

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
 Data File : VX023120.D
 Acq On : 02 Jul 2021 20:16
 Operator : JC/MD
 Sample : M2924-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jul 05 02:57:54 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 02 14:29:42 2021
 Response via : Initial Calibration

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

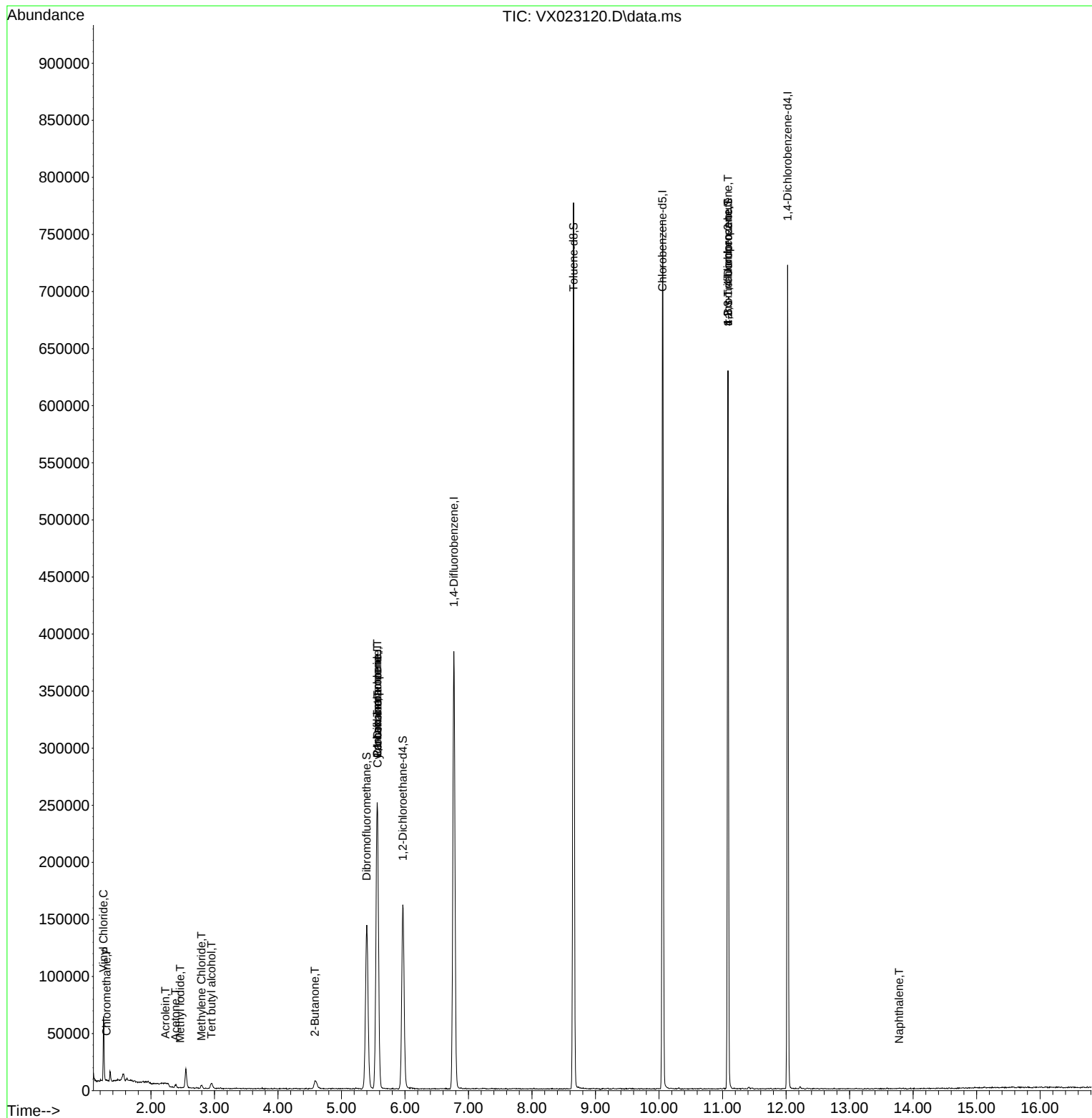
Internal Standards						
1) Pentafluorobenzene	5.562	168	229740	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	379662	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139641	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	161352	52.256	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.520%			
35) Dibromofluoromethane	5.397	113	119913	48.910	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.820%			
50) Toluene-d8	8.653	98	452898	49.522	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 99.040%			
62) 4-Bromofluorobenzene	11.085	95	163522	46.315	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.640%			
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	509	0.247	ug/l	94
4) Vinyl Chloride	1.252	62	510	0.234	ug/l #	43
5) Bromomethane	1.624	94	1283	Below Cal	#	51
10) Methyl Iodide	2.459	142	638	0.234	ug/l #	92
11) Tert butyl alcohol	2.953	59	2980	4.588	ug/l #	75
13) Acrolein	2.227	56	338	0.781	ug/l #	14
16) Acetone	2.386	43	2561	2.096	ug/l	91
20) Methylene Chloride	2.794	84	1218	0.463	ug/l #	78
25) 2-Butanone	4.580	43	380	0.206	ug/l #	45
31) Cyclohexane	5.568	56	5514	1.491	ug/l #	24
36) 1,1-Dichloropropene	5.562	75	18542	5.478	ug/l #	49
38) Carbon Tetrachloride	5.562	117	24350	6.892	ug/l #	17
76) 1,2,3-Trichloropropane	11.085	75	85698	30.497	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	85698	81.806	ug/l #	12
95) Naphthalene	13.780	128	403	1.313	ug/l #	69

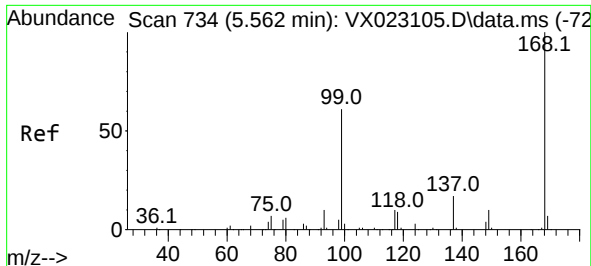
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070221\
Data File : VX023120.D
Acq On : 02 Jul 2021 20:16
Operator : JC/MD
Sample : M2924-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 22 Sample Multiplier: 1

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

Quant Time: Jul 05 02:57:54 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070221W.M
Quant Title : SW846 8260
QLast Update : Fri Jul 02 14:29:42 2021
Response via : Initial Calibration

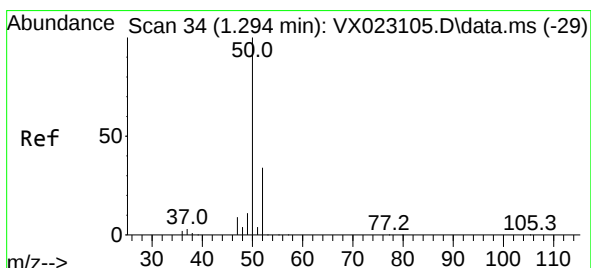
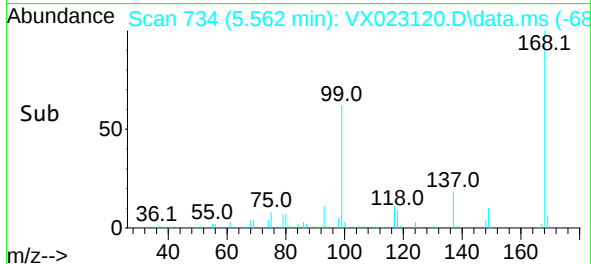
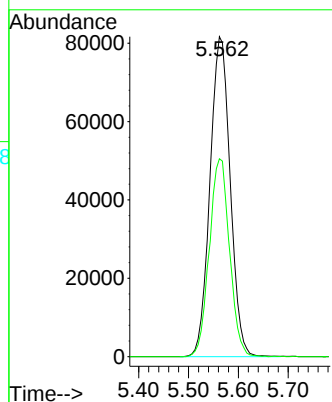
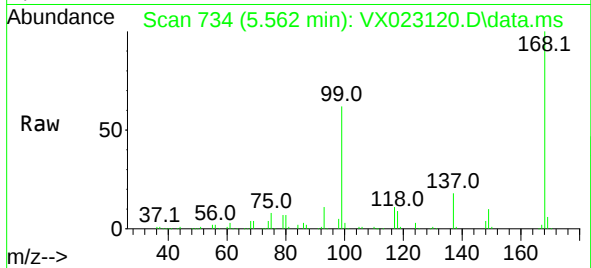




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

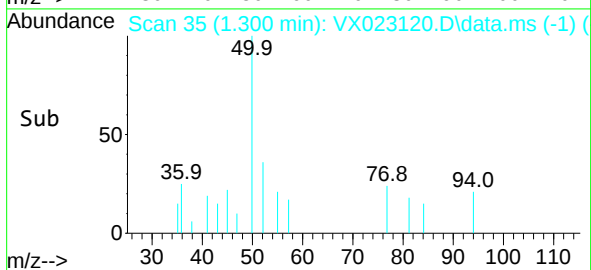
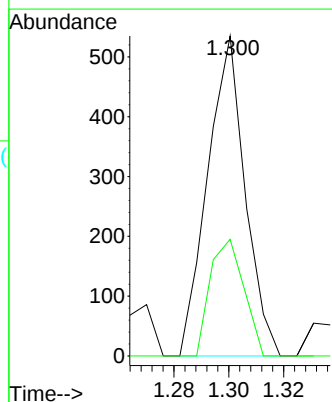
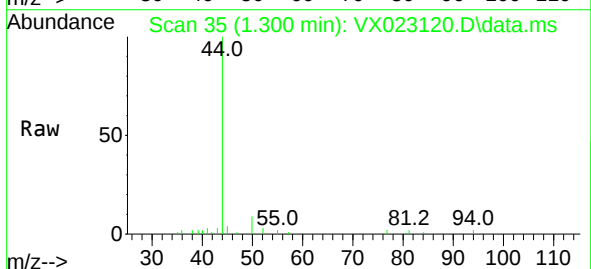
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

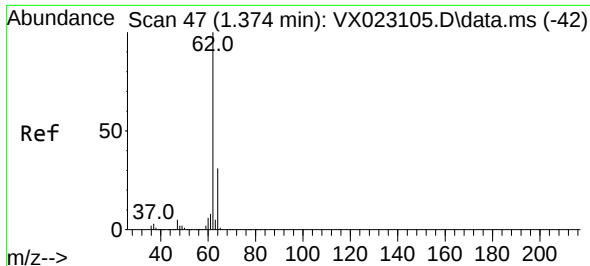
Tgt Ion:168 Resp: 229740
Ion Ratio Lower Upper
168 100
99 61.9 45.8 68.6



#3
Chloromethane
Concen: 0.247 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 50 Resp: 509
Ion Ratio Lower Upper
50 100
52 36.4 26.4 39.6

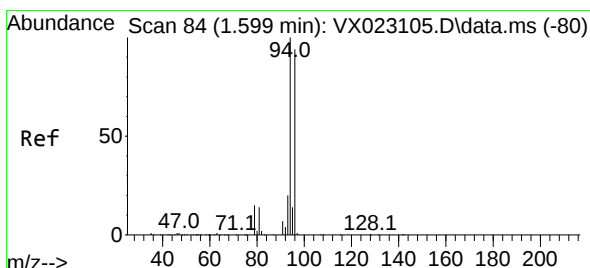
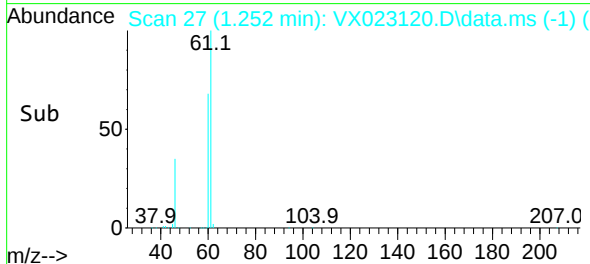
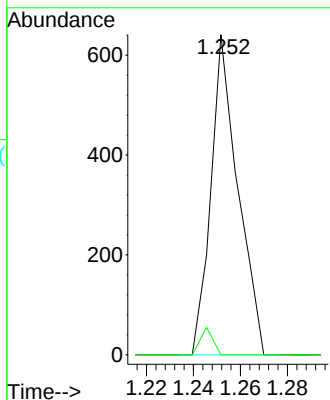
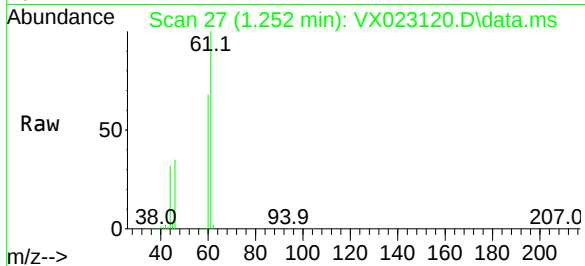




#4
 Vinyl Chloride
 Concen: 0.234 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023120.D
 Acq: 02 Jul 2021 20:16

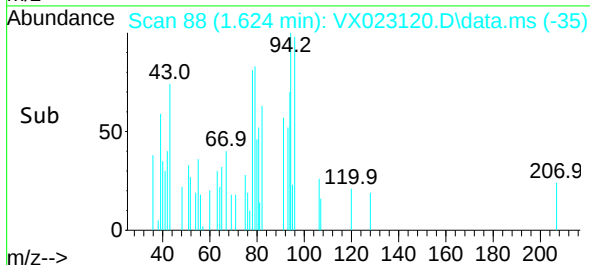
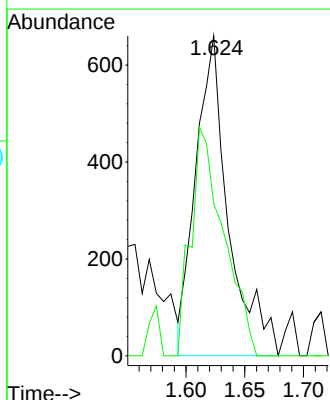
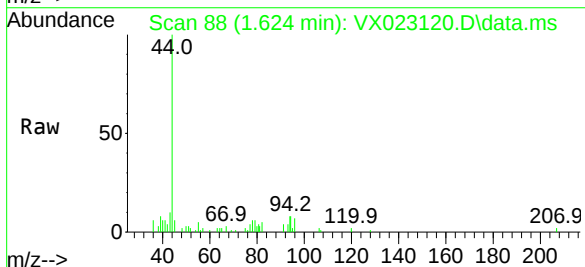
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

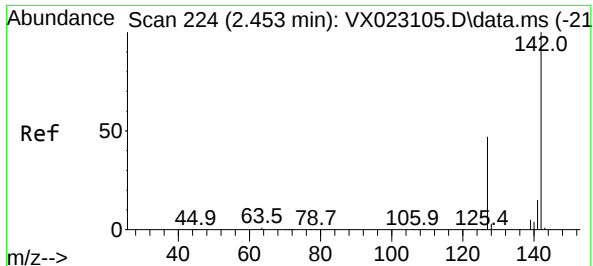
Tgt Ion: 62 Resp: 510
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.7 38.5#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX023120.D
 Acq: 02 Jul 2021 20:16

Tgt Ion: 94 Resp: 1283
 Ion Ratio Lower Upper
 94 100
 96 47.6 76.4 114.6#

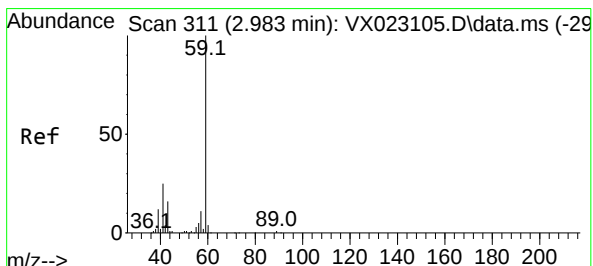
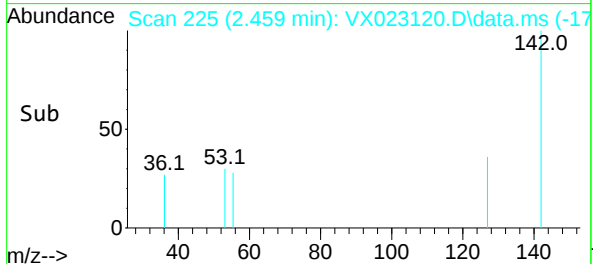
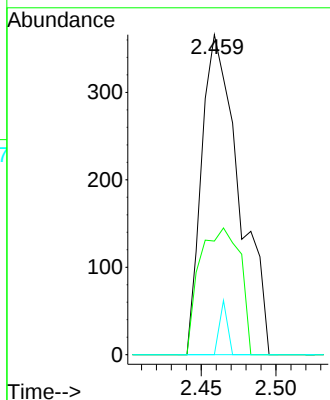
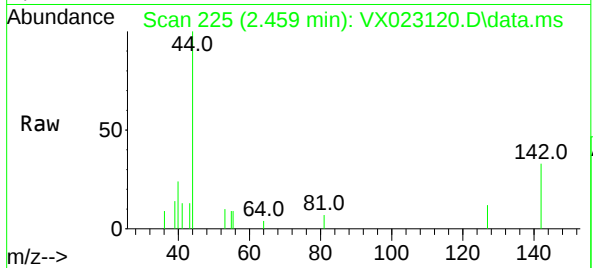




#10
Methyl Iodide
Concen: 0.234 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

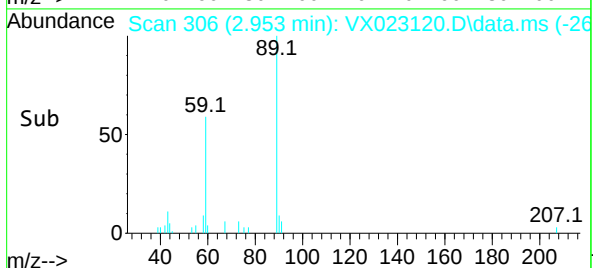
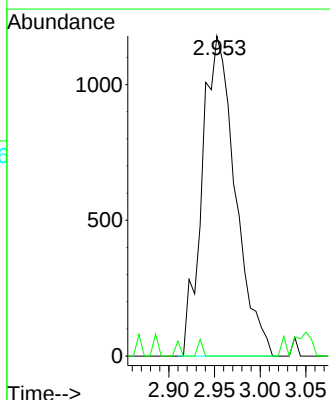
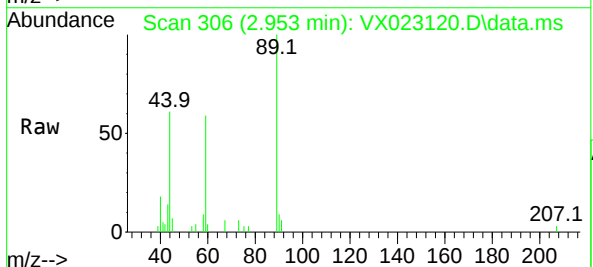
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

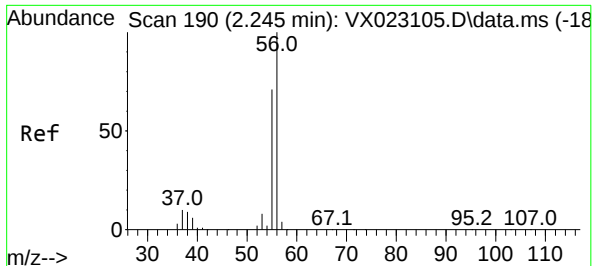
Tgt Ion:142 Resp: 638
Ion Ratio Lower Upper
142 100
127 42.6 33.3 49.9
141 3.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 4.588 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 59 Resp: 2980
Ion Ratio Lower Upper
59 100
57 0.7 7.8 11.8#

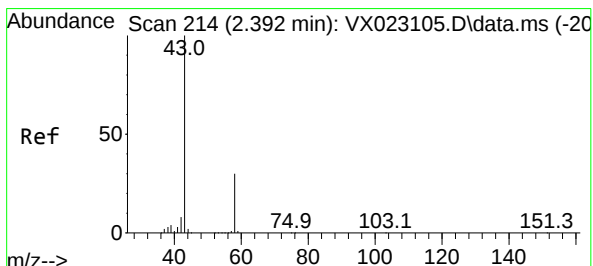
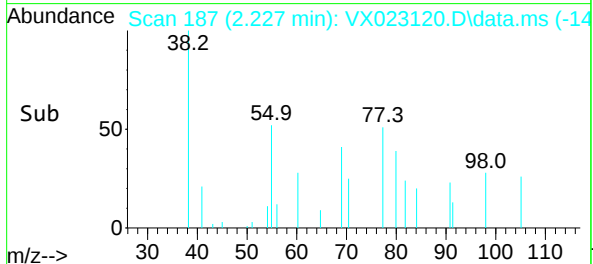
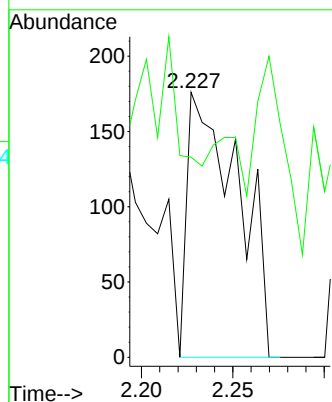
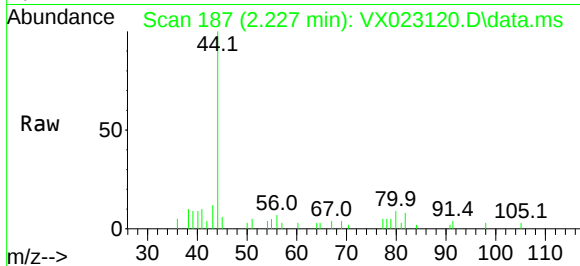




#13
Acrolein
Concen: 0.781 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.018 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

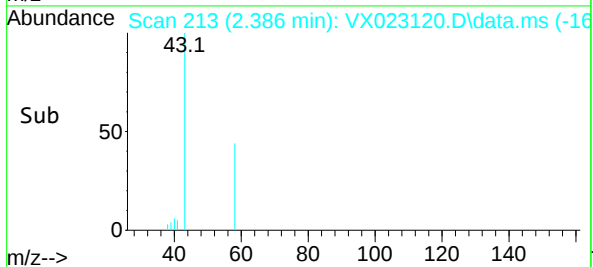
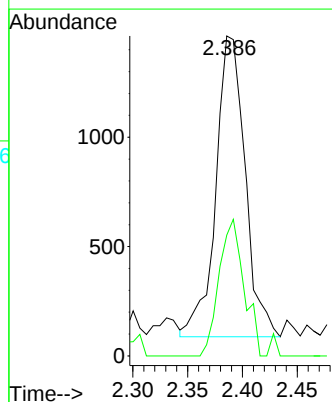
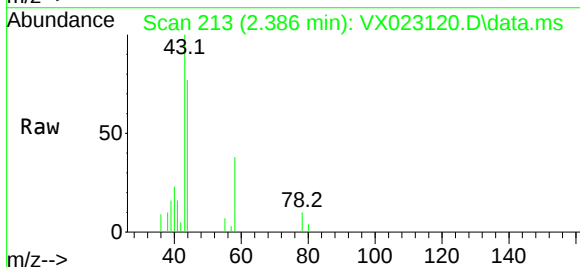
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

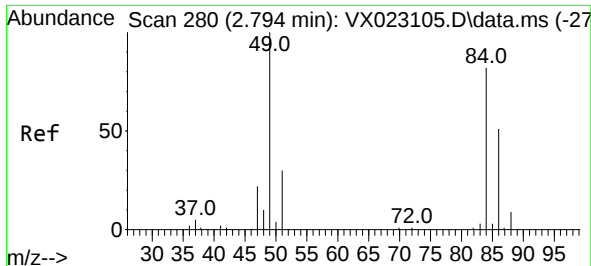
Tgt Ion: 56 Resp: 338
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 2.096 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 43 Resp: 2561
Ion Ratio Lower Upper
43 100
58 40.1 27.8 41.8

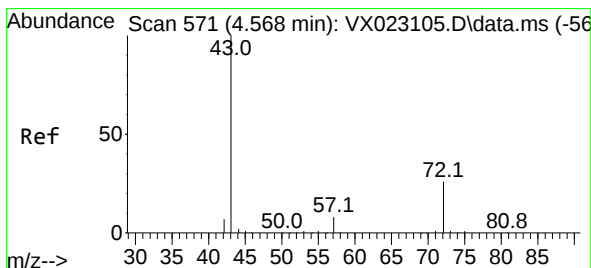
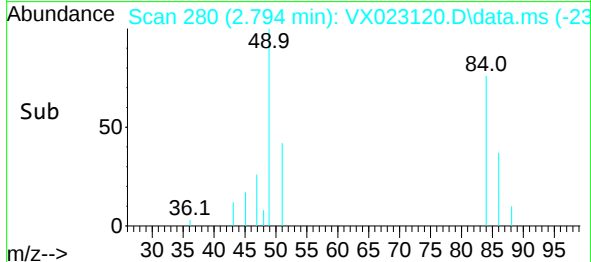
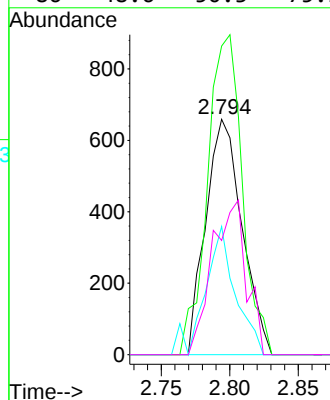
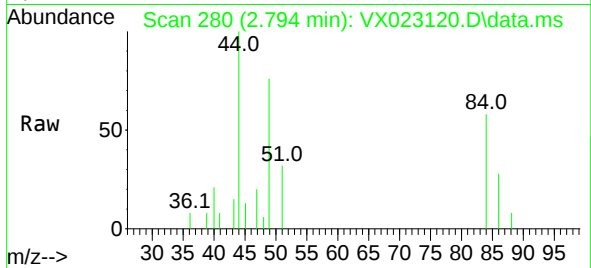




#20
Methylene Chloride
Concen: 0.463 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

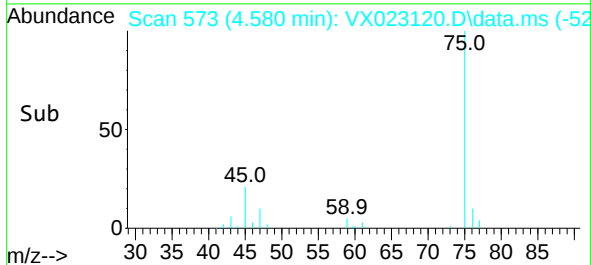
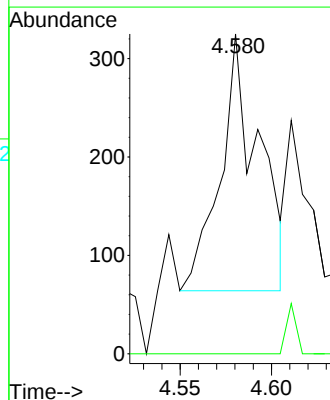
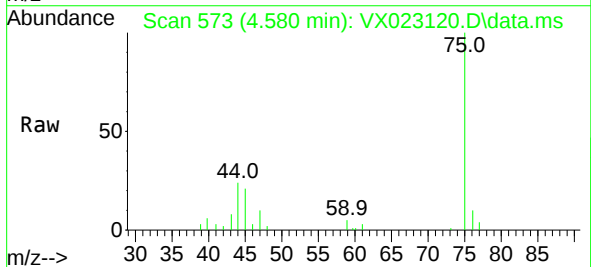
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

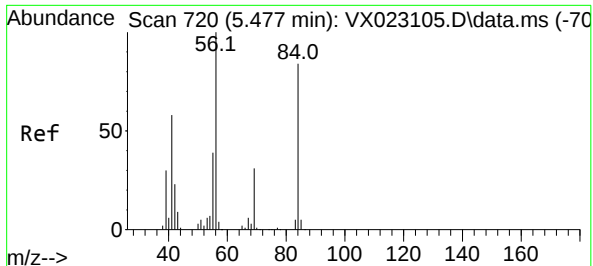
Tgt Ion:	84	Resp:	1218
Ion	Ratio	Lower	Upper
84	100		
49	131.1	88.6	132.8
51	54.5	27.0	40.6#
86	48.6	50.3	75.5#



#25
2-Butanone
Concen: 0.206 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.012 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion:	43	Resp:	380
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.7	35.5#

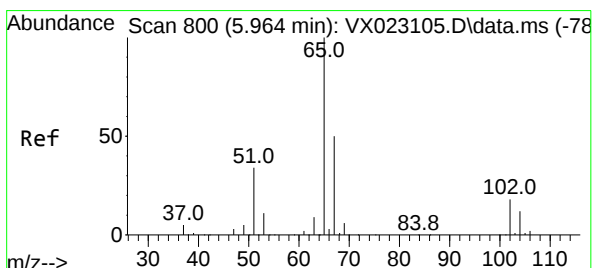
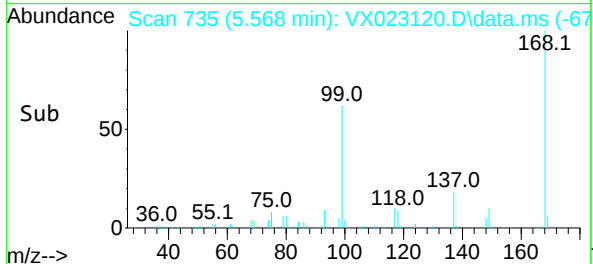
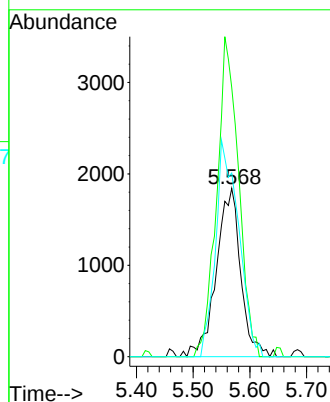
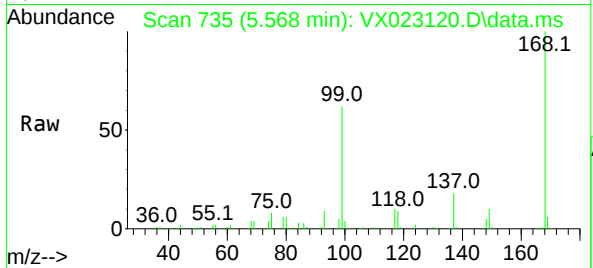




#31
Cyclohexane
Concen: 1.491 ug/l
RT: 5.568 min Scan# 735
Delta R.T. 0.091 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

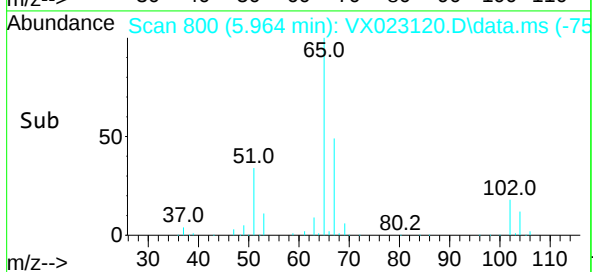
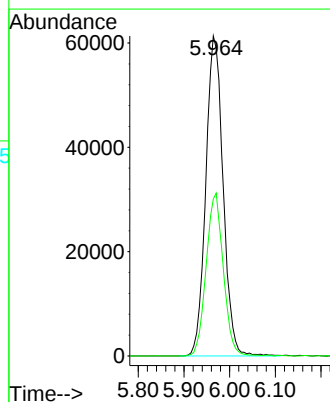
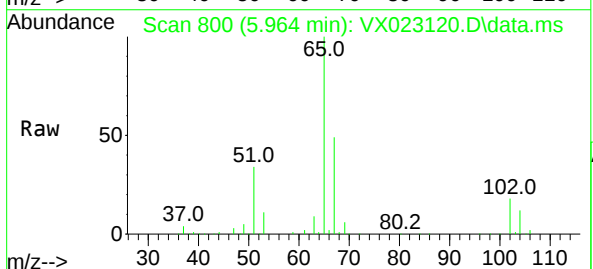
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

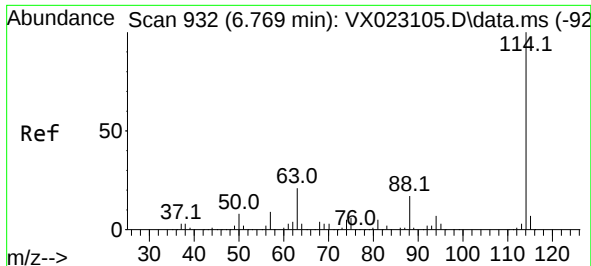
Tgt Ion: 56 Resp: 5514
Ion Ratio Lower Upper
56 100
69 160.0 25.3 37.9#
84 109.2 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 52.256 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 65 Resp: 161352
Ion Ratio Lower Upper
65 100
67 50.3 0.0 105.4

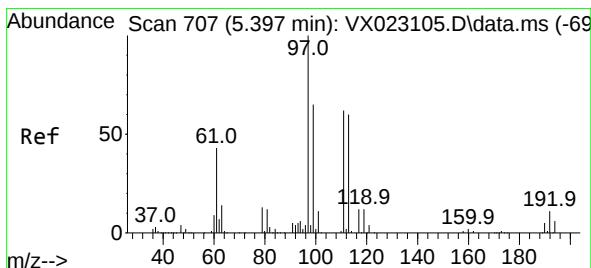
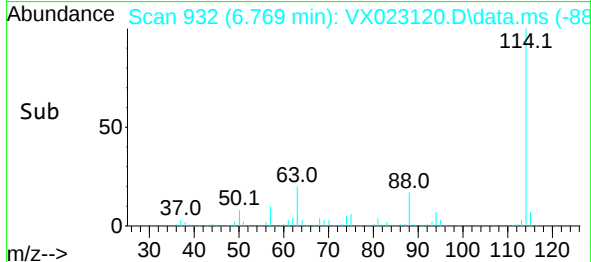
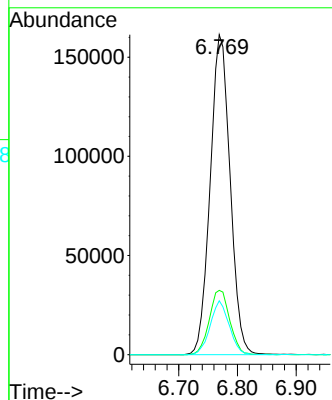
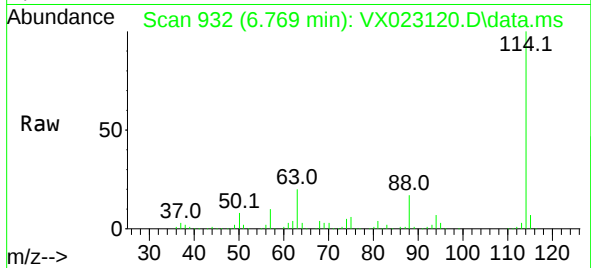




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

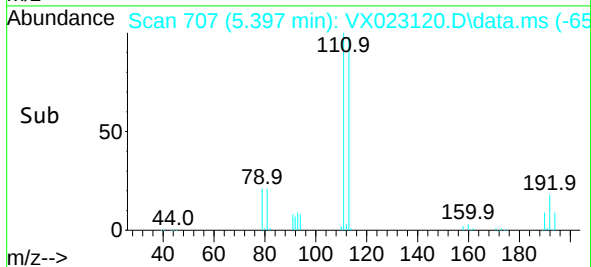
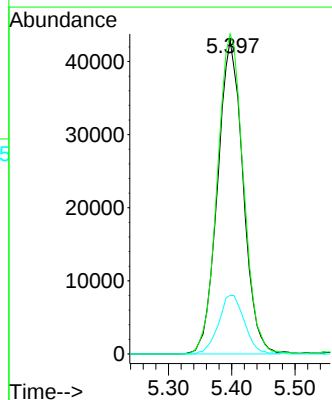
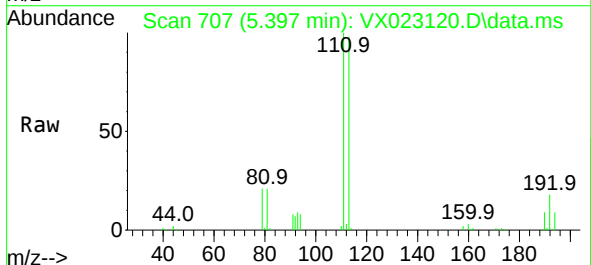
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

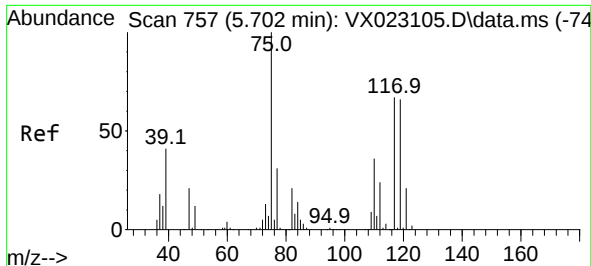
Tgt Ion:114 Resp: 379662
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.8
88 16.8 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.910 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion:113 Resp: 119913
Ion Ratio Lower Upper
113 100
111 104.7 81.9 122.9
192 19.0 16.7 25.1

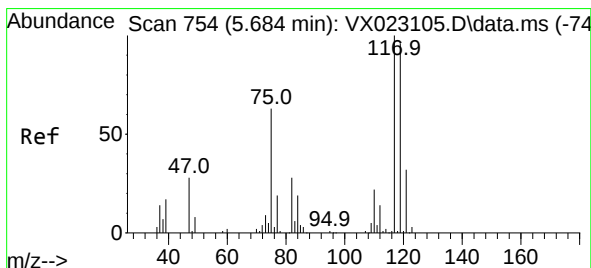
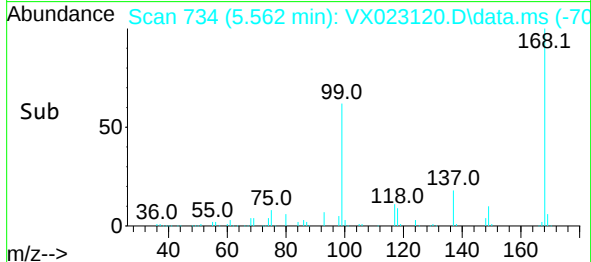
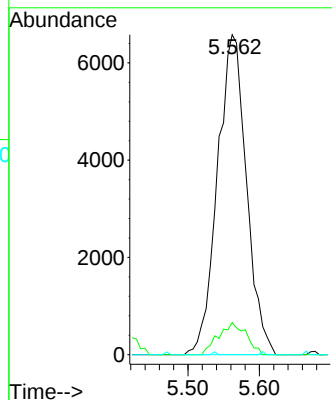
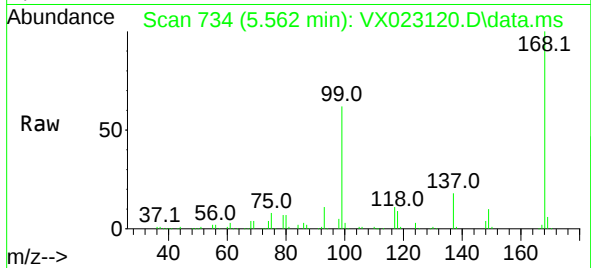




#36
1,1-Dichloropropene
Concen: 5.478 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

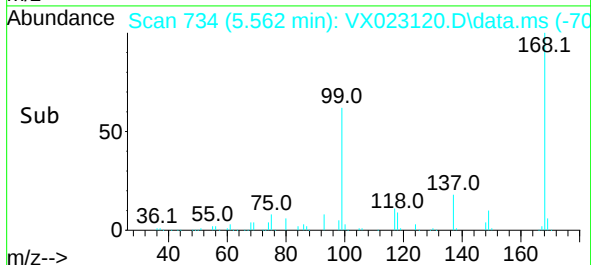
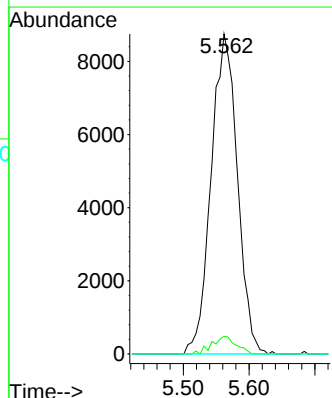
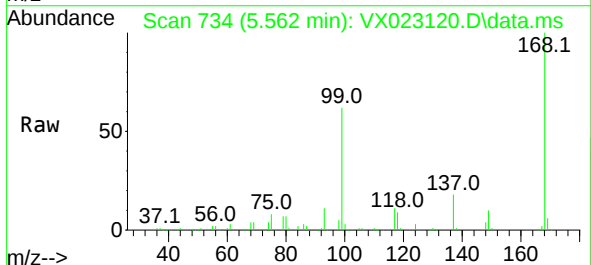
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

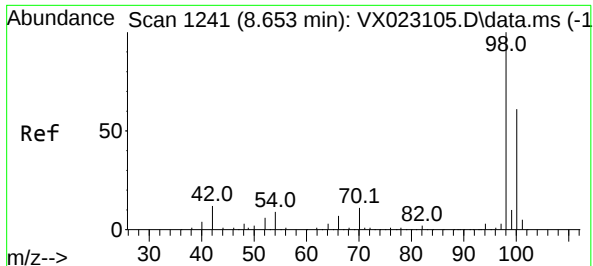
Tgt Ion: 75 Resp: 18542
Ion Ratio Lower Upper
75 100
110 9.6 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.892 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 117 Resp: 24350
Ion Ratio Lower Upper
117 100
119 5.5 76.2 114.2#
121 0.0 24.8 37.2#

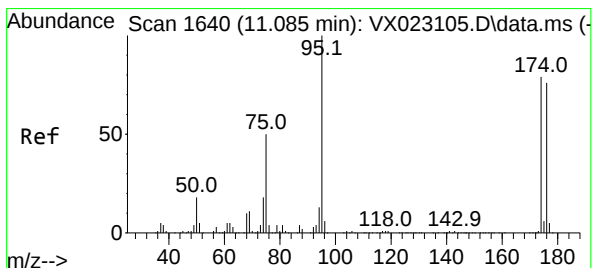
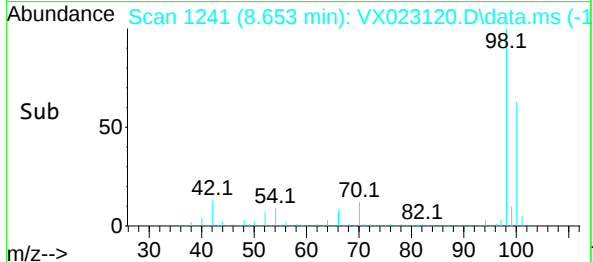
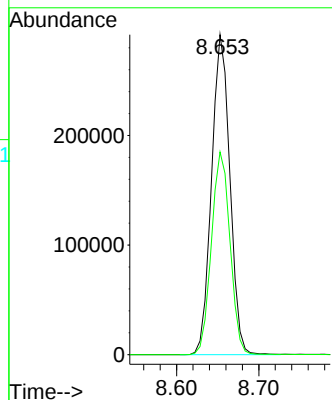
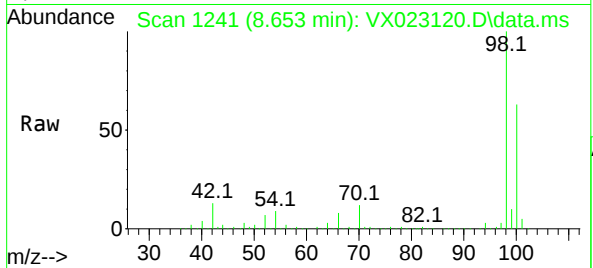




#50
Toluene-d8
Concen: 49.522 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

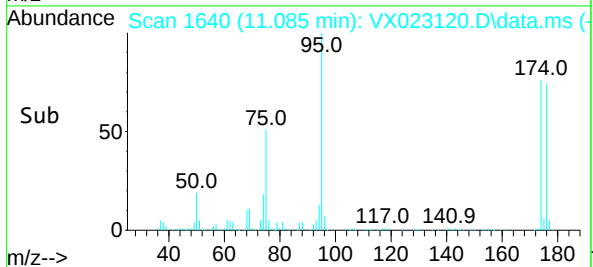
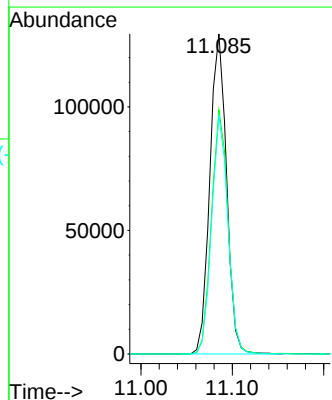
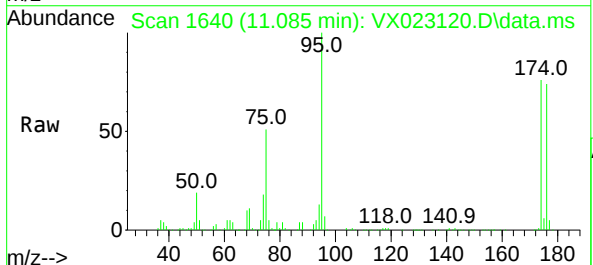
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

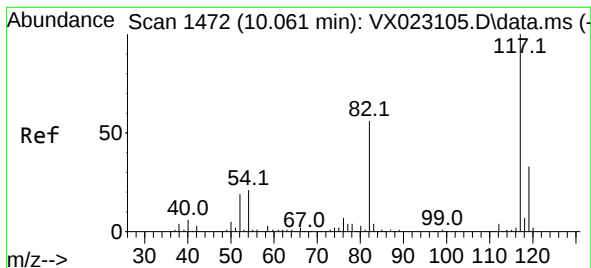
Tgt Ion: 98 Resp: 452898
Ion Ratio Lower Upper
98 100
100 64.2 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.315 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion: 95 Resp: 163522
Ion Ratio Lower Upper
95 100
174 75.8 0.0 154.6
176 72.8 0.0 155.8

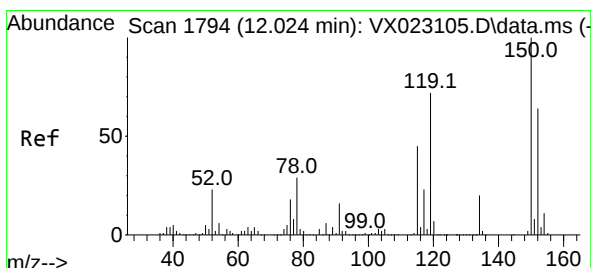
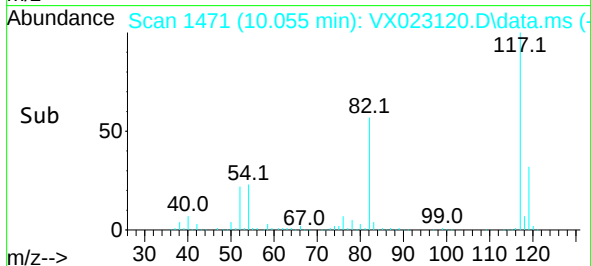
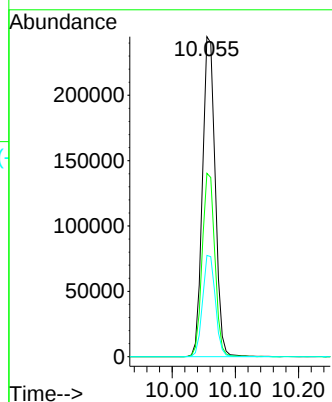
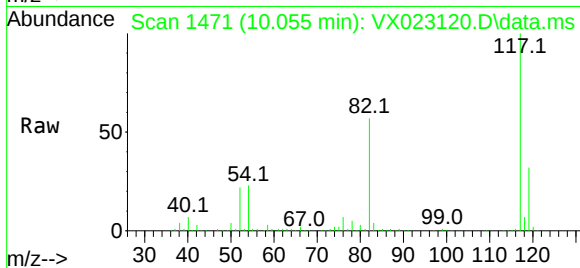




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

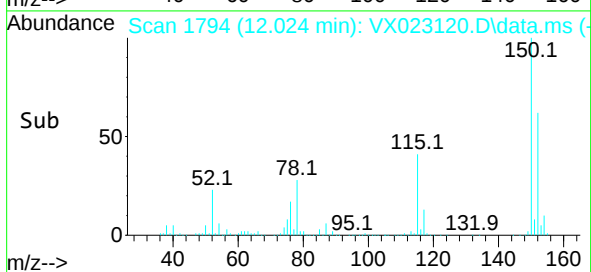
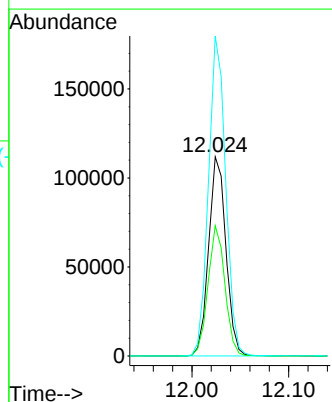
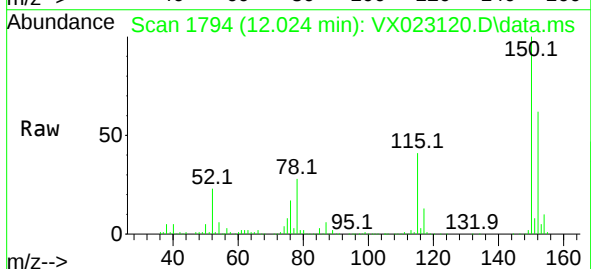
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

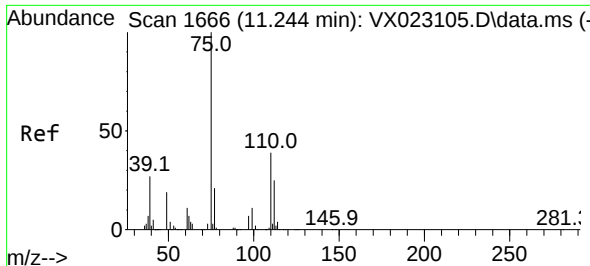
Tgt Ion:117 Resp: 343992
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

Tgt Ion:152 Resp: 139641
Ion Ratio Lower Upper
152 100
115 63.8 41.1 123.3
150 159.1 0.0 349.0

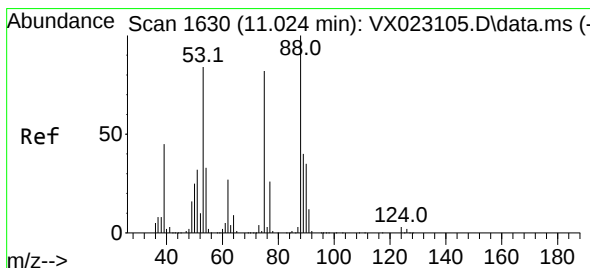
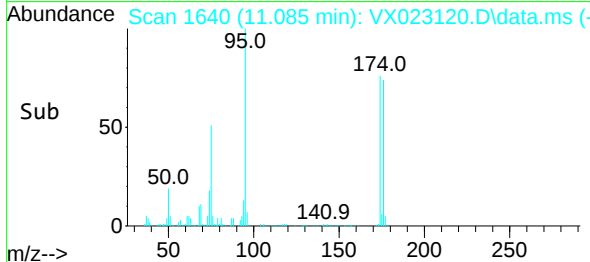
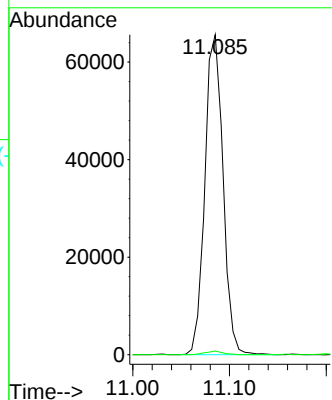
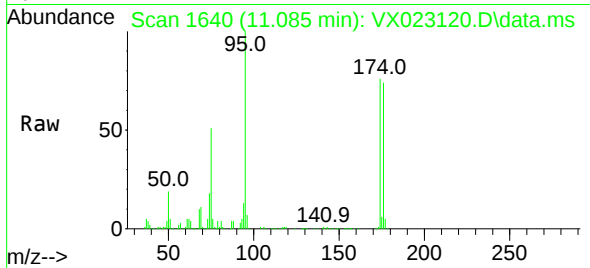




#76
1,2,3-Trichloropropane
Concen: 30.497 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

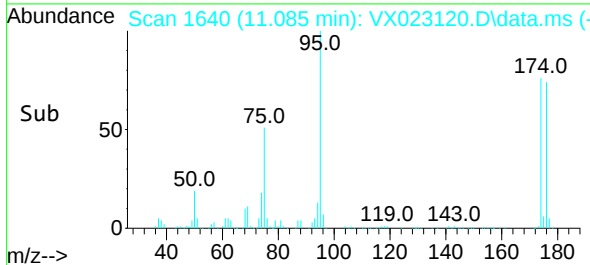
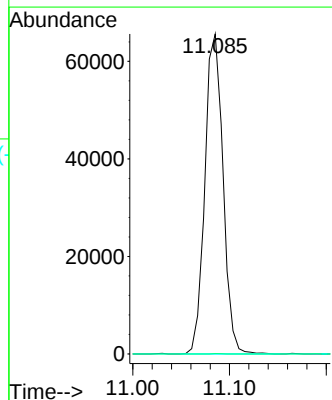
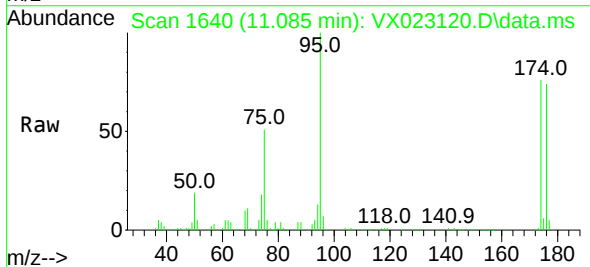
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

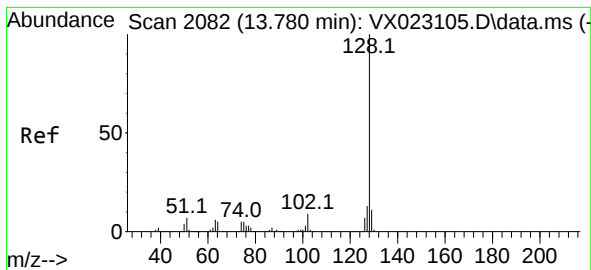
Tgt Ion: 75 Resp: 85698
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.806 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

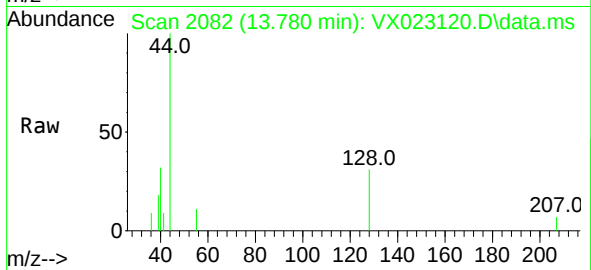
Tgt Ion: 75 Resp: 85698
Ion Ratio Lower Upper
75 100
53 0.1 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.313 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX023120.D
Acq: 02 Jul 2021 20:16

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



Tgt Ion:128 Resp: 403
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

