

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
 Data File : VX023552.D
 Acq On : 04 Aug 2021 19:57
 Operator : JC/MD
 Sample : M3251-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 05 06:09:52 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)

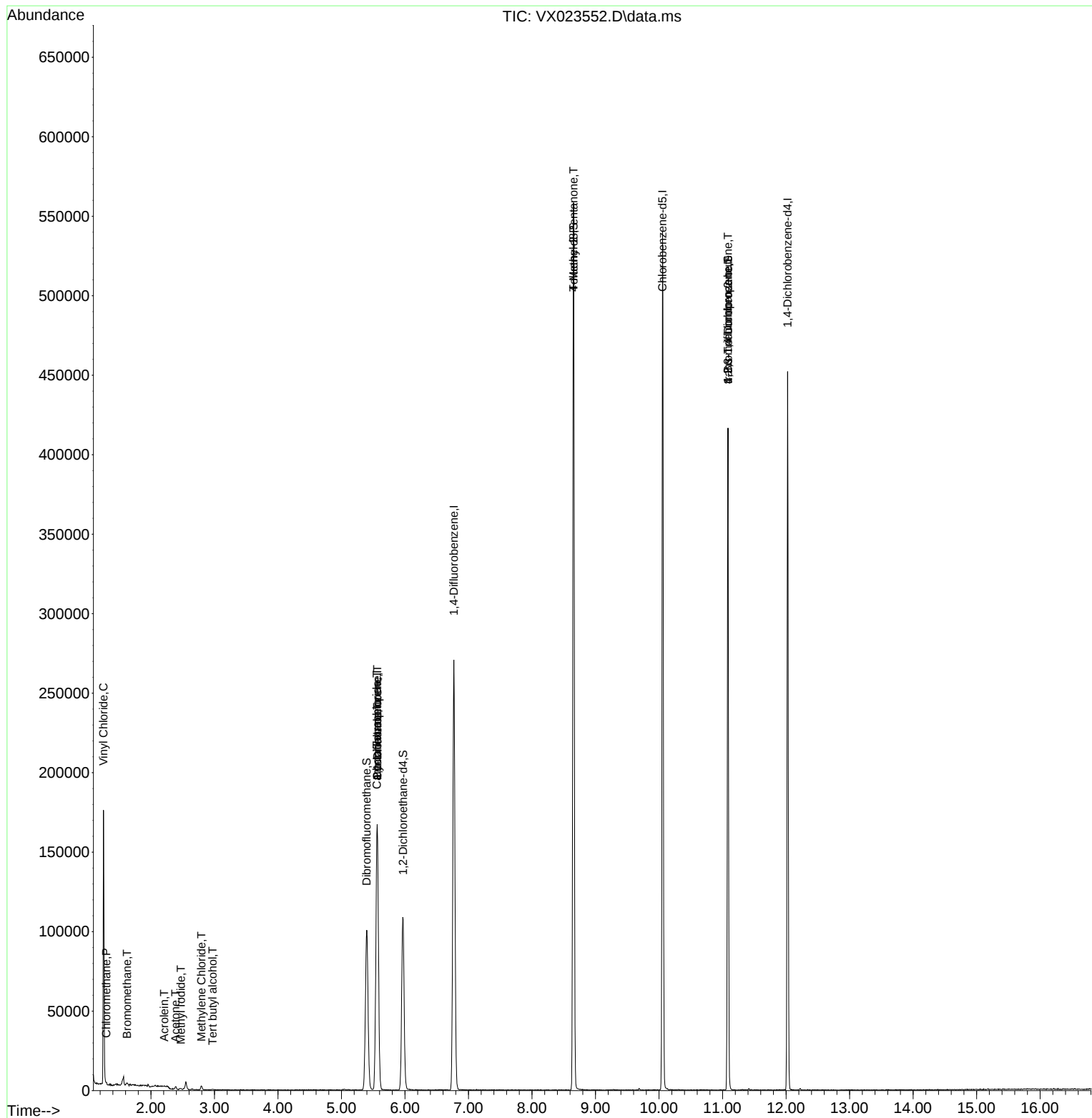
Internal Standards						
1) Pentafluorobenzene	5.562	168	159860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	269091	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	90687	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	106722	53.519	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	= 107.040%		
35) Dibromofluoromethane	5.397	113	86603	51.474	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 102.940%		
50) Toluene-d8	8.653	98	322444	52.163	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	= 104.320%		
62) 4-Bromofluorobenzene	11.085	95	101518	48.297	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	= 96.600%		
Target Compounds						
						Qvalue
3) Chloromethane	1.294	50	803	0.469	ug/l	89
4) Vinyl Chloride	1.252	62	1382	0.797	ug/l #	78
5) Bromomethane	1.624	94	887	0.862	ug/l #	75
10) Methyl Iodide	2.471	142	1004	0.506	ug/l #	87
11) Tert butyl alcohol	2.971	59	511	1.122	ug/l #	73
13) Acrolein	2.209	56	27	1.480	ug/l #	1
16) Acetone	2.386	43	1991	2.035	ug/l	91
20) Methylene Chloride	2.794	84	1097	0.577	ug/l #	91
31) Cyclohexane	5.562	56	3619	1.225	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	12234	5.026	ug/l #	49
38) Carbon Tetrachloride	5.556	117	16439	6.641	ug/l #	16
51) 4-Methyl-2-Pentanone	8.653	43	1666	0.573	ug/l #	1
76) 1,2,3-Trichloropropane	11.085	75	52763	26.439	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	52763	71.092	ug/l #	12

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080521\
Data File : VX023552.D
Acq On : 04 Aug 2021 19:57
Operator : JC/MD
Sample : M3251-03
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Aug 05 06:09:52 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

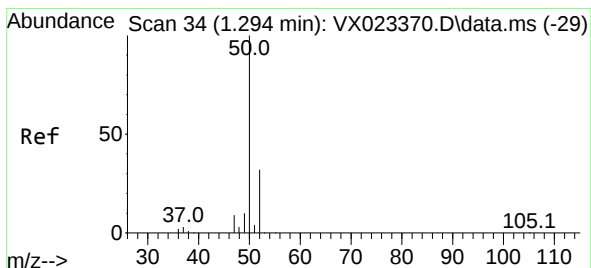
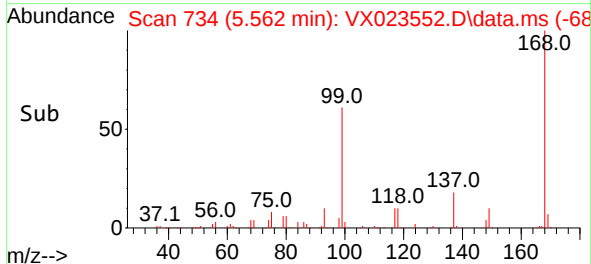
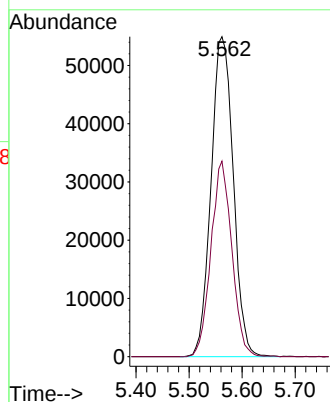
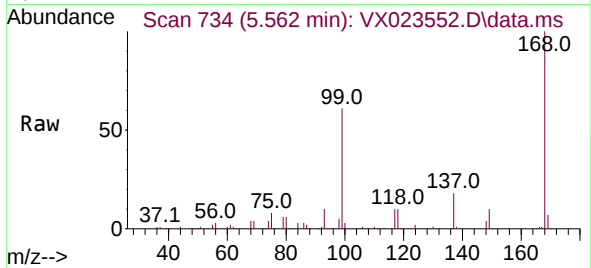




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

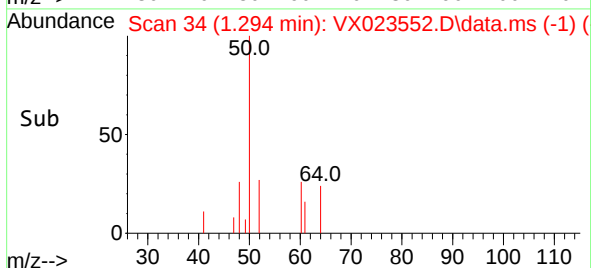
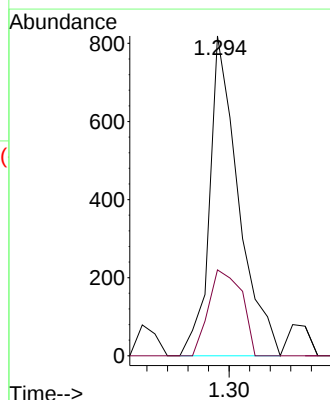
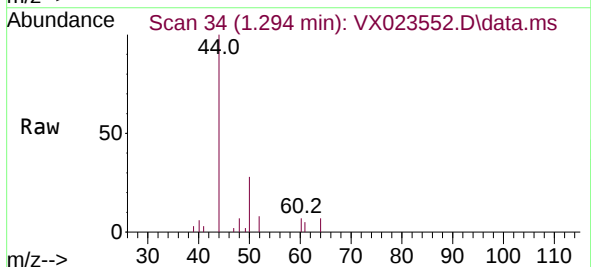
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

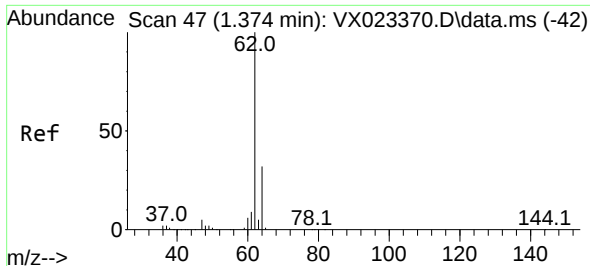
Tgt Ion:168 Resp: 159860
Ion Ratio Lower Upper
168 100
99 61.1 45.8 68.6



#3
Chloromethane
Concen: 0.469 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 50 Resp: 803
Ion Ratio Lower Upper
50 100
52 26.9 26.4 39.6

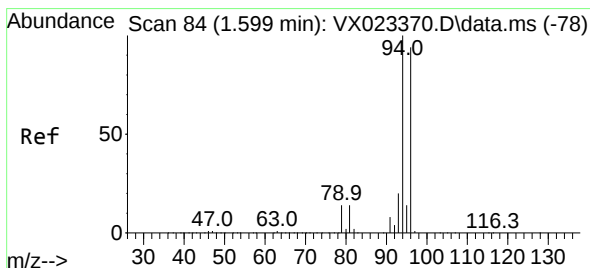
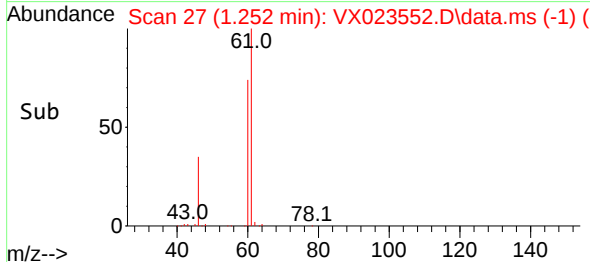
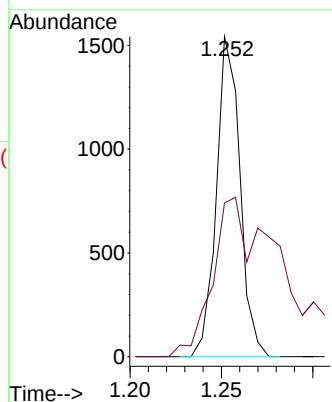
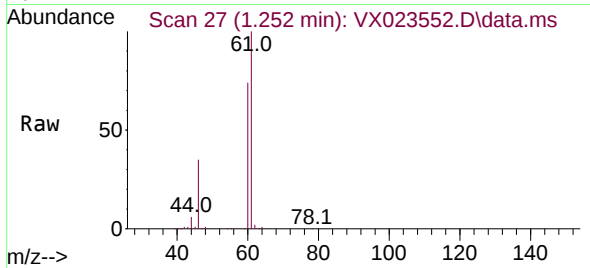




#4
 Vinyl Chloride
 Concen: 0.797 ug/l
 RT: 1.252 min Scan# 27
 Delta R.T. -0.122 min
 Lab File: VX023552.D
 Acq: 04 Aug 2021 19:57

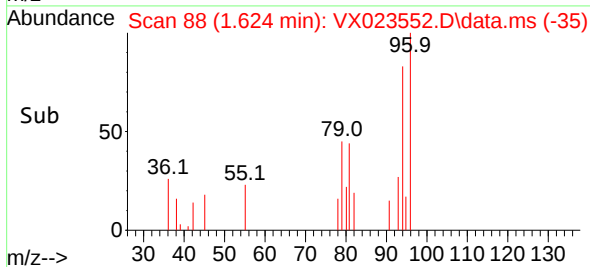
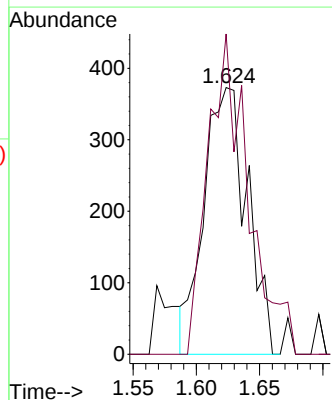
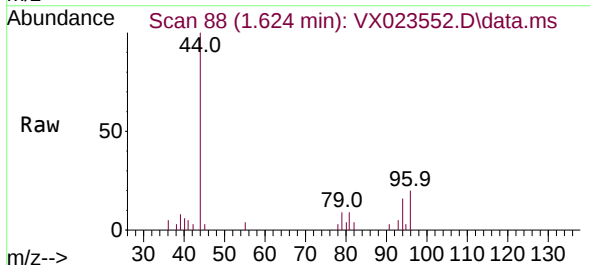
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

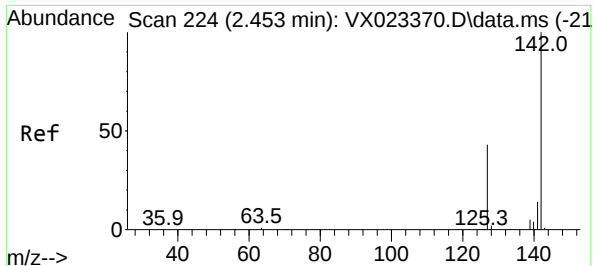
Tgt Ion: 62 Resp: 1382
 Ion Ratio Lower Upper
 62 100
 64 44.4 25.7 38.5#



#5
 Bromomethane
 Concen: 0.862 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX023552.D
 Acq: 04 Aug 2021 19:57

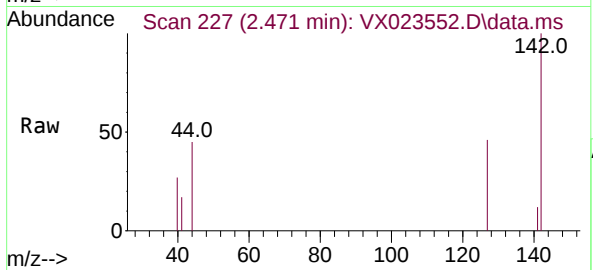
Tgt Ion: 94 Resp: 887
 Ion Ratio Lower Upper
 94 100
 96 120.1 76.4 114.6#



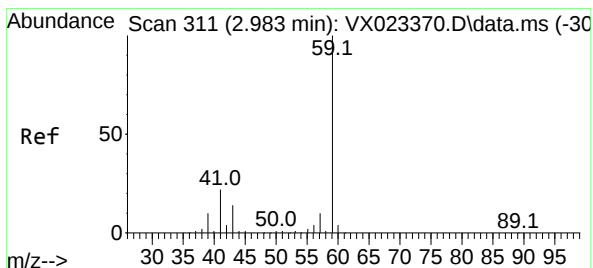
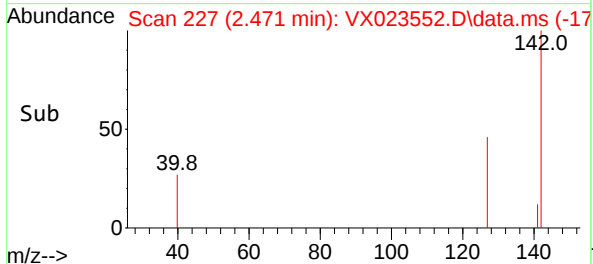
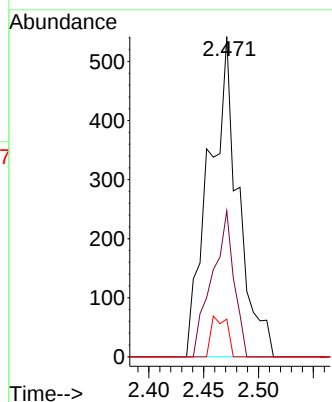


#10
Methyl Iodide
Concen: 0.506 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

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

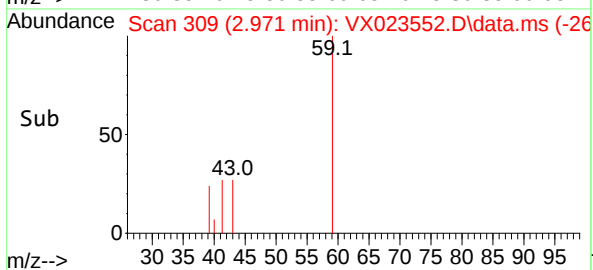
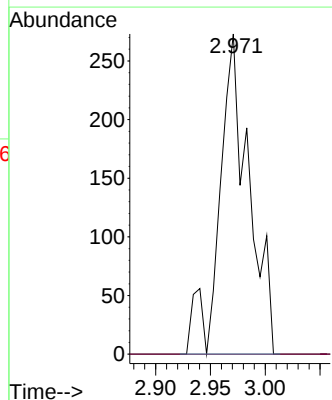
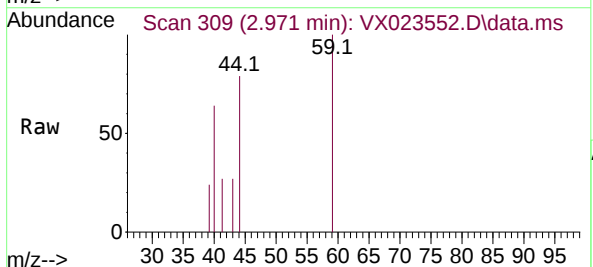


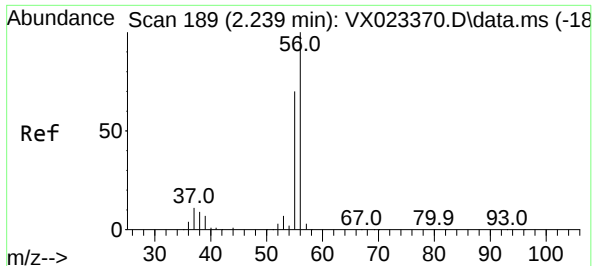
Tgt Ion:142 Resp: 1004
Ion Ratio Lower Upper
142 100
127 34.3 33.3 49.9
141 6.9 11.4 17.0#



#11
Tert butyl alcohol
Concen: 1.122 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.012 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 59 Resp: 511
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

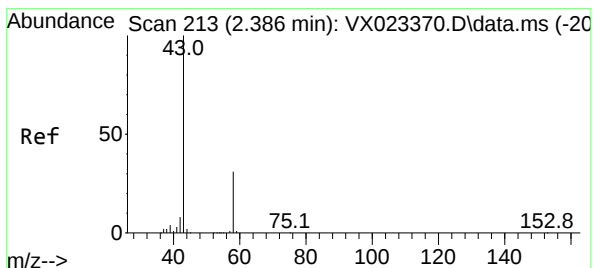
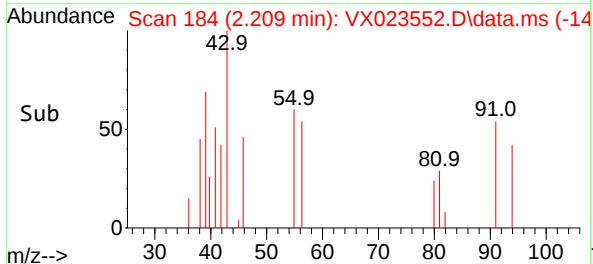
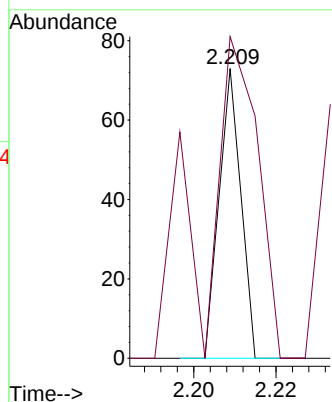
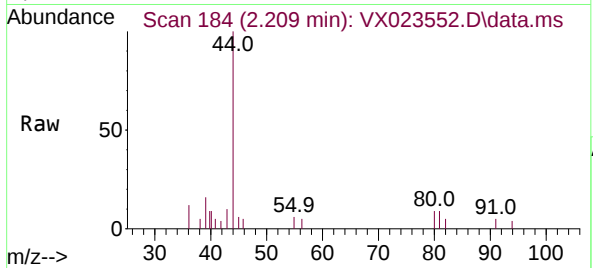




#13
Acrolein
Concen: 1.480 ug/l
RT: 2.209 min Scan# 184
Delta R.T. -0.030 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

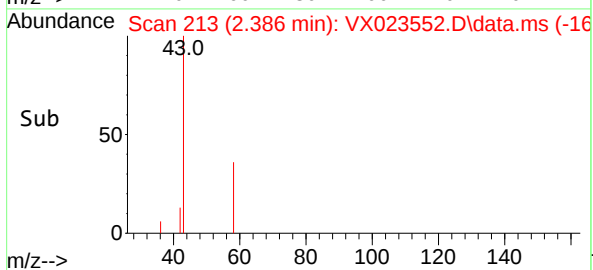
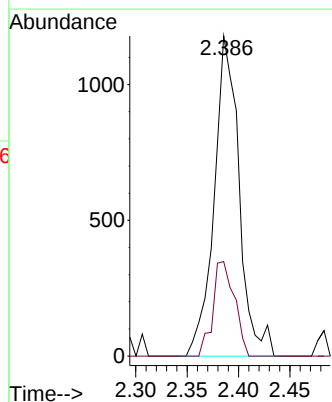
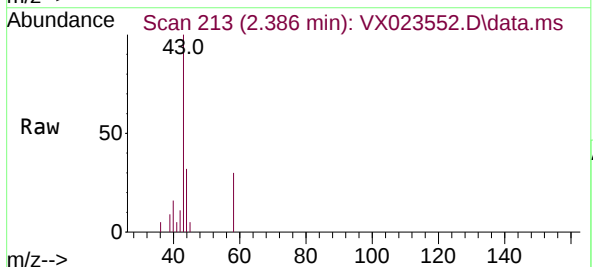
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

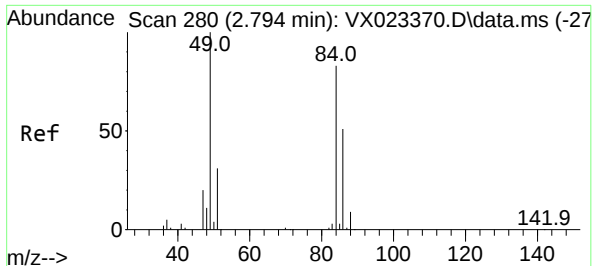
Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 270.4 56.4 84.6#



#16
Acetone
Concen: 2.035 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 43 Resp: 1991
Ion Ratio Lower Upper
43 100
58 29.5 27.8 41.8

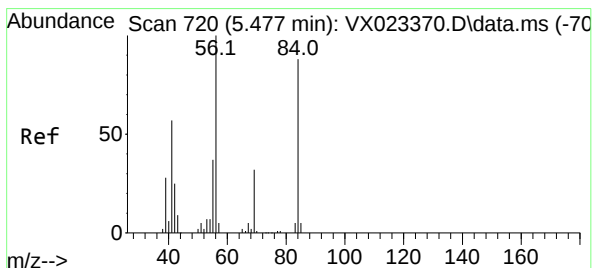
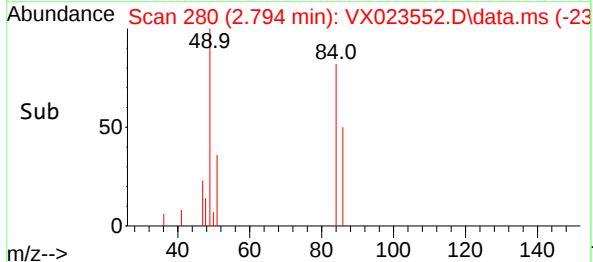
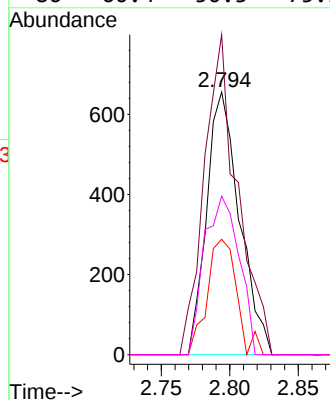
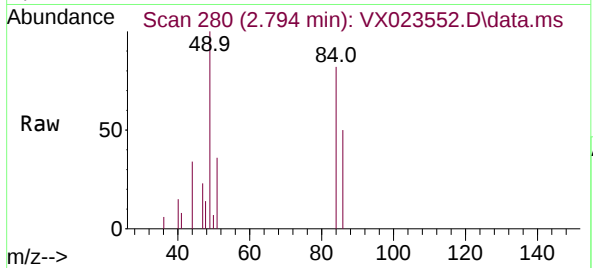




#20
Methylene Chloride
Concen: 0.577 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

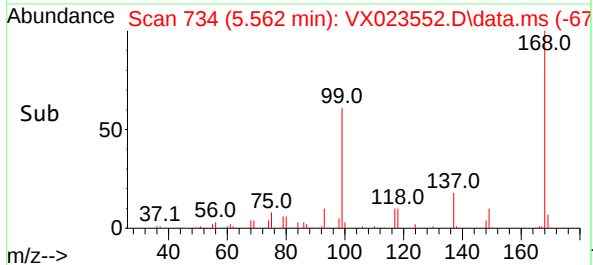
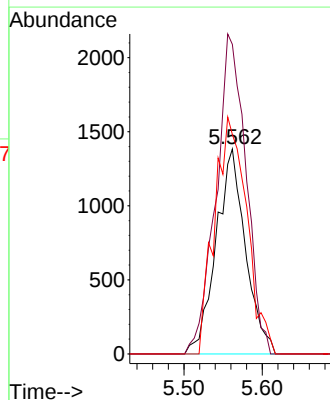
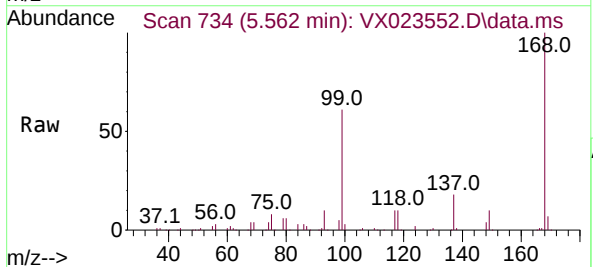
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

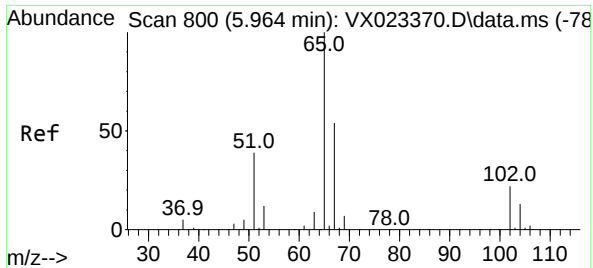
Tgt Ion:	84	Resp:	1097
Ion	Ratio	Lower	Upper
84	100		
49	121.8	88.6	132.8
51	43.9	27.0	40.6#
86	60.4	50.3	75.5



#31
Cyclohexane
Concen: 1.225 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.085 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion:	56	Resp:	3619
Ion	Ratio	Lower	Upper
56	100		
69	151.1	25.3	37.9#
84	107.2	71.4	107.0#

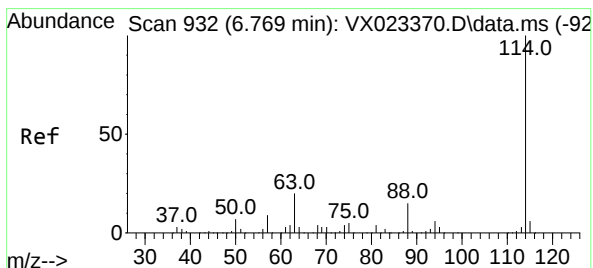
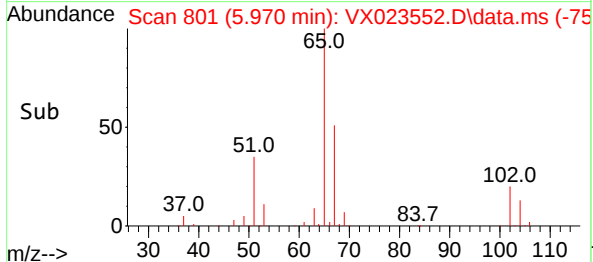
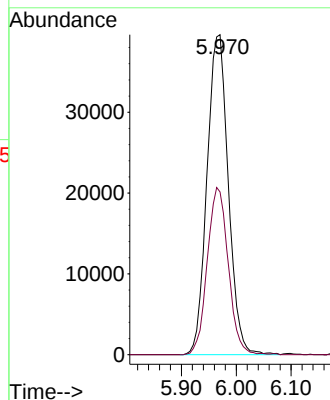
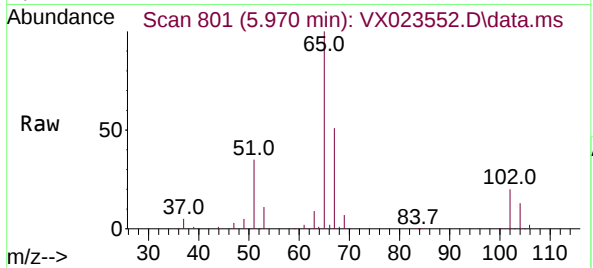




#33
 1,2-Dichloroethane-d4
 Concen: 53.519 ug/l
 RT: 5.970 min Scan# 801
 Delta R.T. 0.006 min
 Lab File: VX023552.D
 Acq: 04 Aug 2021 19:57

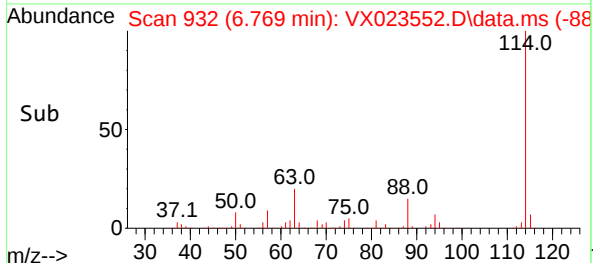
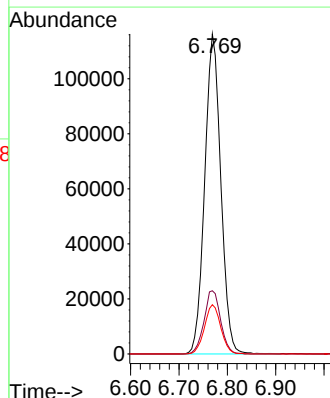
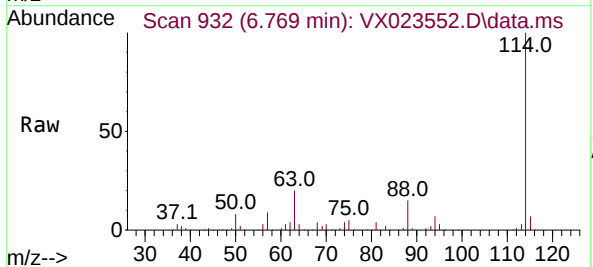
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

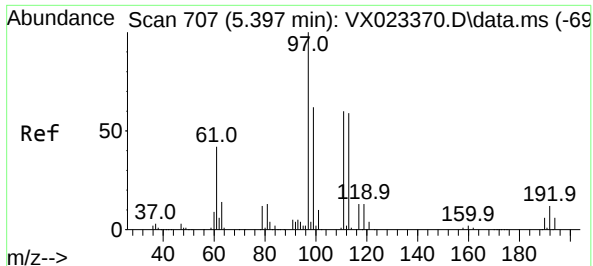
Tgt Ion: 65 Resp: 106722
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. -0.000 min
 Lab File: VX023552.D
 Acq: 04 Aug 2021 19:57

Tgt Ion: 114 Resp: 269091
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 40.8
 88 15.4 0.0 32.8

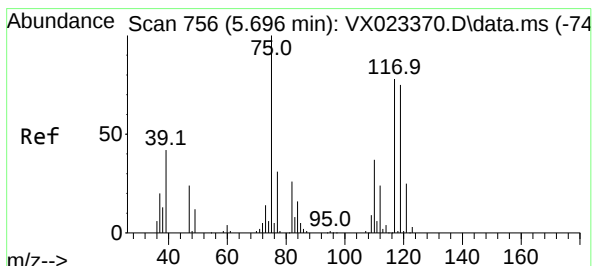
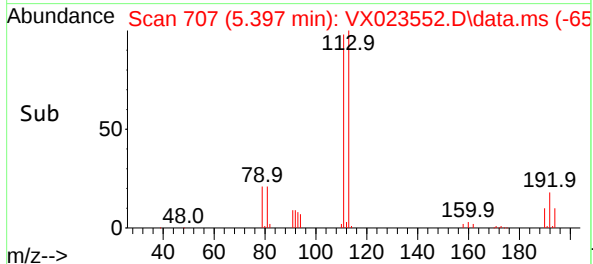
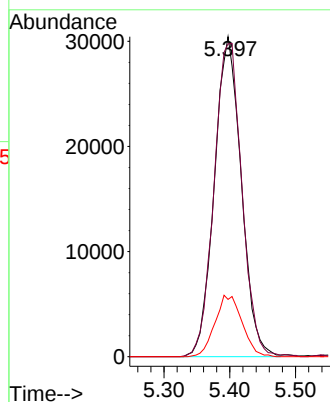
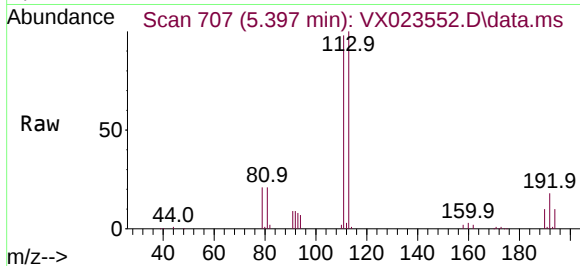




#35
Dibromofluoromethane
Concen: 51.474 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

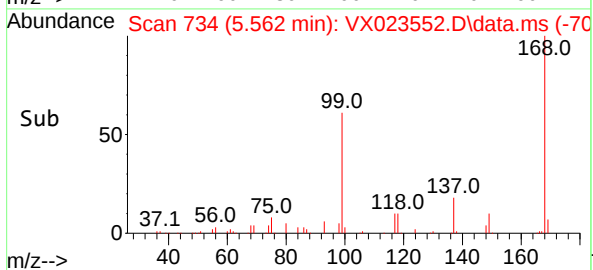
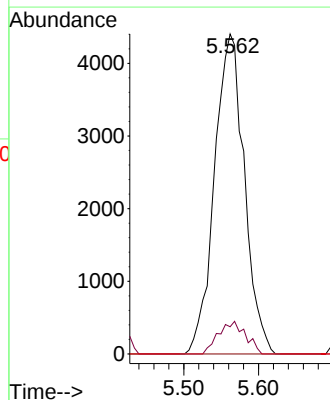
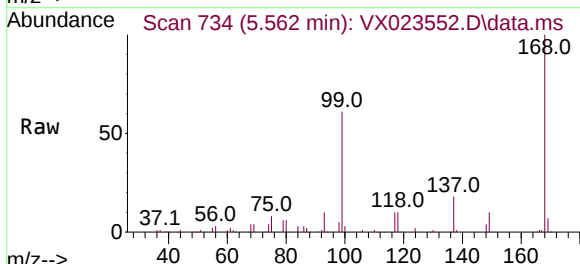
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

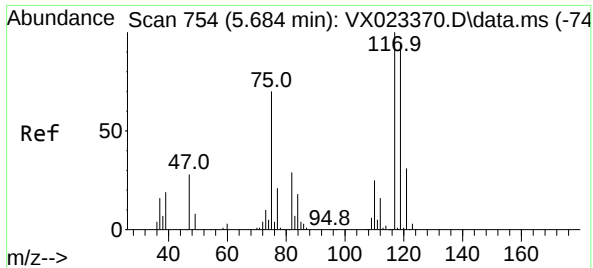
Tgt Ion:	113	Resp:	86603
Ion	Ratio	Lower	Upper
113	100		
111	101.6	81.9	122.9
192	19.4	16.7	25.1



#36
1,1-Dichloropropene
Concen: 5.026 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

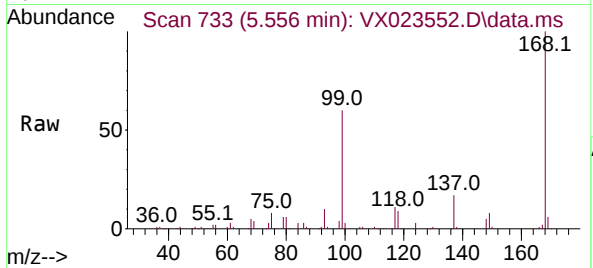
Tgt Ion:	75	Resp:	12234
Ion	Ratio	Lower	Upper
75	100		
110	9.3	18.1	54.4#
77	0.0	25.3	37.9#



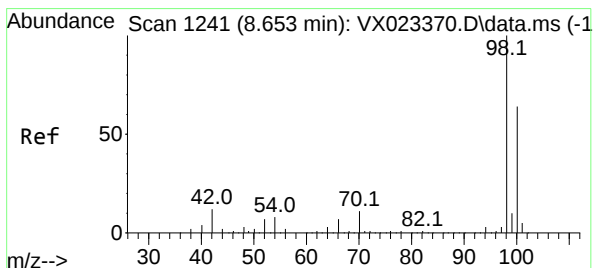
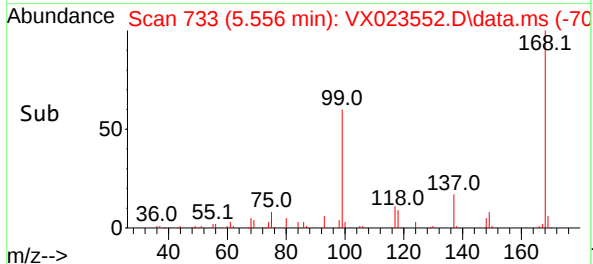
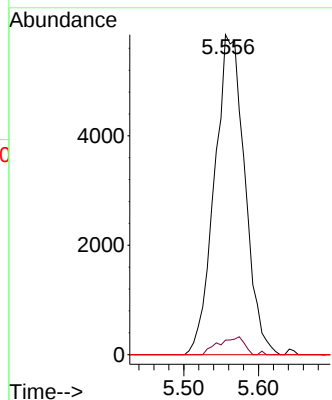


#38
Carbon Tetrachloride
Concen: 6.641 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

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

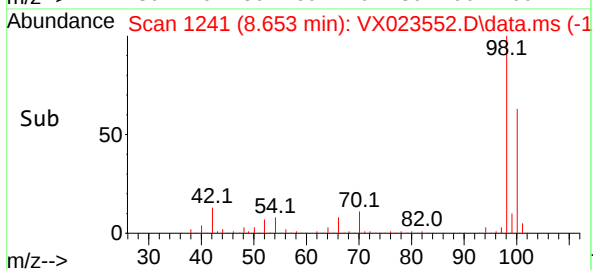
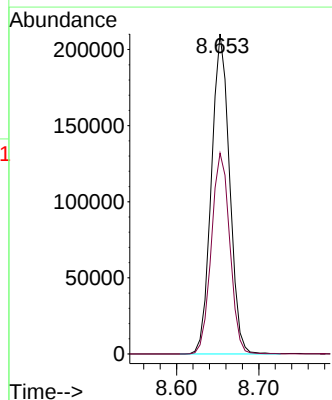
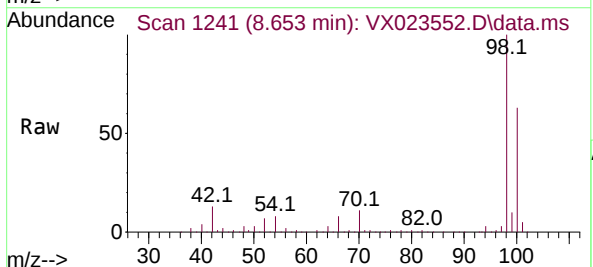


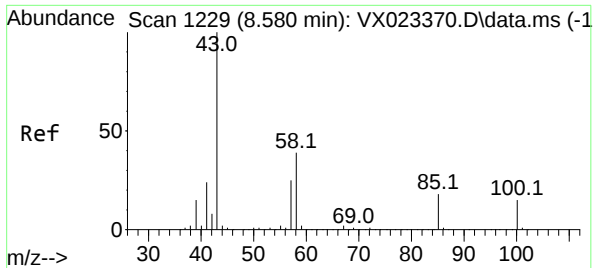
Tgt Ion:117 Resp: 16439
Ion Ratio Lower Upper
117 100
119 4.6 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 52.163 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 98 Resp: 322444
Ion Ratio Lower Upper
98 100
100 63.7 51.9 77.9

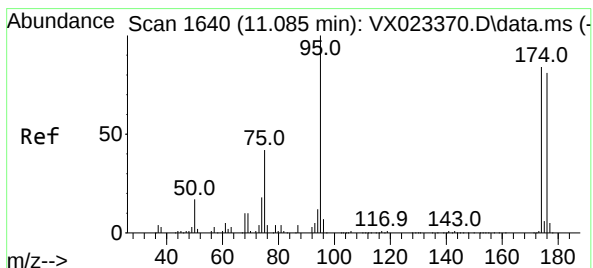
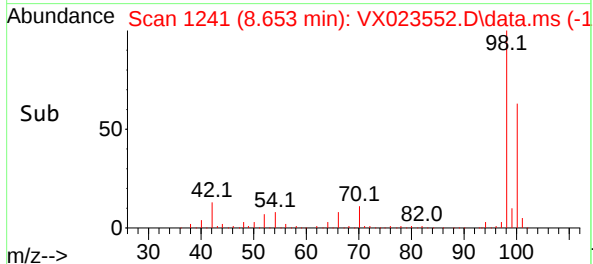
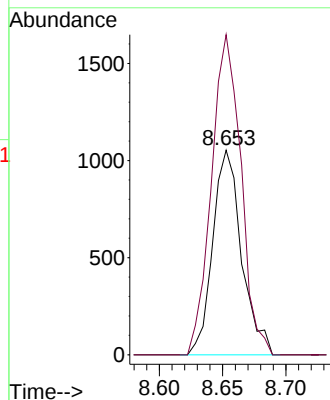
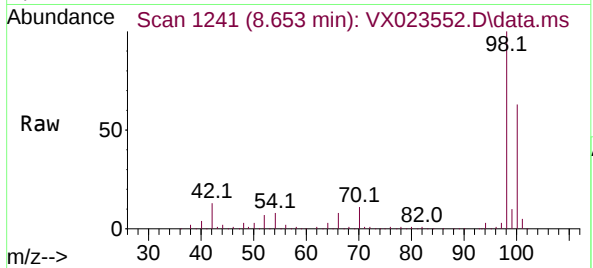




#51
4-Methyl-2-Pentanone
Concen: 0.573 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.073 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

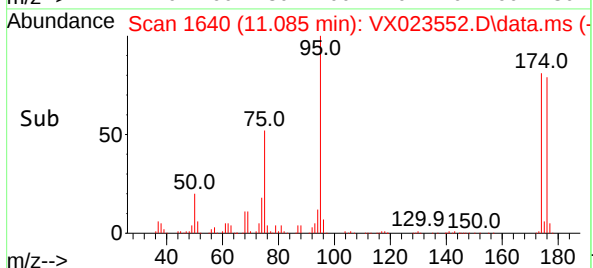
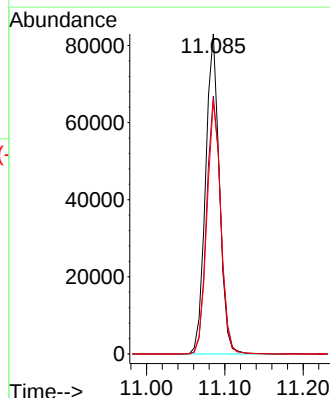
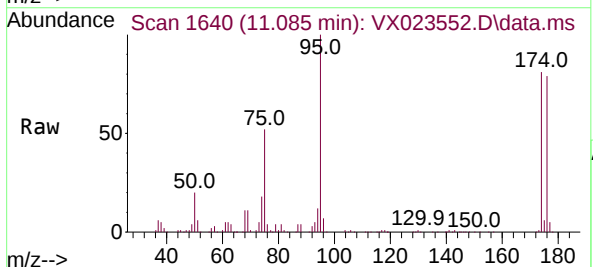
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

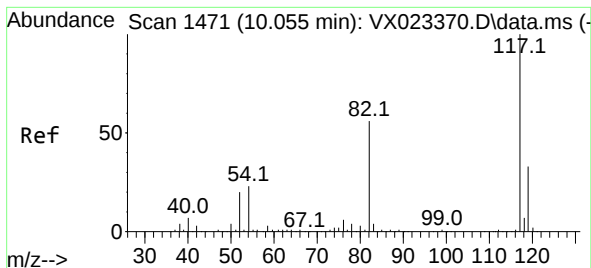
Tgt Ion: 43 Resp: 1666
Ion Ratio Lower Upper
43 100
58 160.4 35.4 53.0#



#62
4-Bromofluorobenzene
Concen: 48.297 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 95 Resp: 101518
Ion Ratio Lower Upper
95 100
174 81.6 0.0 154.6
176 79.3 0.0 155.8

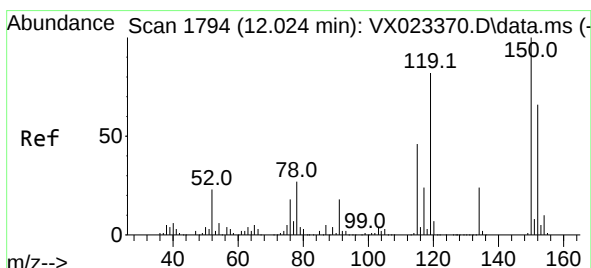
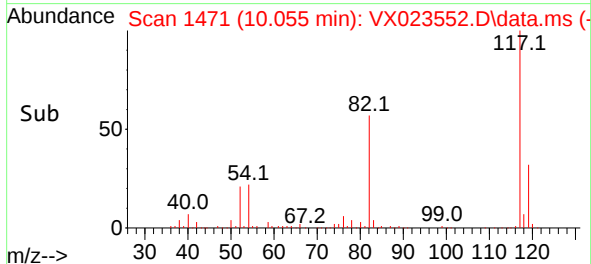
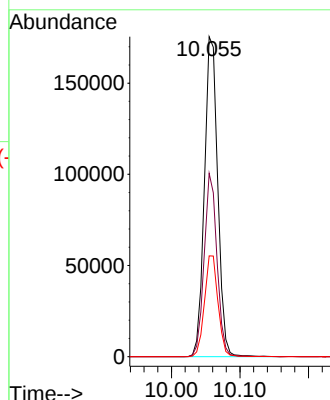
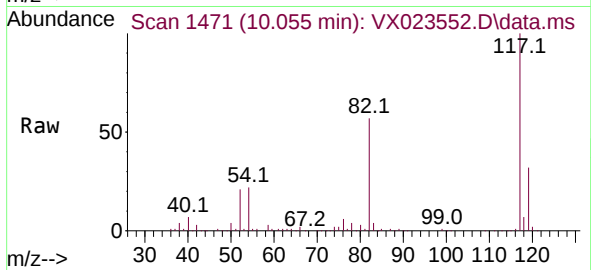




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

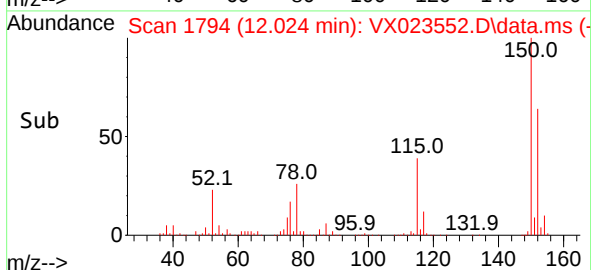
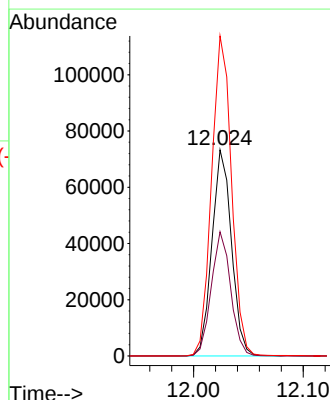
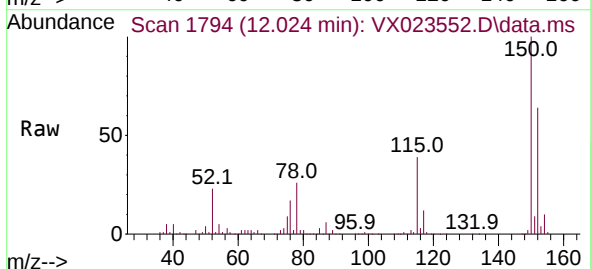
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

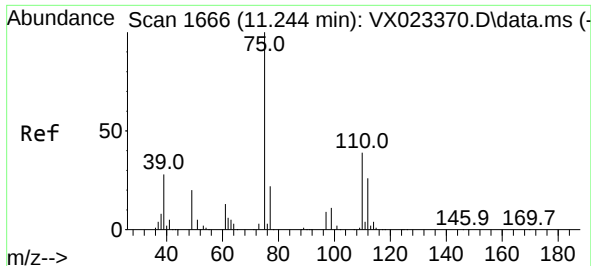
Tgt Ion:117 Resp: 237755
Ion Ratio Lower Upper
117 100
82 57.3 47.4 71.2
119 31.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion:152 Resp: 90687
Ion Ratio Lower Upper
152 100
115 60.0 41.1 123.3
150 158.8 0.0 349.0

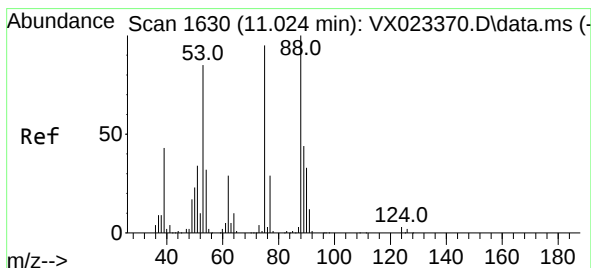
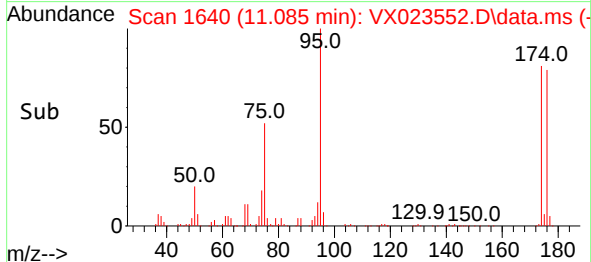
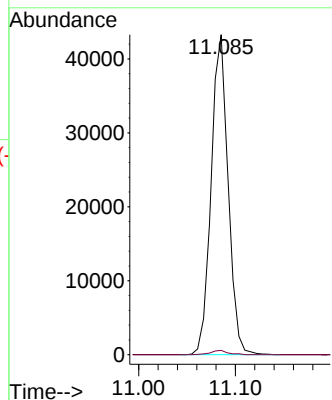
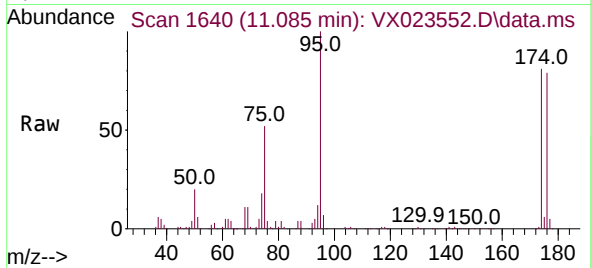




#76
1,2,3-Trichloropropane
Concen: 26.439 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

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

Tgt Ion: 75 Resp: 52763
Ion Ratio Lower Upper
75 100
77 1.4 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.092 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX023552.D
Acq: 04 Aug 2021 19:57

Tgt Ion: 75 Resp: 52763
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

