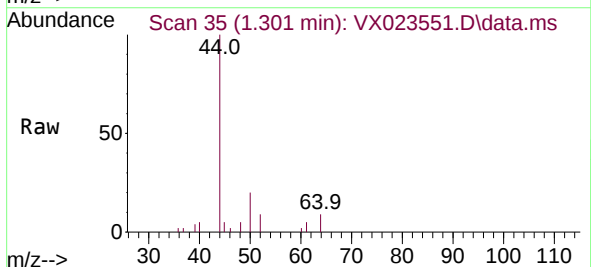
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

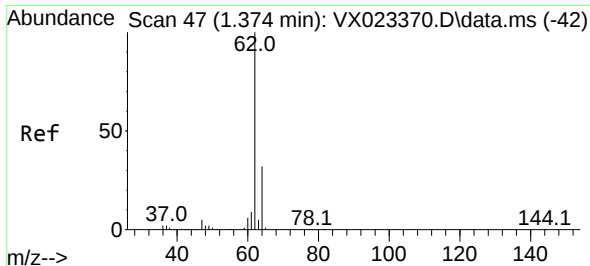
Tgt Ion:168 Resp: 166215
Ion Ratio Lower Upper
168 100
99 54.7 45.8 68.6



#3
Chloromethane
Concen: 0.410 ug/l
RT: 1.301 min Scan# 35
Delta R.T. 0.007 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 50 Resp: 731
Ion Ratio Lower Upper
50 100
52 42.4 26.4 39.6#

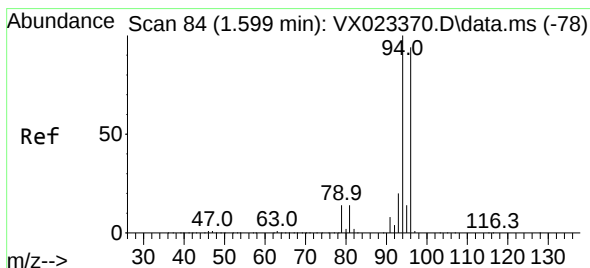
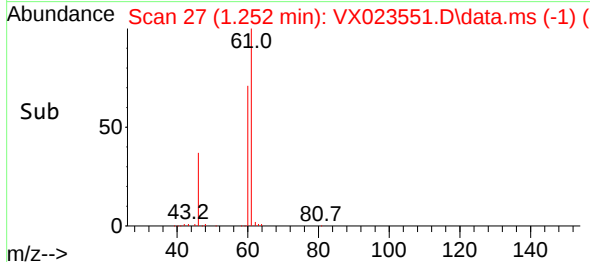
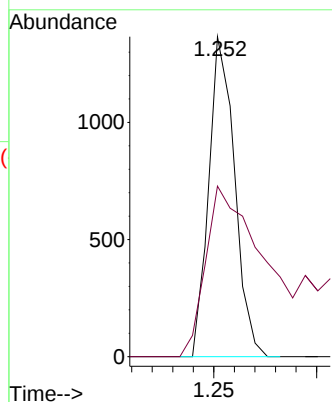
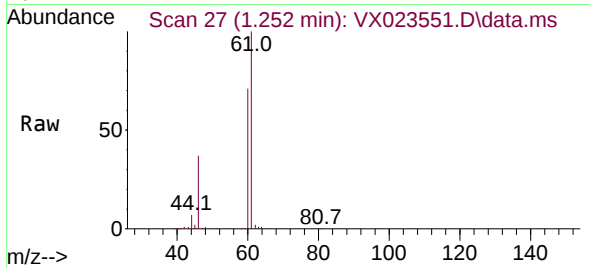




#4
 Vinyl Chloride
 Concen: 0.662 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023551.D
 Acq: 04 Aug 2021 19:33

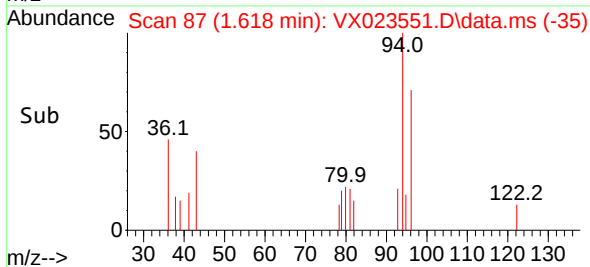
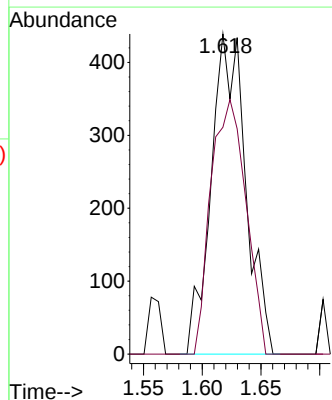
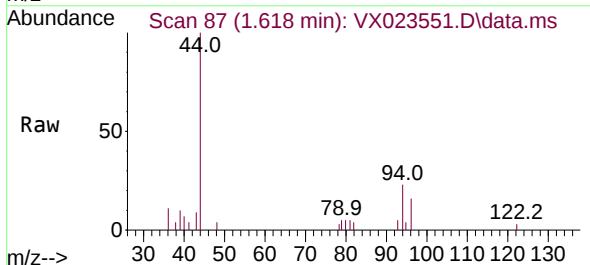
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

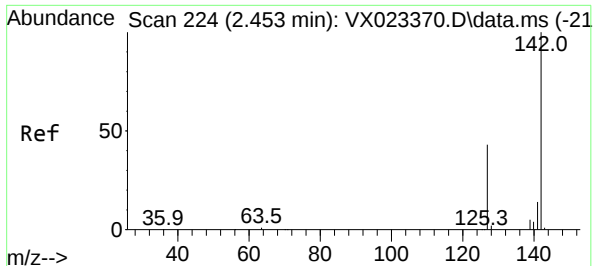
Tgt Ion: 62 Resp: 1193
 Ion Ratio Lower Upper
 62 100
 64 53.3 25.7 38.5#



#5
 Bromomethane
 Concen: 0.846 ug/l
 RT: 1.618 min Scan# 87
 Delta R.T. 0.019 min
 Lab File: VX023551.D
 Acq: 04 Aug 2021 19:33

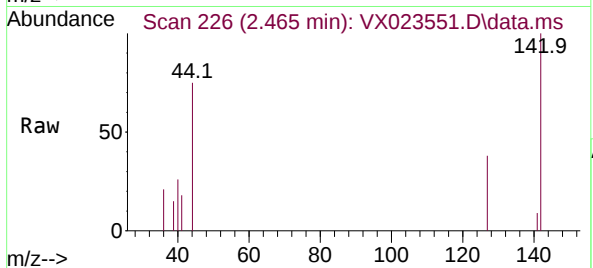
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 Ion Ratio Lower Upper
 94 100
 96 70.8 76.4 114.6#



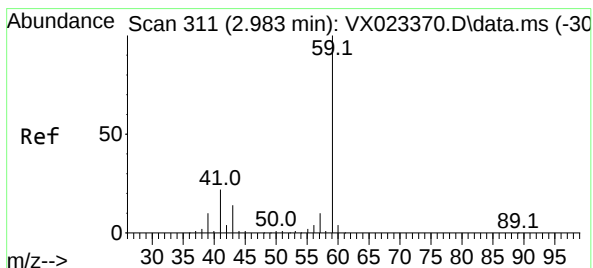
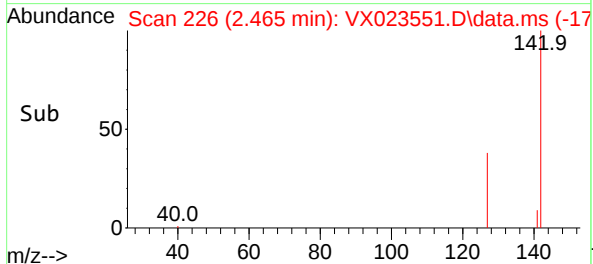
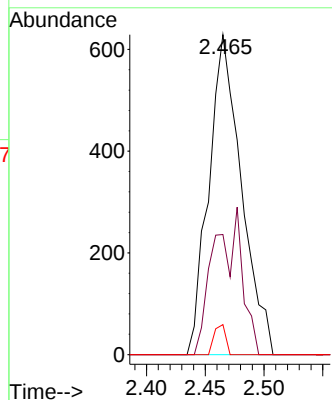


#10
Methyl Iodide
Concen: 0.589 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

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

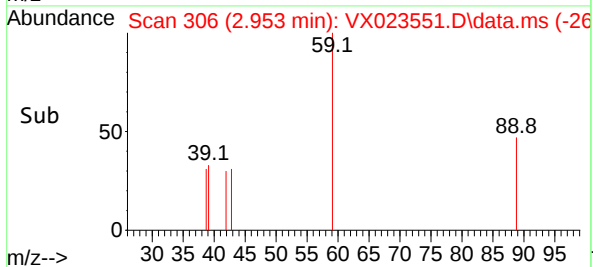
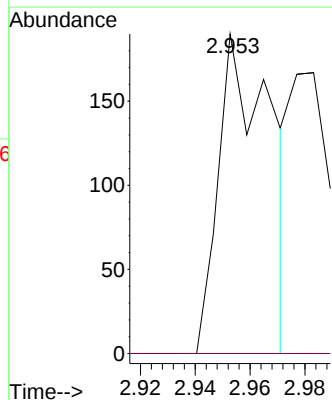
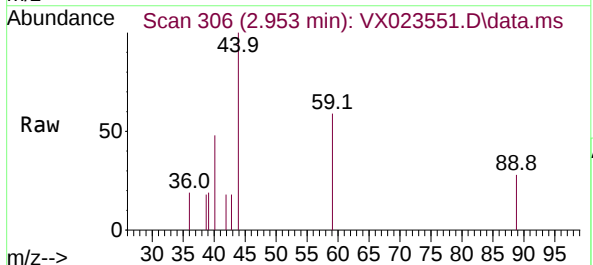


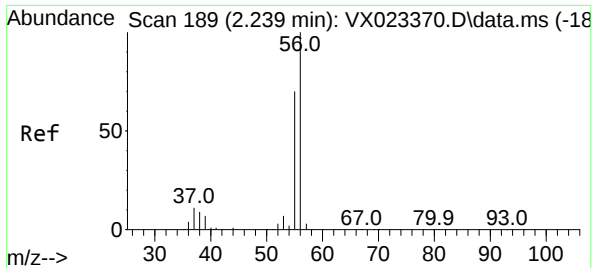
Tgt Ion:142 Resp: 1214
Ion Ratio Lower Upper
142 100
127 39.5 33.3 49.9
141 3.3 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.532 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 59 Resp: 252
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

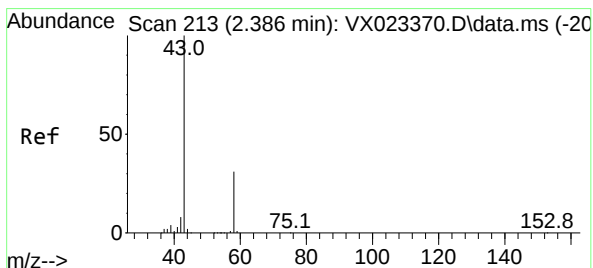
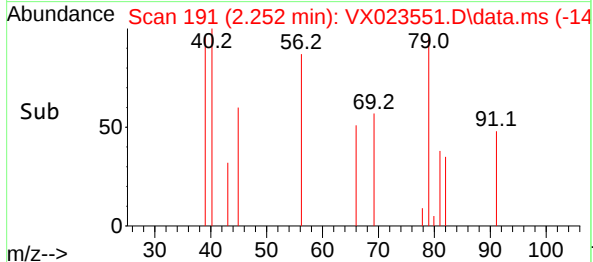
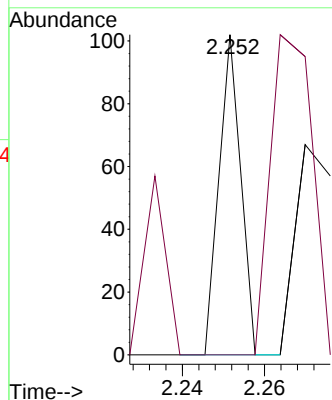
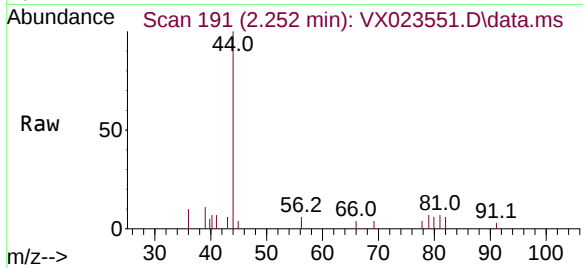




#13
Acrolein
Concen: 1.517 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

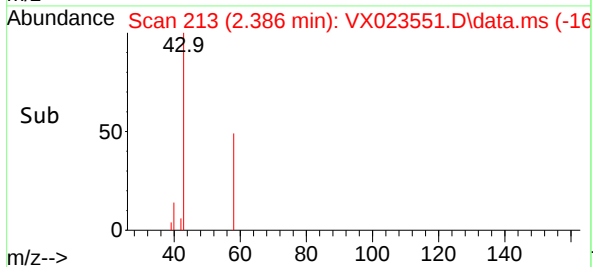
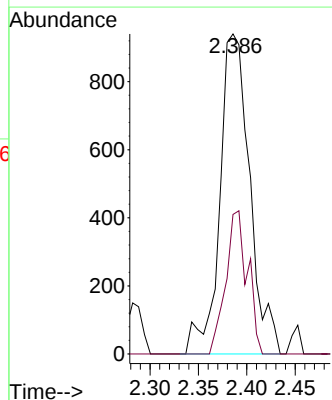
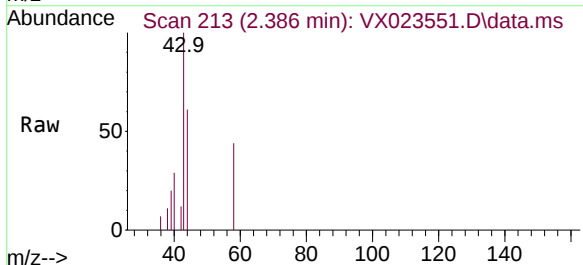
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

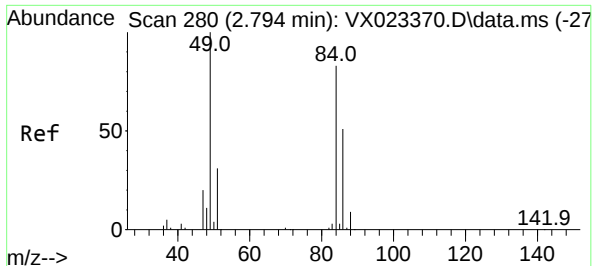
Tgt Ion: 56 Resp: 37
Ion Ratio Lower Upper
56 100
55 194.6 56.4 84.6#



#16
Acetone
Concen: 1.993 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 43 Resp: 2027
Ion Ratio Lower Upper
43 100
58 43.6 27.8 41.8#

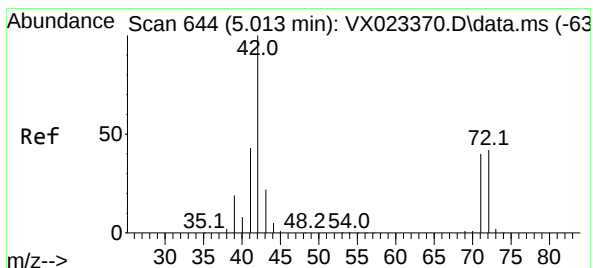
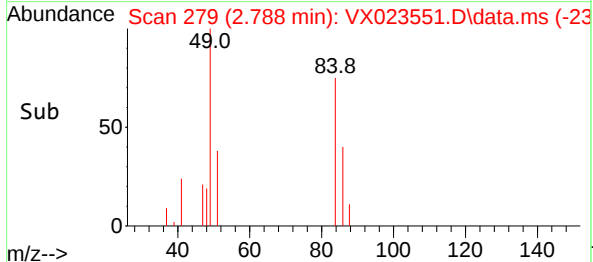
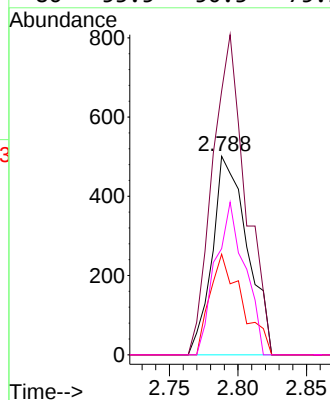
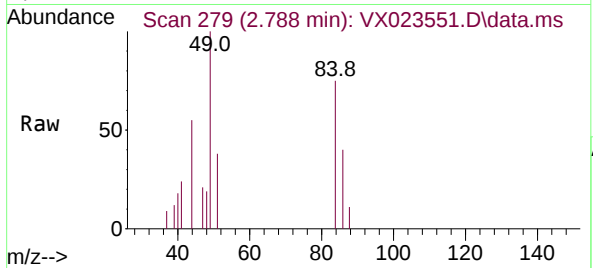




#20
Methylene Chloride
Concen: 0.450 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.006 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

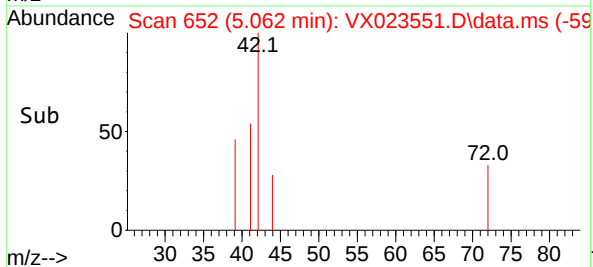
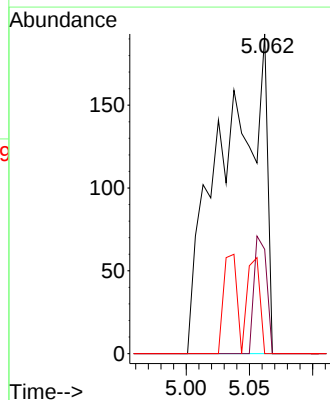
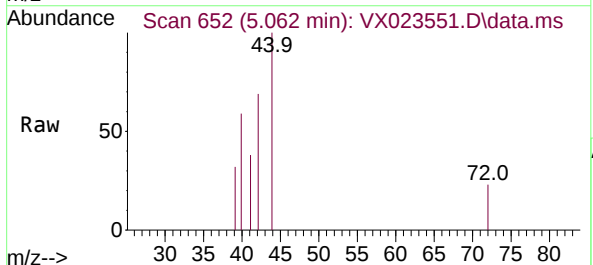
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

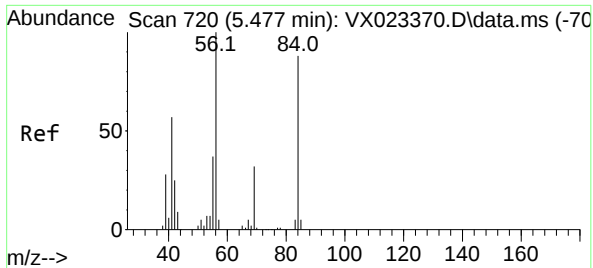
Tgt Ion:	84	Resp:	891
Ion	Ratio	Lower	Upper
84	100		
49	132.9	88.6	132.8#
51	50.7	27.0	40.6#
86	53.5	50.3	75.5



#29
Tetrahydrofuran
Concen: 0.437 ug/l
RT: 5.062 min Scan# 652
Delta R.T. 0.049 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion:	42	Resp:	452
Ion	Ratio	Lower	Upper
42	100		
72	10.8	41.7	62.5#
71	9.1	38.4	57.6#

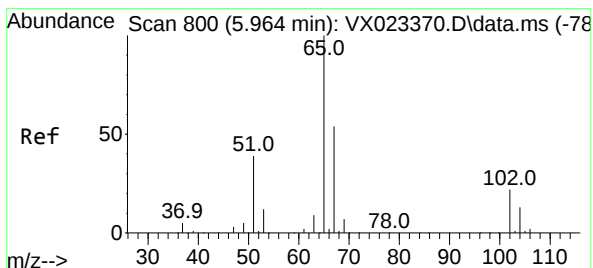
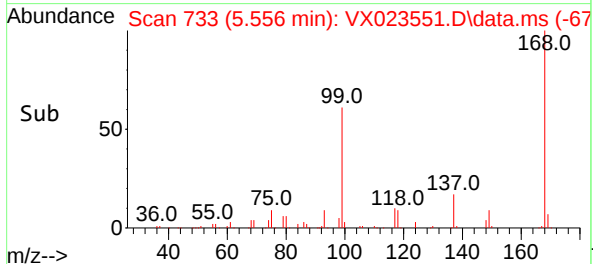
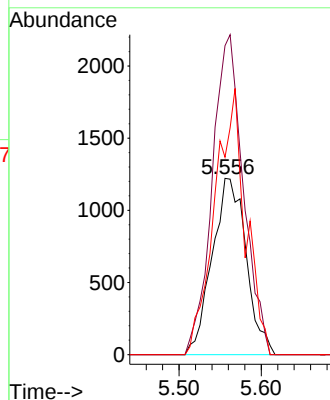
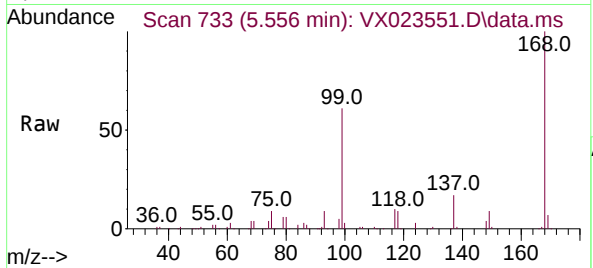




#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

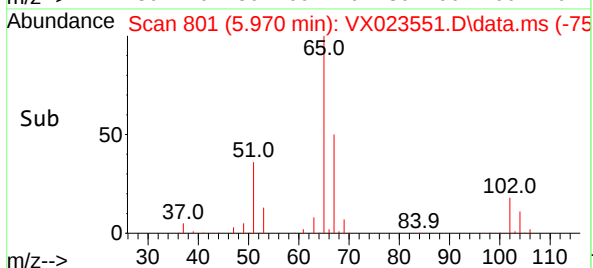
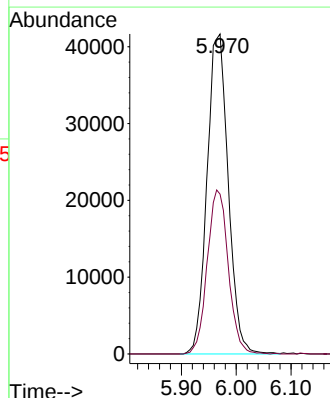
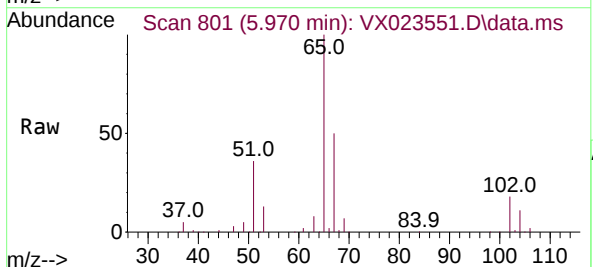
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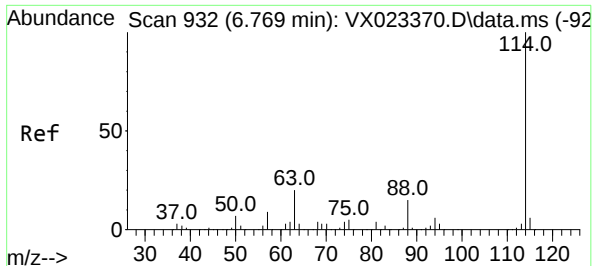
Tgt Ion: 56 Resp: 3504
Ion Ratio Lower Upper
56 100
69 175.3 25.3 37.9#
84 112.0 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 53.901 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 65 Resp: 111757
Ion Ratio Lower Upper
65 100
67 50.9 0.0 105.4

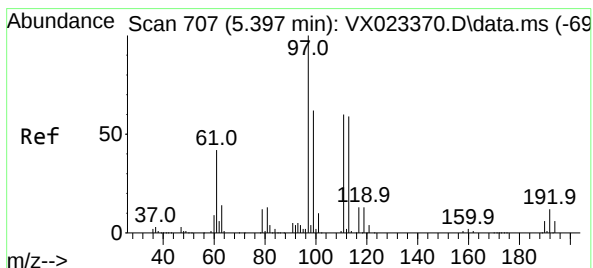
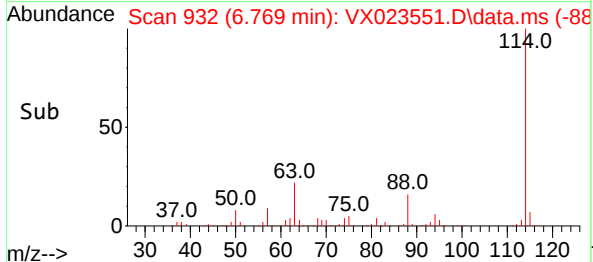
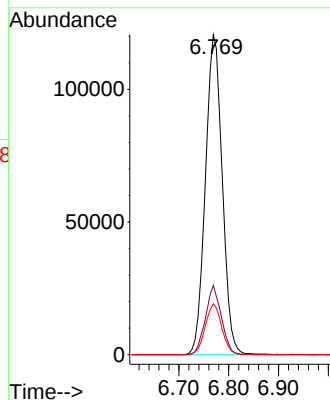
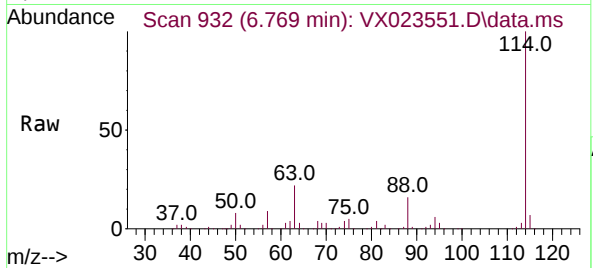




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

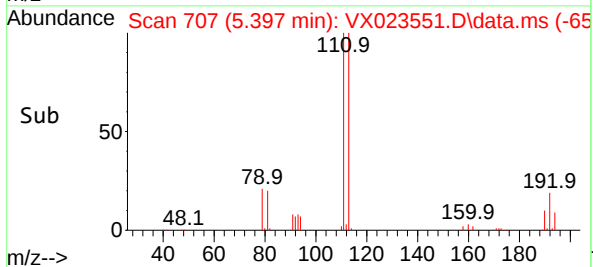
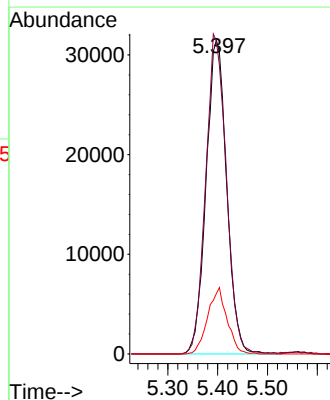
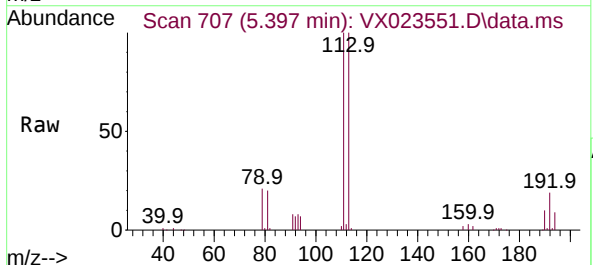
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

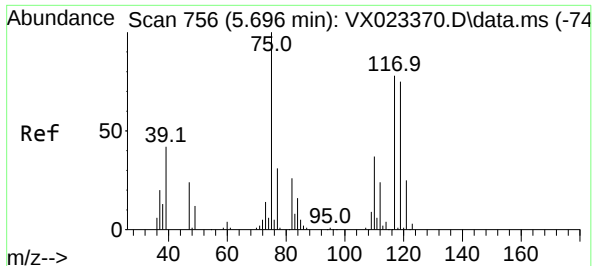
Tgt Ion:	114	Resp:	283245
Ion Ratio	Lower	Upper	
114	100		
63	21.7	0.0	40.8
88	16.0	0.0	32.8



#35
Dibromofluoromethane
Concen: 51.019 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion:	113	Resp:	90353
Ion Ratio	Lower	Upper	
113	100		
111	101.8	81.9	122.9
192	19.9	16.7	25.1

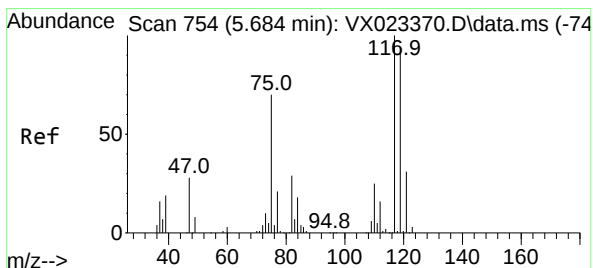
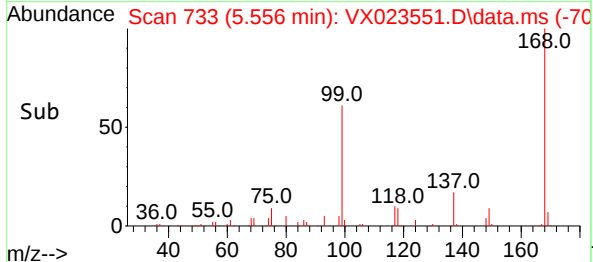
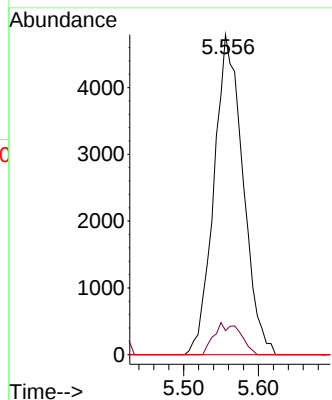
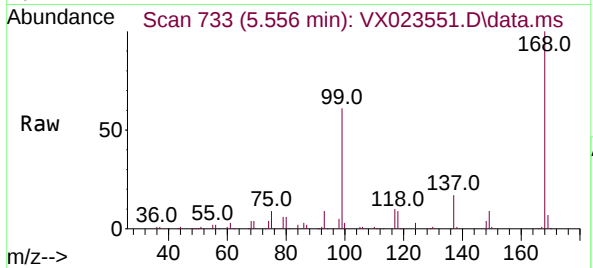




#36
1,1-Dichloropropene
Concen: 5.050 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

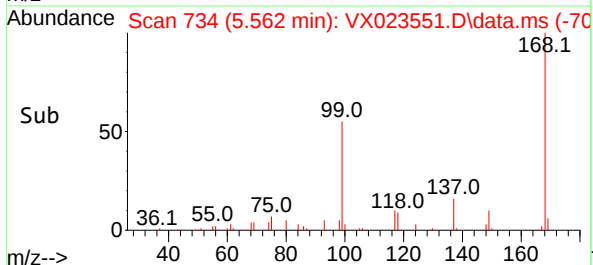
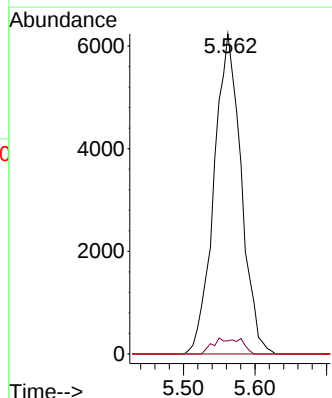
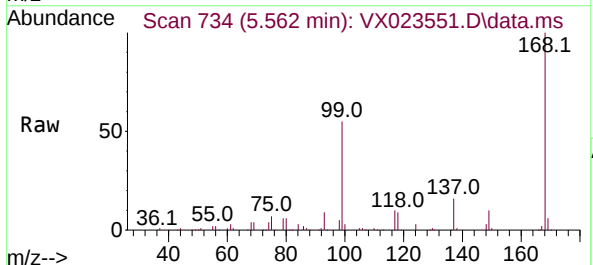
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

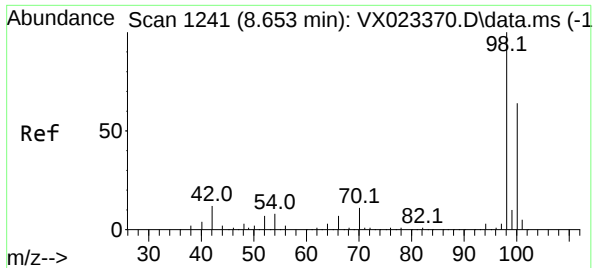
Tgt Ion: 75 Resp: 12940
Ion Ratio Lower Upper
75 100
110 9.0 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.298 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 117 Resp: 16410
Ion Ratio Lower Upper
117 100
119 4.1 76.2 114.2#
121 0.0 24.8 37.2#

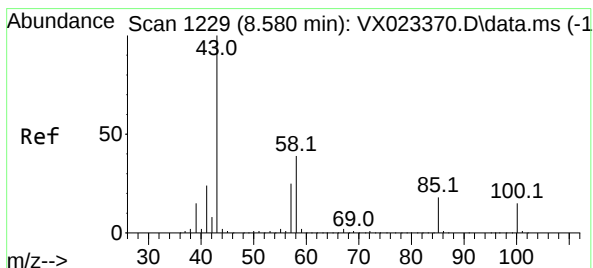
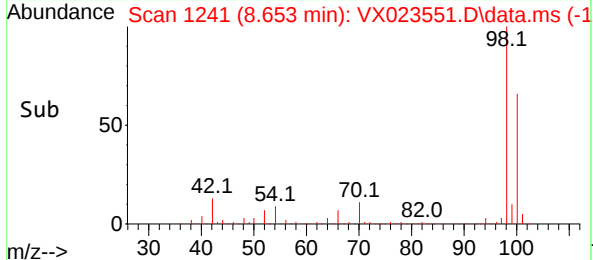
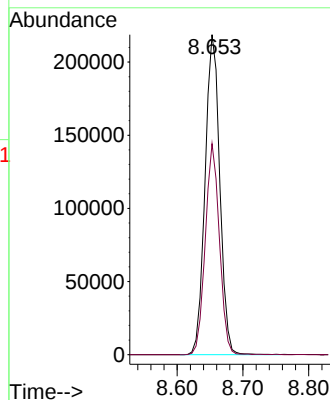
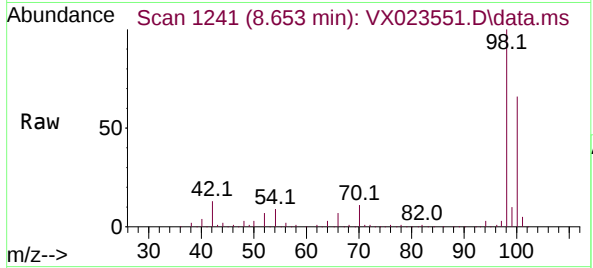




#50
Toluene-d8
Concen: 52.253 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

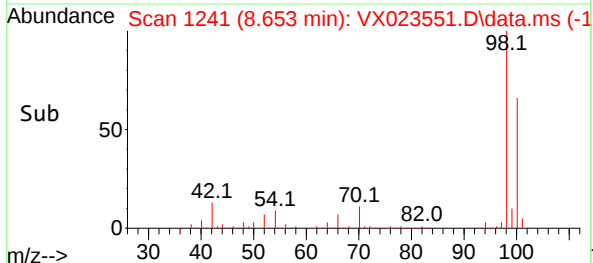
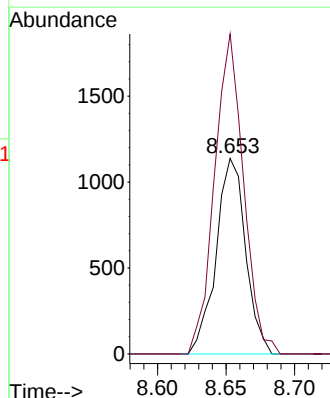
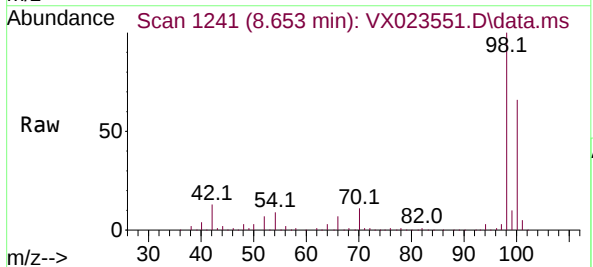
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

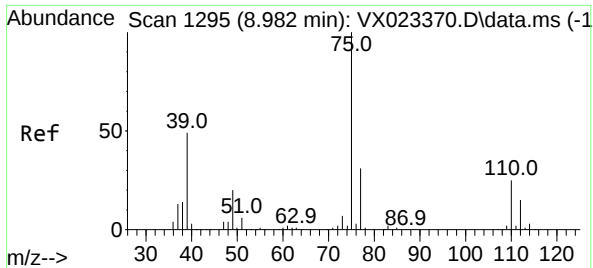
Tgt Ion: 98 Resp: 339991
Ion Ratio Lower Upper
98 100
100 63.4 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 0.556 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 43 Resp: 1703
Ion Ratio Lower Upper
43 100
58 160.8 35.4 53.0#

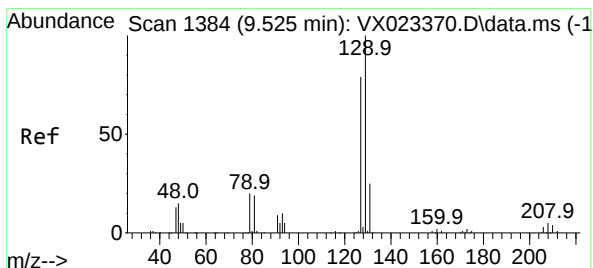
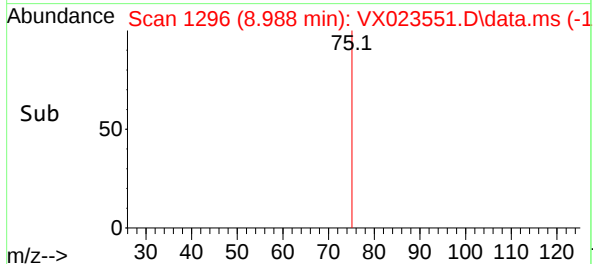
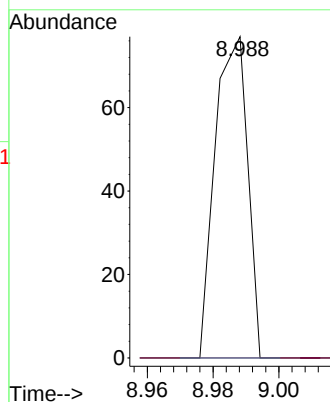
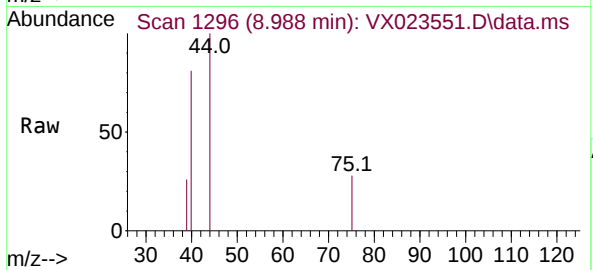




#53
t-1,3-Dichloropropene
Concen: 1.833 ug/l
RT: 8.988 min Scan# 1296
Delta R.T. 0.006 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

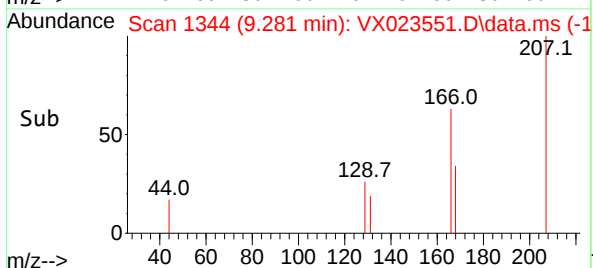
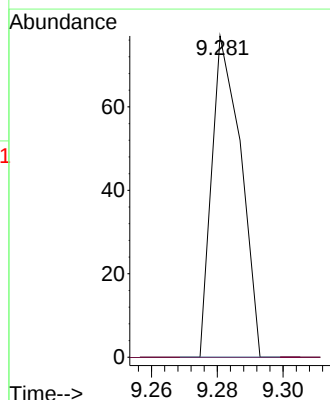
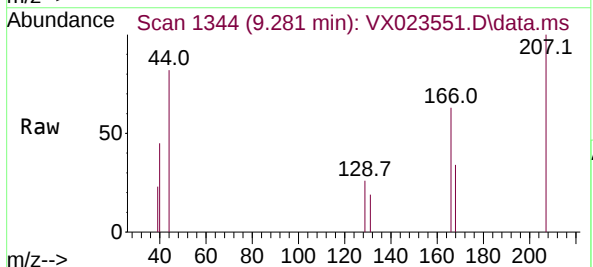
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

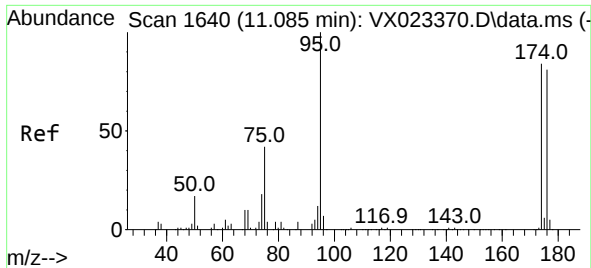
Tgt Ion: 75 Resp: 53
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#



#60
Dibromochloromethane
Concen: 2.004 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 129 Resp: 47
Ion Ratio Lower Upper
129 100
127 0.0 38.4 115.2#

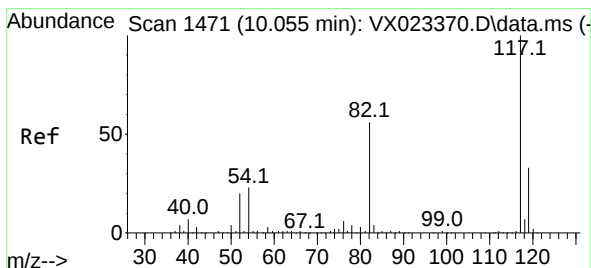
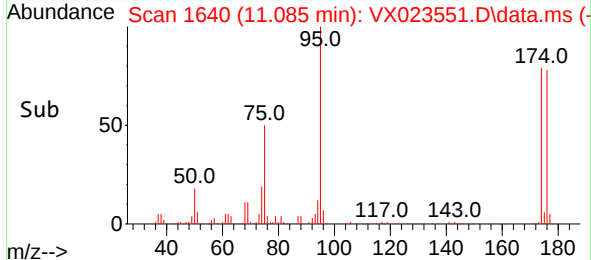
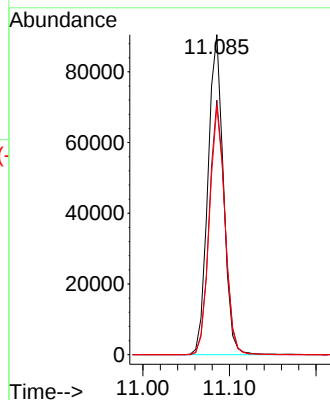
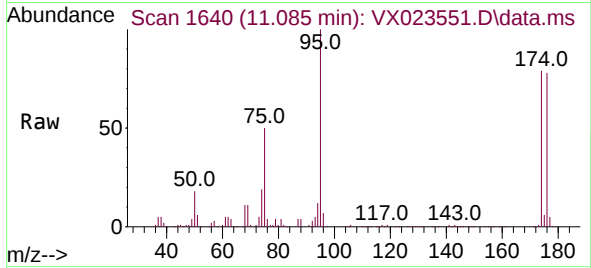




#62
4-Bromofluorobenzene
Concen: 50.696 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

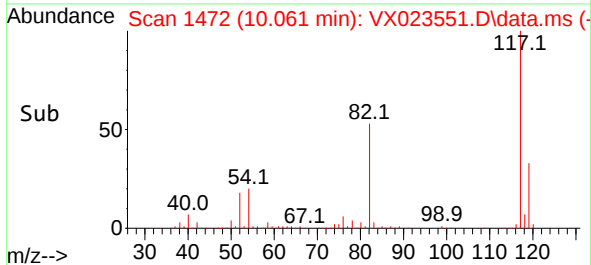
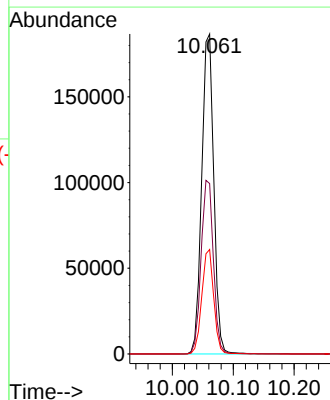
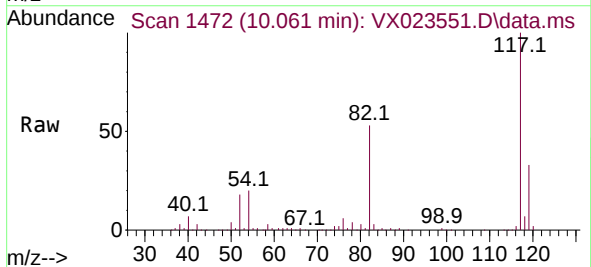
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

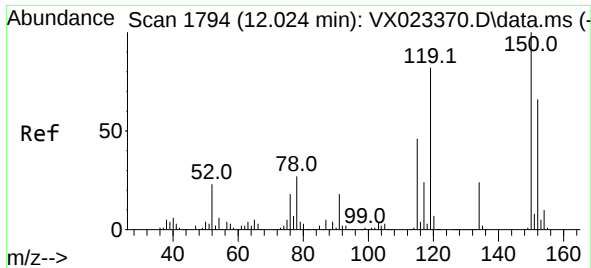
Tgt Ion: 95 Resp: 112165
Ion Ratio Lower Upper
95 100
174 79.6 0.0 154.6
176 77.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

Tgt Ion: 117 Resp: 256561
Ion Ratio Lower Upper
117 100
82 53.3 47.4 71.2
119 32.7 26.6 39.8

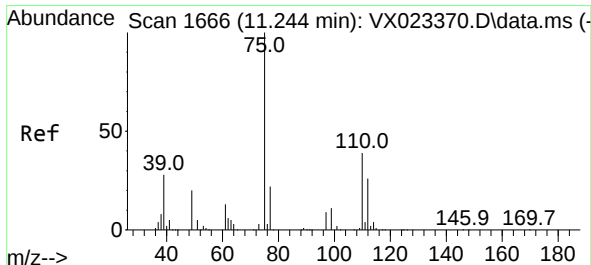
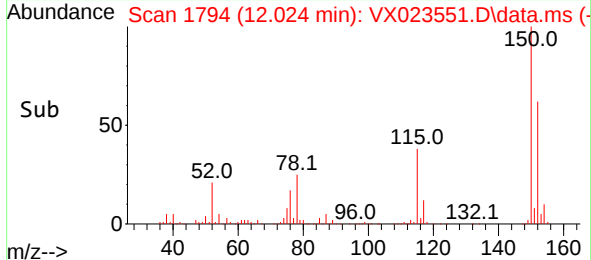
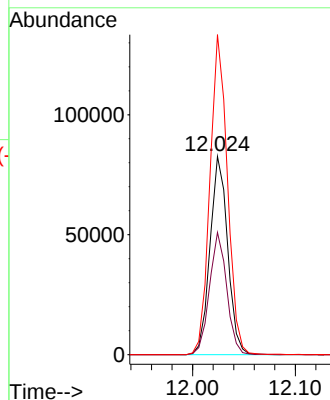
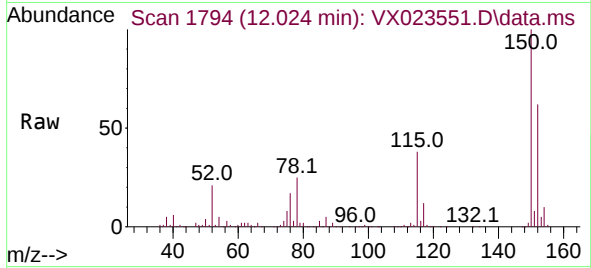




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

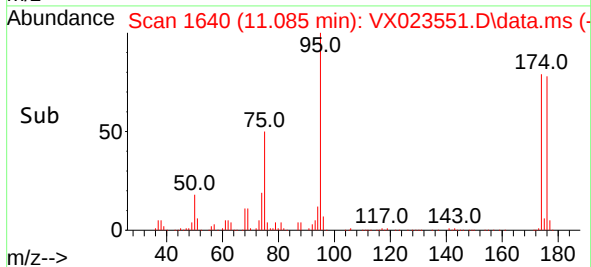
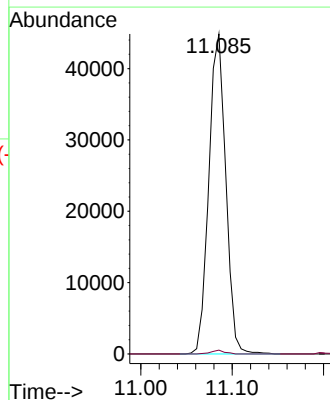
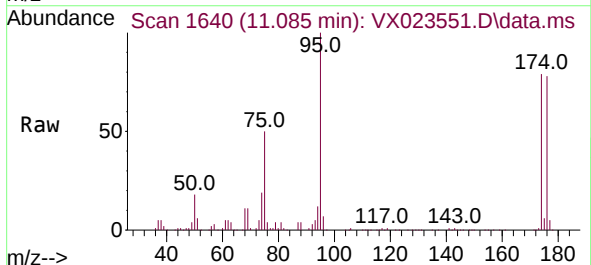
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

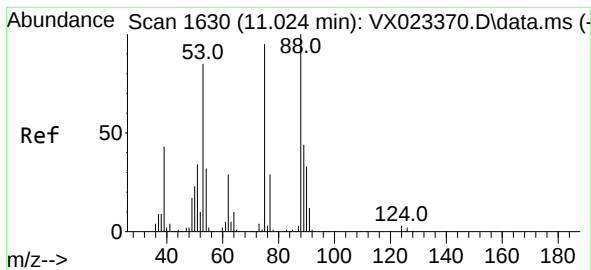
Tgt Ion:152 Resp: 98494
Ion Ratio Lower Upper
152 100
115 60.5 41.1 123.3
150 160.1 0.0 349.0



#76
1,2,3-Trichloropropane
Concen: 26.573 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023551.D
Acq: 04 Aug 2021 19:33

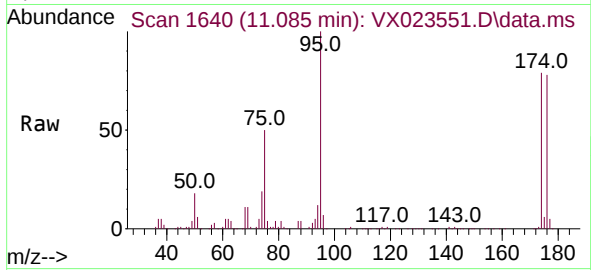
Tgt Ion: 75 Resp: 57596
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.453 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX023551.D
 Acq: 04 Aug 2021 19:33

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



Tgt Ion: 75 Resp: 57596
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

