

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020070.D
 Acq On : 16 Dec 2020 17:07
 Operator : JC/MD
 Sample : L5050-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 17 00:31:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	310228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	516357	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	465063	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201997	50.00	ug/l	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4		6.03	65	197808	48.51	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.02%	
35) Dibromofluoromethane		5.46	113	158950	47.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.26%	
50) Toluene-d8		8.70	98	615834	48.34	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.68%	
62) 4-Bromofluorobenzene		11.12	95	216830	44.72	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	89.44%	

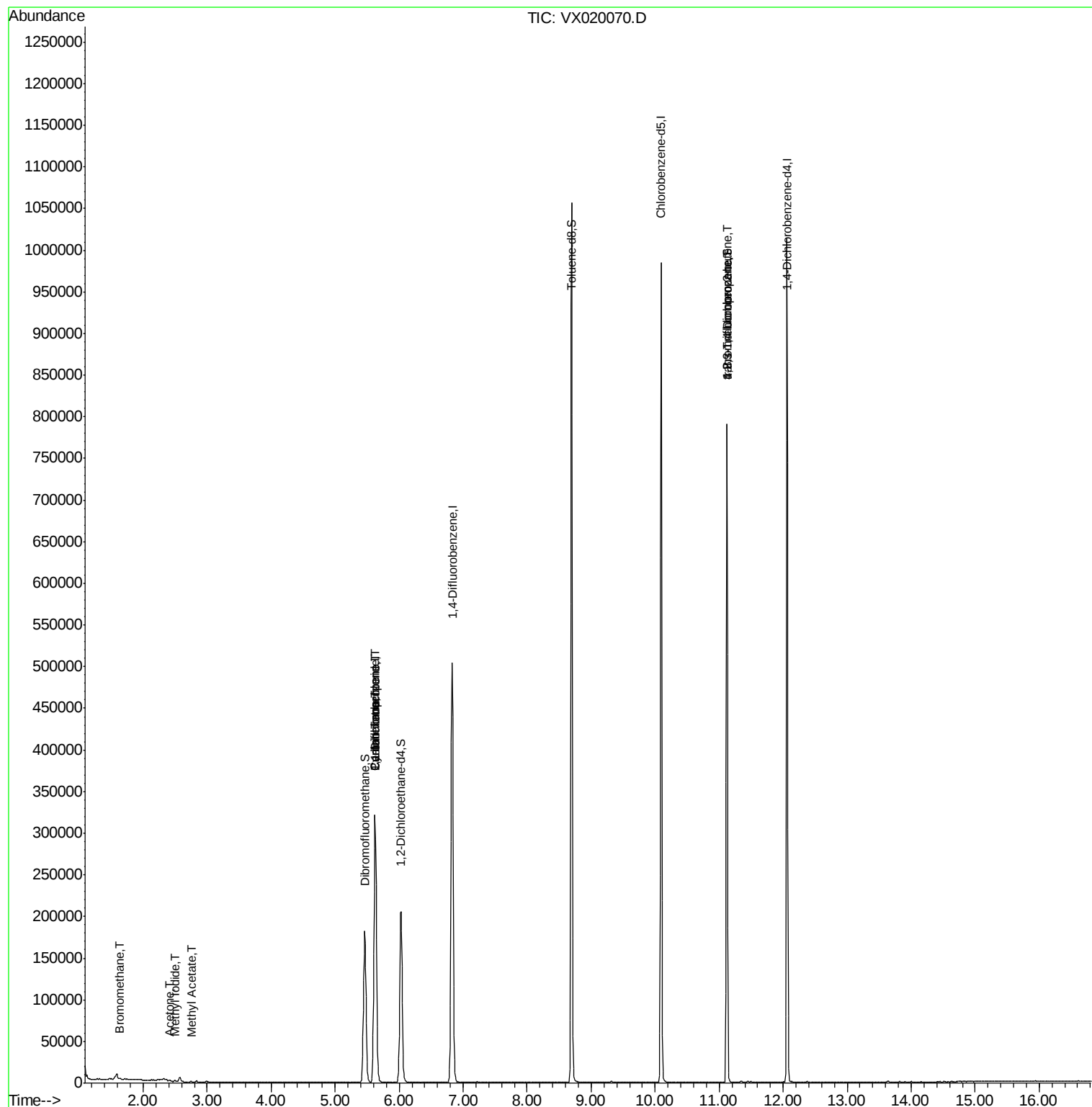
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	784	0.670	ug/l	95
10) Methyl Iodide	2.50	142	1578	0.381	ug/l #	94
11) Tert butyl alcohol	2.99	59	822	Below Cal	#	73
16) Acetone	2.42	43	1432	0.934	ug/l	91
18) Methyl Acetate	2.75	43	790	0.211	ug/l #	81
20) Methylene Chloride	2.84	84	552	Below Cal	#	72
31) Cyclohexane	5.63	56	6033	1.190	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23551	5.047	ug/l #	48
38) Carbon Tetrachloride	5.63	117	30789	6.738	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	105646	23.319	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	105646	67.411	ug/l #	12

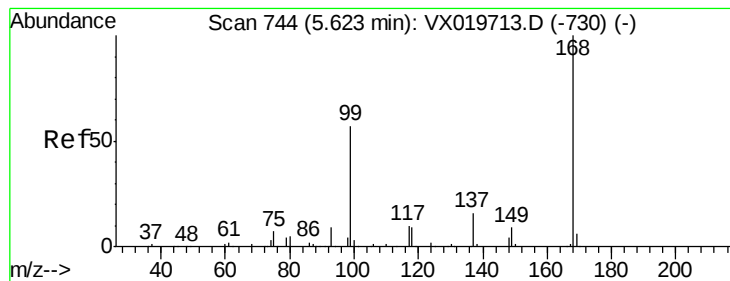
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
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Quant Time: Dec 17 00:31:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 04 15:32:53 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.00 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

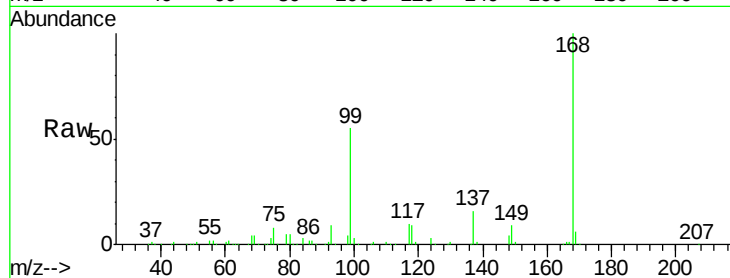
STORAGE-BLANK-WATER-REF-5

Tgt Ion:168 Resp: 310228

Ion Ratio Lower Upper

168 100

99 55.3 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.62

120000

100000

80000

60000

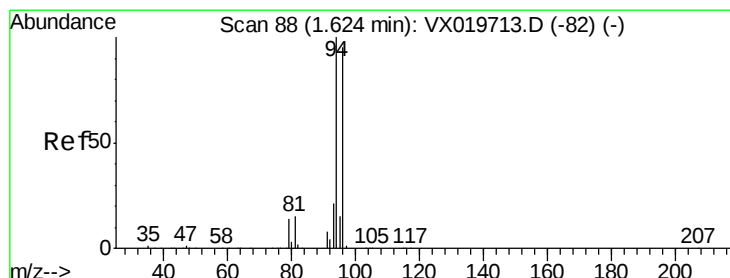
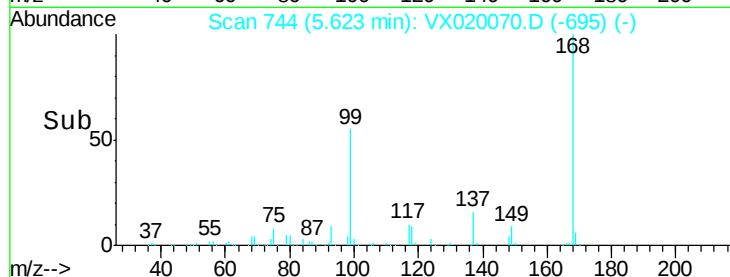
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.670 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020070.D

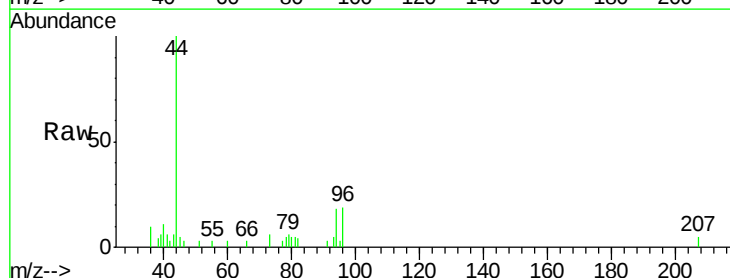
Acq: 16 Dec 2020 17:07

Tgt Ion: 94 Resp: 784

Ion Ratio Lower Upper

94 100

96 90.9 76.4 114.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

500

400

300

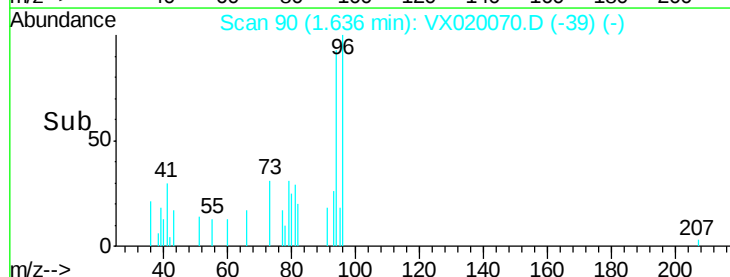
200

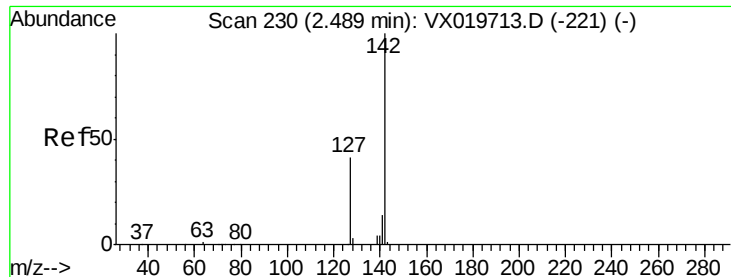
100

0

Time-->

1.60 1.65 1.70

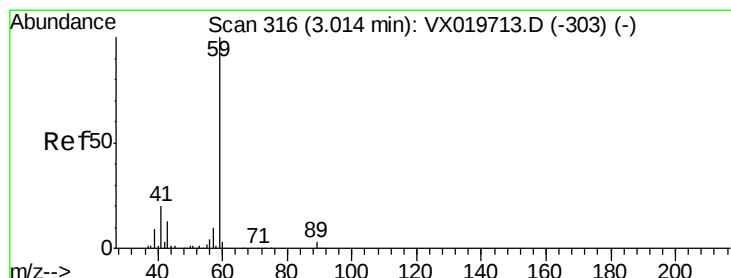
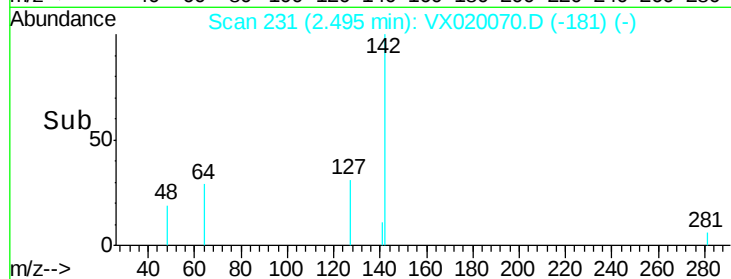
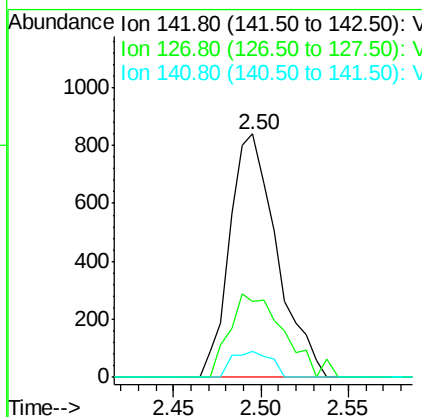
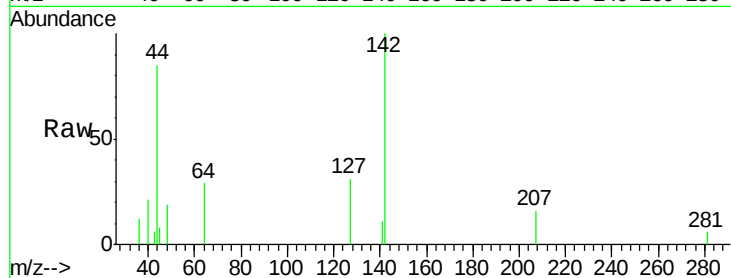




#10
Methyl Iodide
Concen: 0.381 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

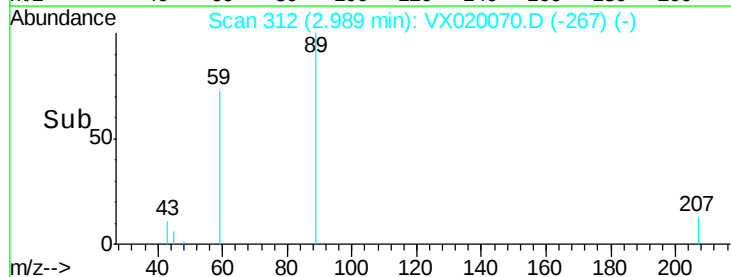
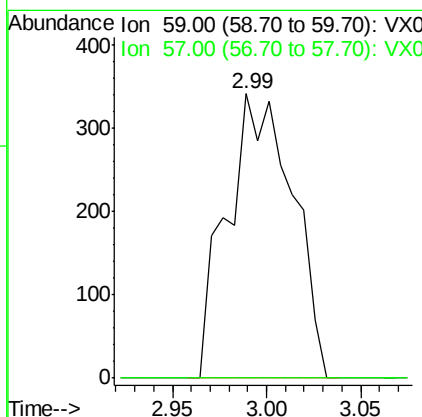
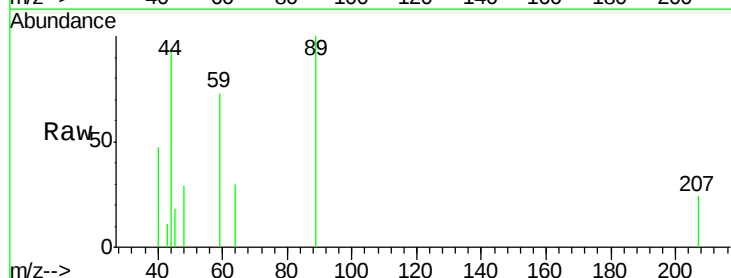
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

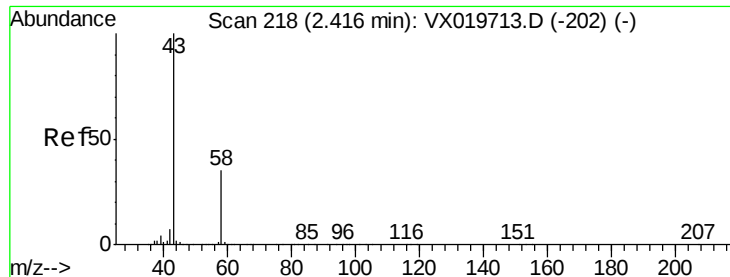
Tgt Ion:142 Resp: 1578
Ion Ratio Lower Upper
142 100
127 39.5 33.3 49.9
141 8.8 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.99 min Scan# 312
Delta R.T. -0.02 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

Tgt Ion: 59 Resp: 822
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#16

Acetone

Concen: 0.934 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

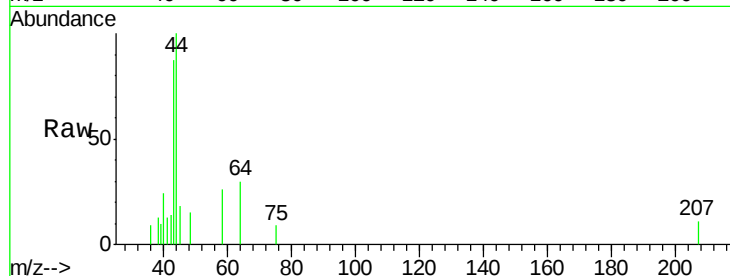
STORAGE-BLANK-WATER-REF-5

Tgt Ion: 43 Resp: 1432

Ion Ratio Lower Upper

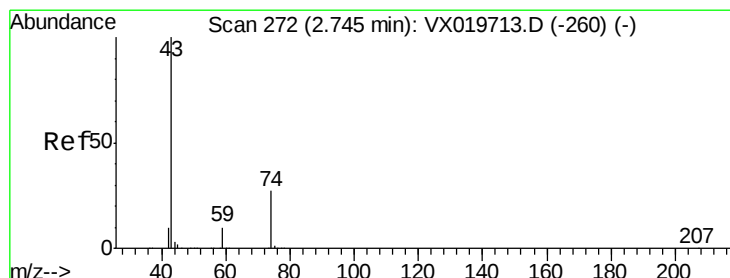
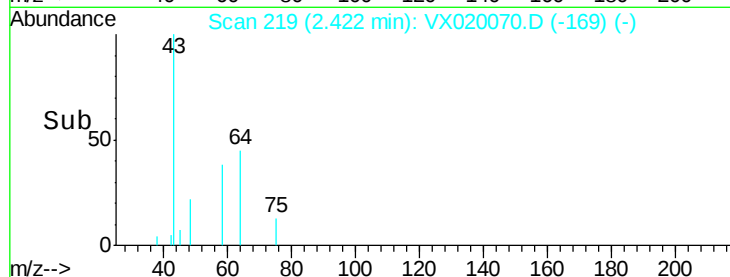
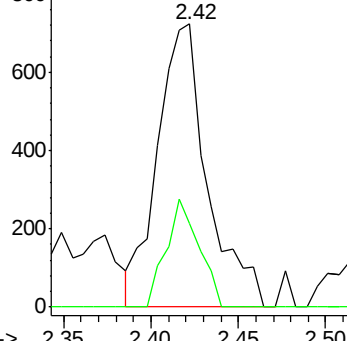
43 100

58 29.5 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#18

Methyl Acetate

Concen: 0.211 ug/l

RT: 2.75 min Scan# 273

Delta R.T. 0.01 min

Lab File: VX020070.D

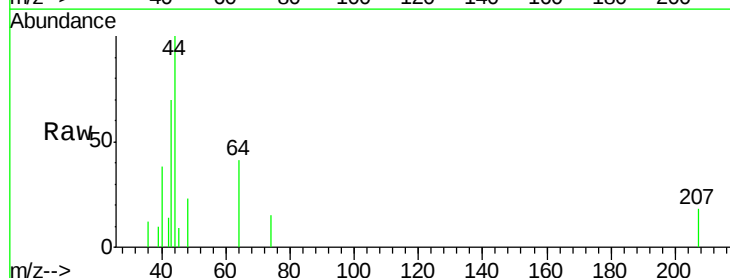
Acq: 16 Dec 2020 17:07

Tgt Ion: 43 Resp: 790

Ion Ratio Lower Upper

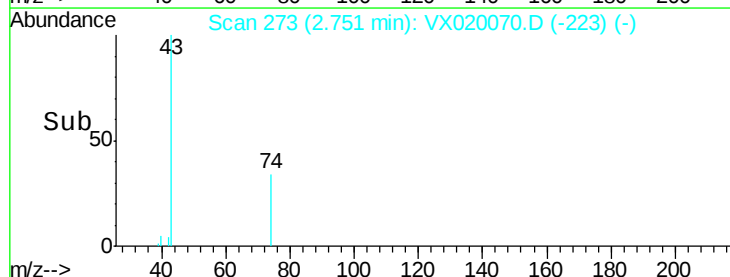
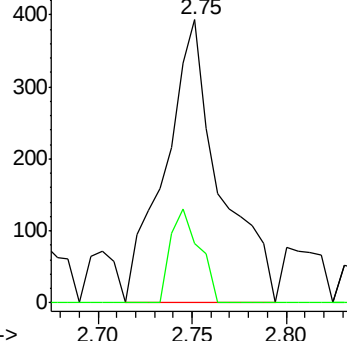
43 100

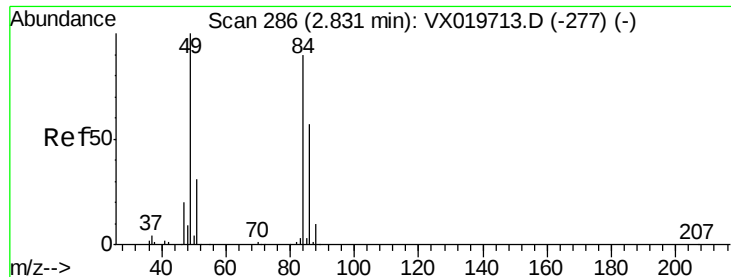
74 17.6 21.9 32.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

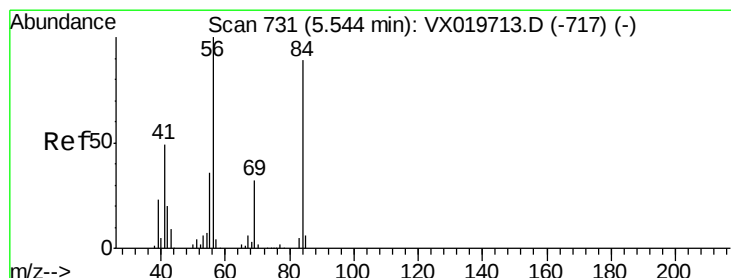
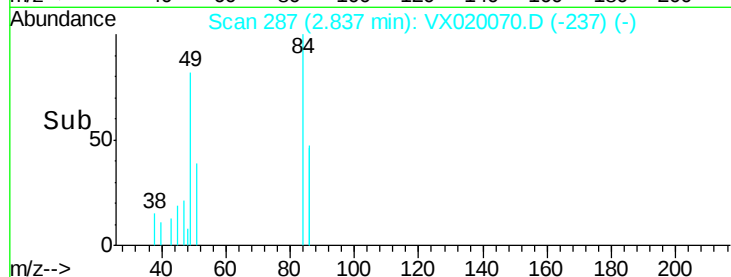
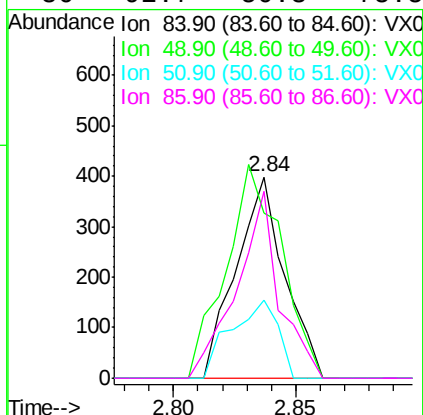
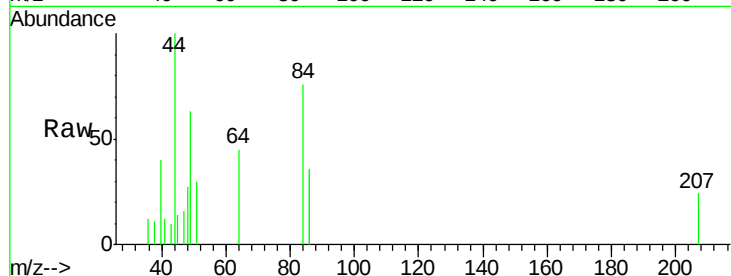




#20
Methylene Chloride
Concen: Below Cal
RT: 2.84 min Scan# 287
Delta R.T. 0.01 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

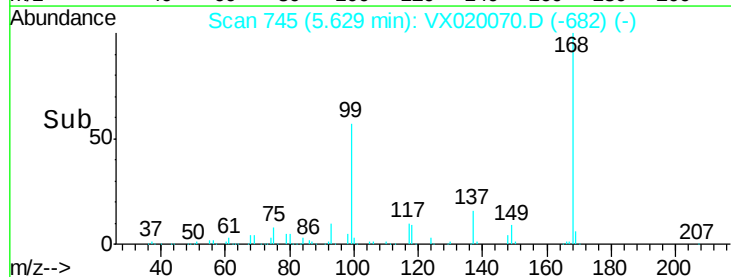
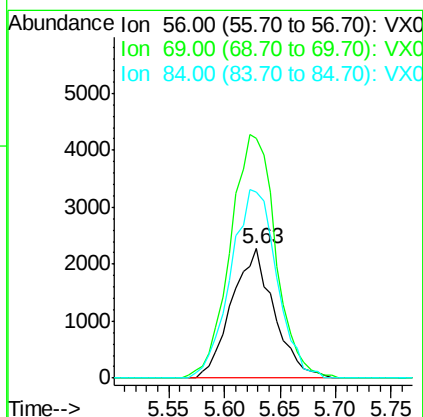
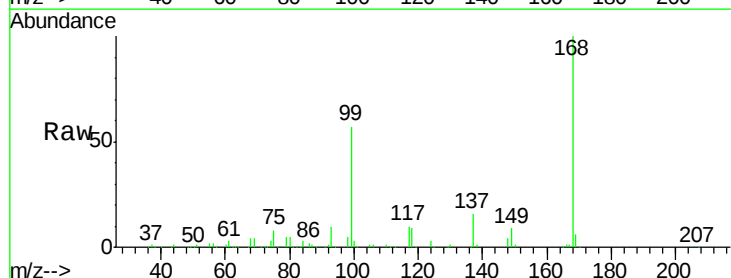
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

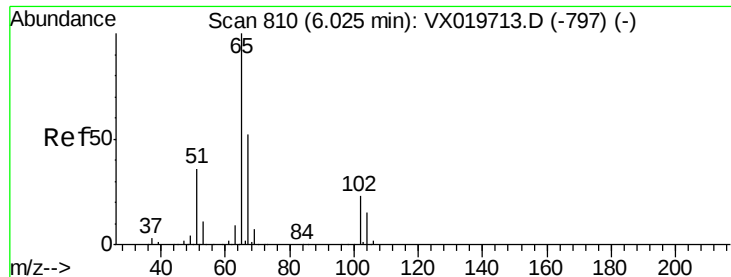
Tgt Ion: 84 Resp: 552
Ion Ratio Lower Upper
84 100
49 82.0 88.6 132.8#
51 38.8 27.0 40.6
86 92.7 50.3 75.5#



#31
Cyclohexane
Concen: 1.190 ug/l
RT: 5.63 min Scan# 745
Delta R.T. 0.09 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

Tgt Ion: 56 Resp: 6033
Ion Ratio Lower Upper
56 100
69 185.6 25.3 37.9#
84 143.5 71.4 107.0#

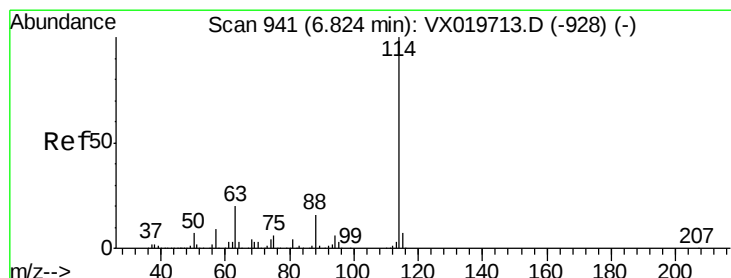
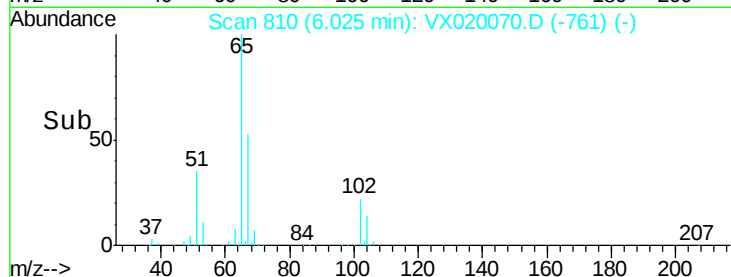
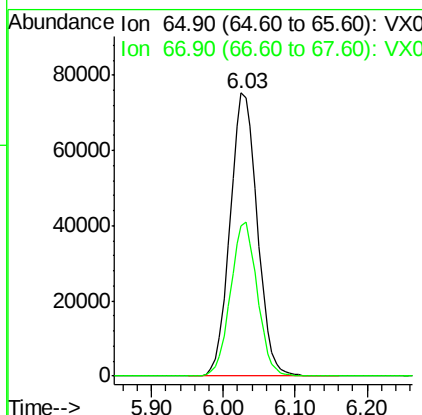
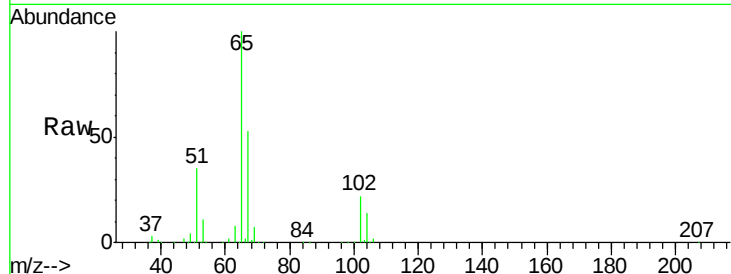




#33
 1,2-Dichloroethane-d4
 Concen: 48.514 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: VX020070.D
 Acq: 16 Dec 2020 17:07

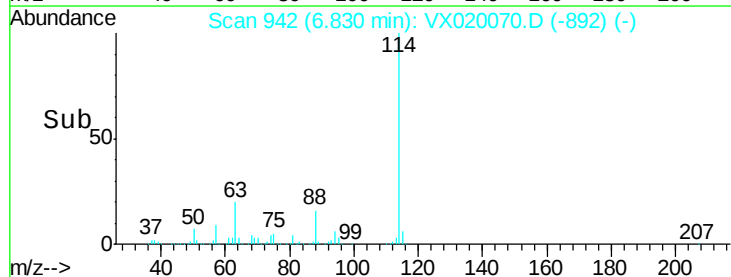
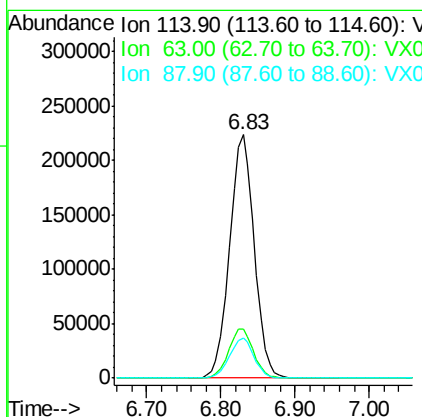
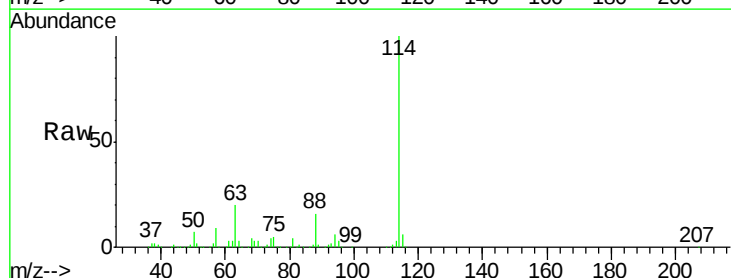
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-5

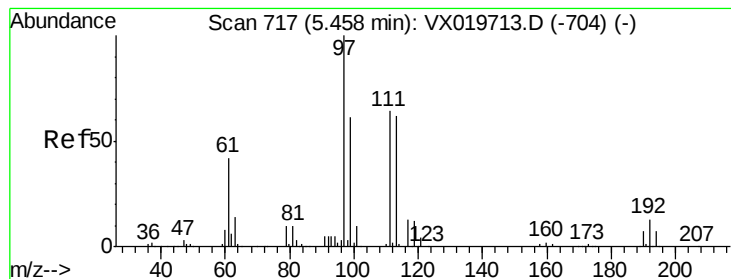
Tgt Ion: 65 Resp: 197808
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX020070.D
 Acq: 16 Dec 2020 17:07

Tgt Ion: 114 Resp: 516357
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.8
 88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.631 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

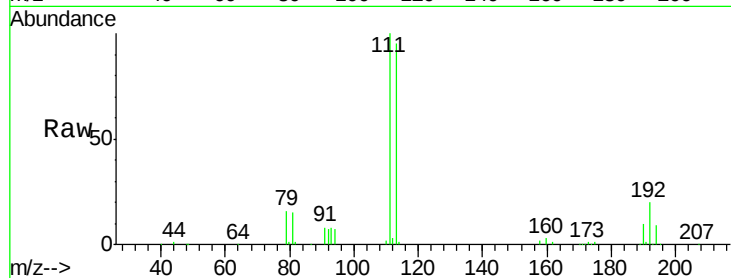
Tgt Ion:113 Resp: 158950

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

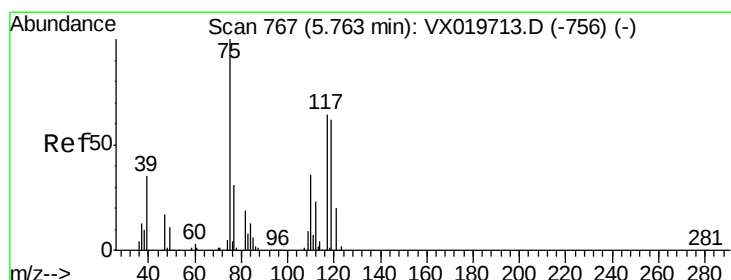
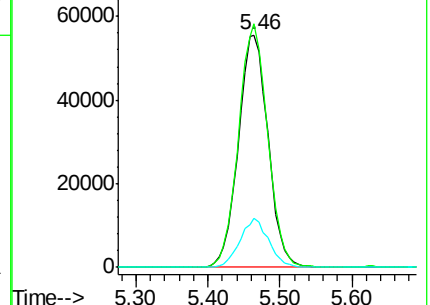
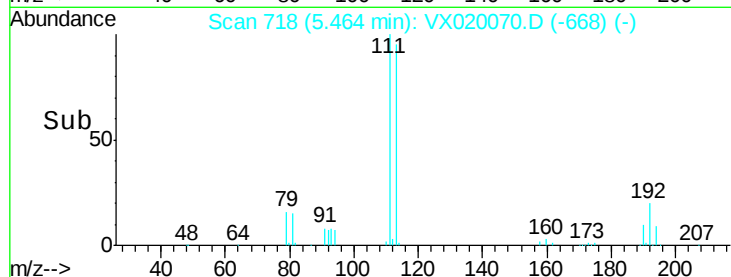
192 20.2 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 5.047 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.14 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

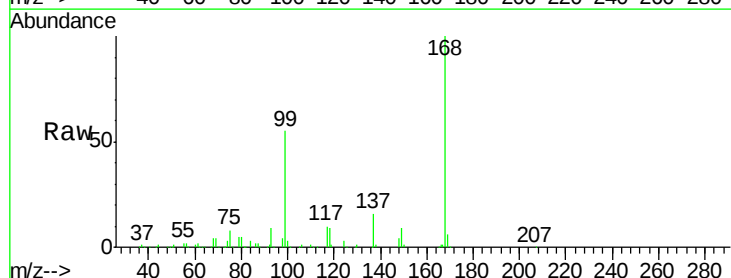
Tgt Ion: 75 Resp: 23551

Ion Ratio Lower Upper

75 100

110 8.6 18.1 54.4#

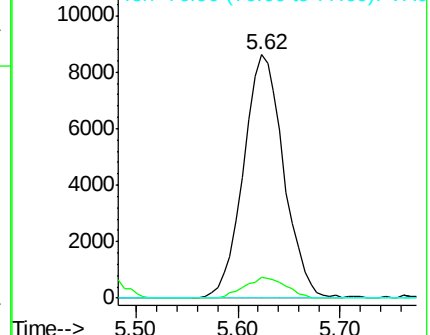
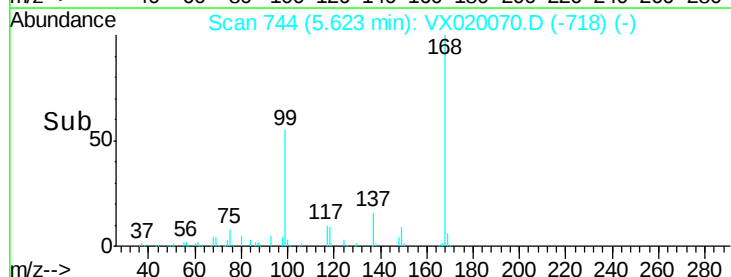
77 0.0 25.3 37.9#

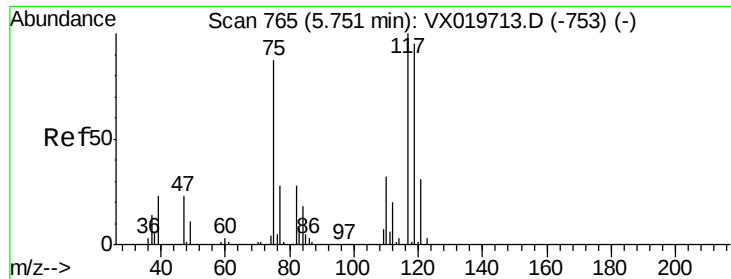


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

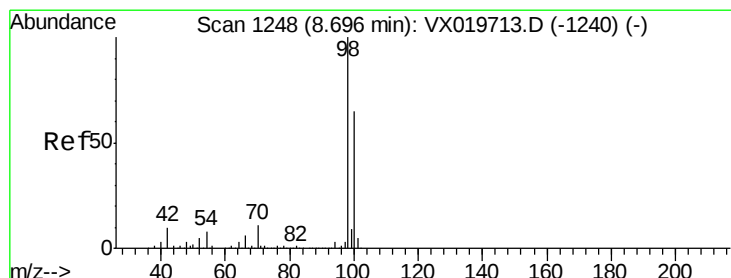
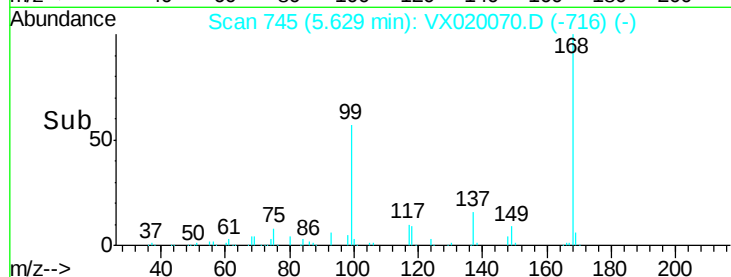
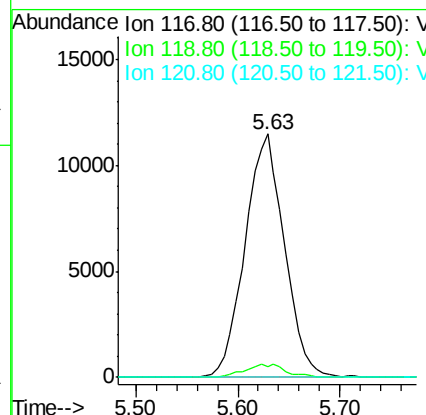
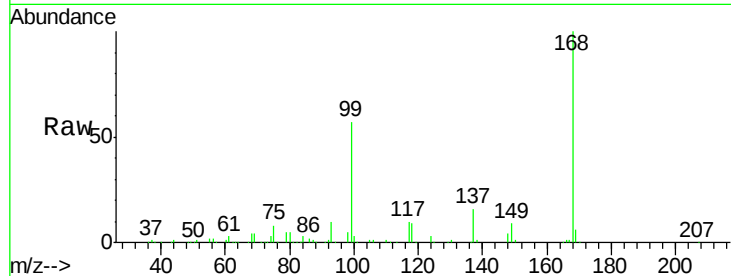




#38
Carbon Tetrachloride
Concen: 6.738 ug/l
RT: 5.63 min Scan# 745
Delta R.T. -0.12 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

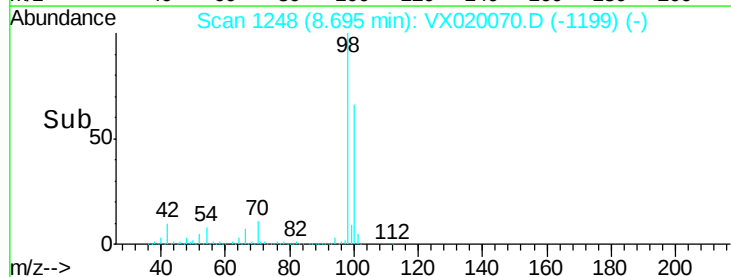
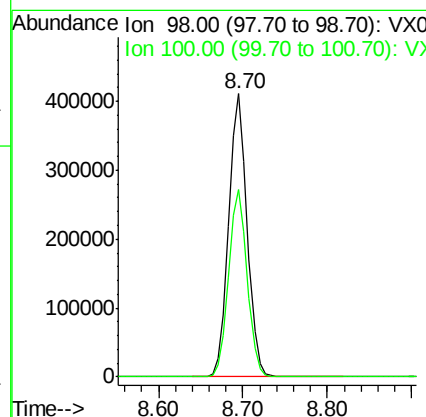
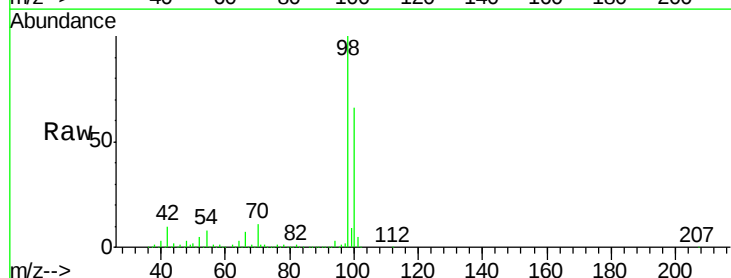
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-5

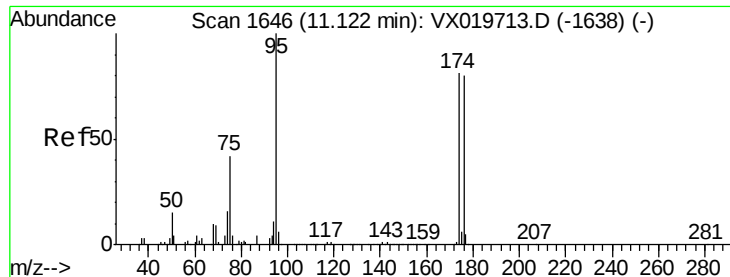
Tgt Ion: 117 Resp: 30789
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.2#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 48.337 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020070.D
Acq: 16 Dec 2020 17:07

Tgt Ion: 98 Resp: 615834
Ion Ratio Lower Upper
98 100
100 66.5 51.9 77.9





#62

4-Bromofluorobenzene

Concen: 44.715 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

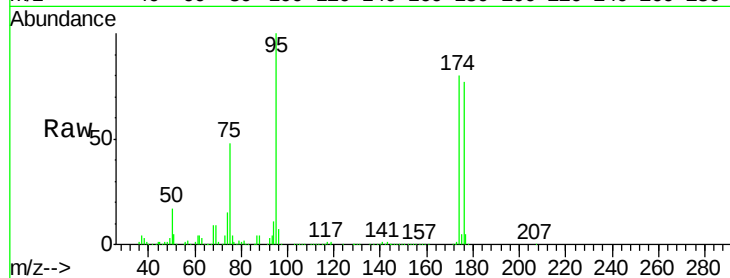
Tgt Ion: 95 Resp: 216830

Ion Ratio Lower Upper

95 100

174 77.5 0.0 154.6

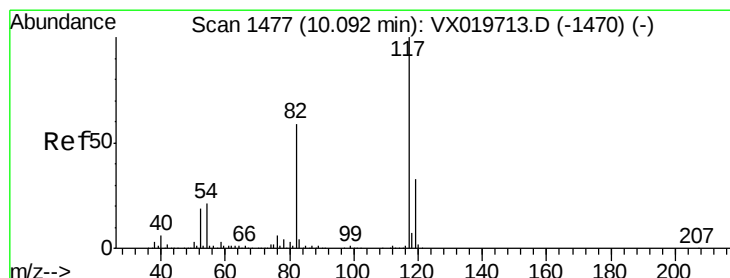
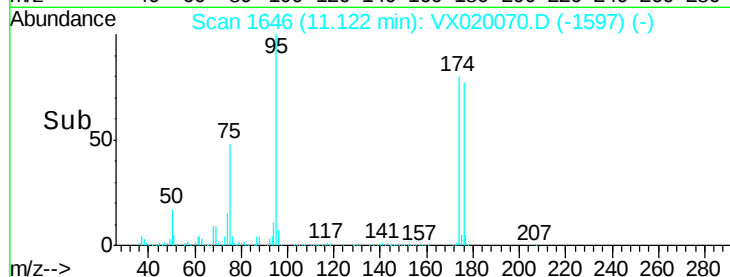
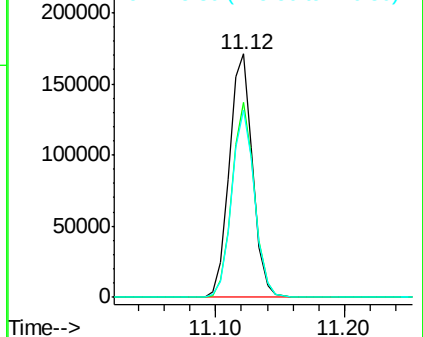
176 75.6 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

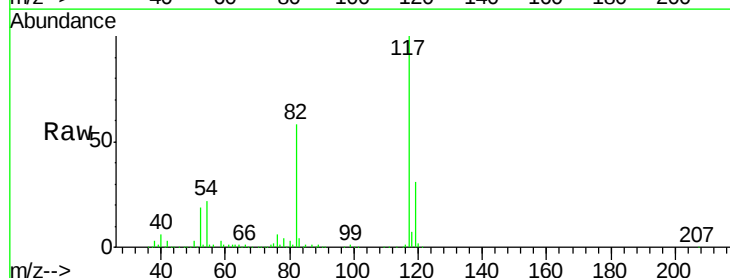
Tgt Ion: 117 Resp: 465063

Ion Ratio Lower Upper

117 100

82 58.1 47.4 71.2

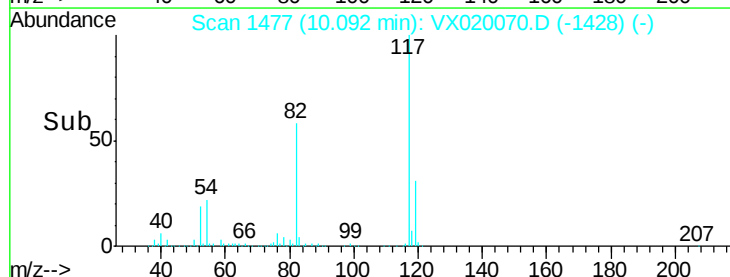
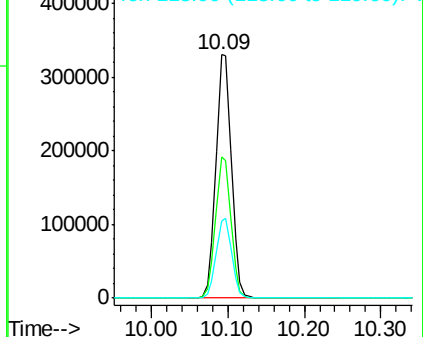
119 31.5 26.6 39.8

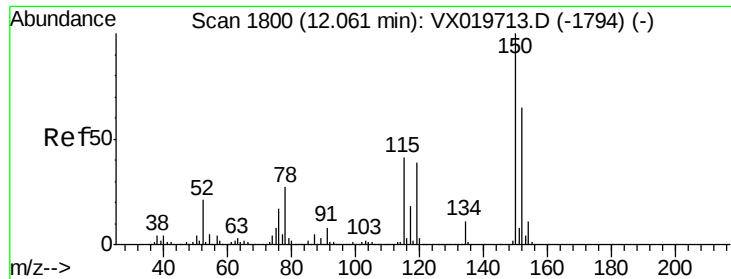


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

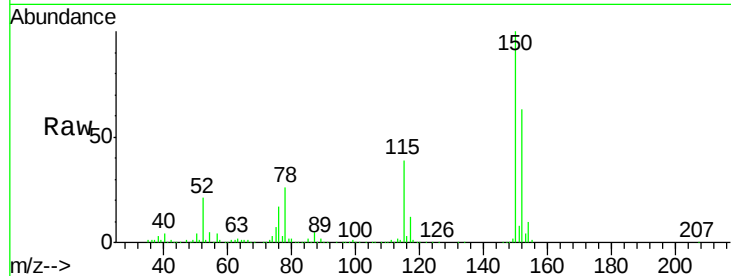
Tgt Ion: 152 Resp: 201997

Ion Ratio Lower Upper

152 100

115 60.8 41.1 123.3

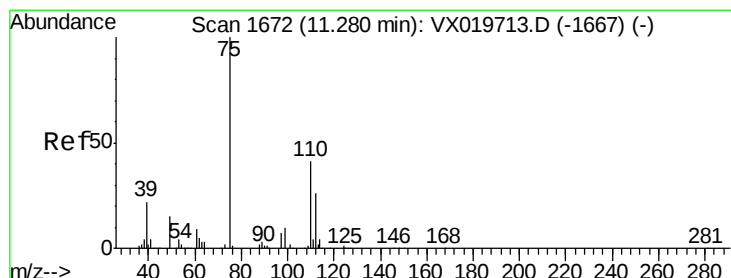
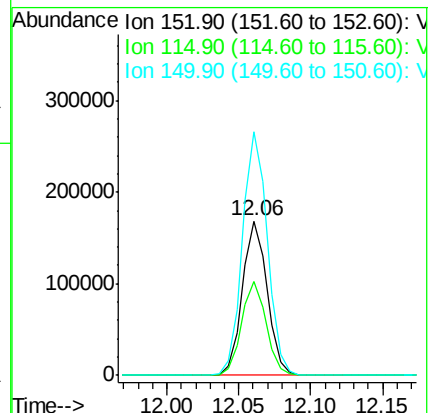
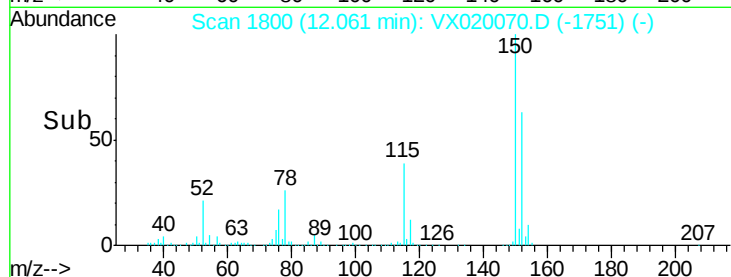
150 158.7 0.0 349.0



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#76

1,2,3-Trichloropropane

Concen: 23.319 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.16 min

Lab File: VX020070.D

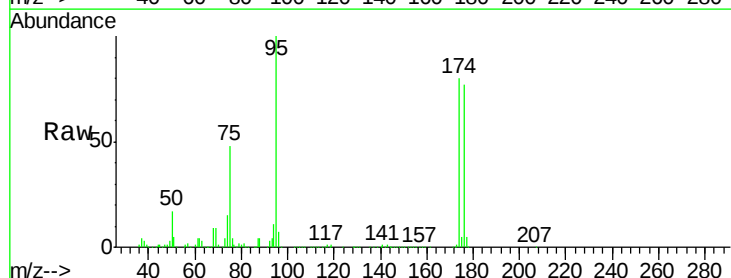
Acq: 16 Dec 2020 17:07

Tgt Ion: 75 Resp: 105646

Ion Ratio Lower Upper

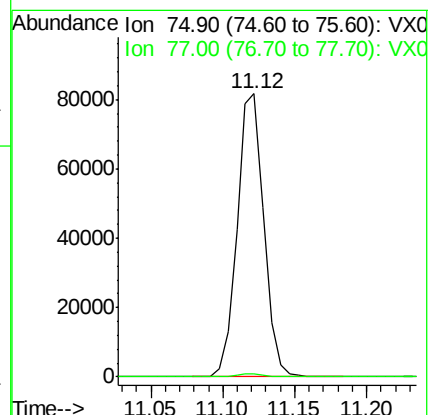
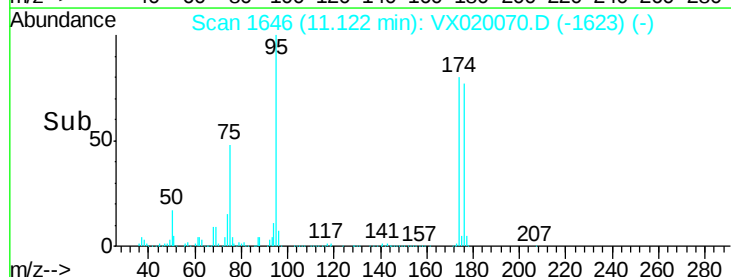
75 100

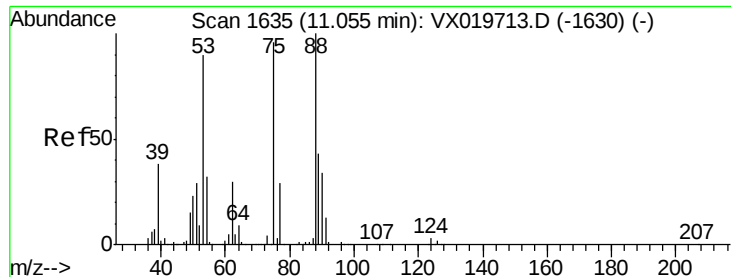
77 1.2 19.1 57.5#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 67.411 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.07 min

Lab File: VX020070.D

Acq: 16 Dec 2020 17:07

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-5

Tgt Ion: 75 Resp: 105646

Ion Ratio Lower Upper

75 100

53 0.0 74.5 111.7#

89 0.0 37.9 56.9#

