

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020071.D
 Acq On : 16 Dec 2020 17:30
 Operator : JC/MD
 Sample : L5050-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Dec 17 00:31:52 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	298581	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	502632	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	458593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	201335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	193457	49.30	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.60%		
35) Dibromofluoromethane	5.46	113	155193	47.77	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	95.54%		
50) Toluene-d8	8.70	98	601190	48.48	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.96%		
62) 4-Bromofluorobenzene	11.12	95	213054	45.14	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.28%		

Target Compounds

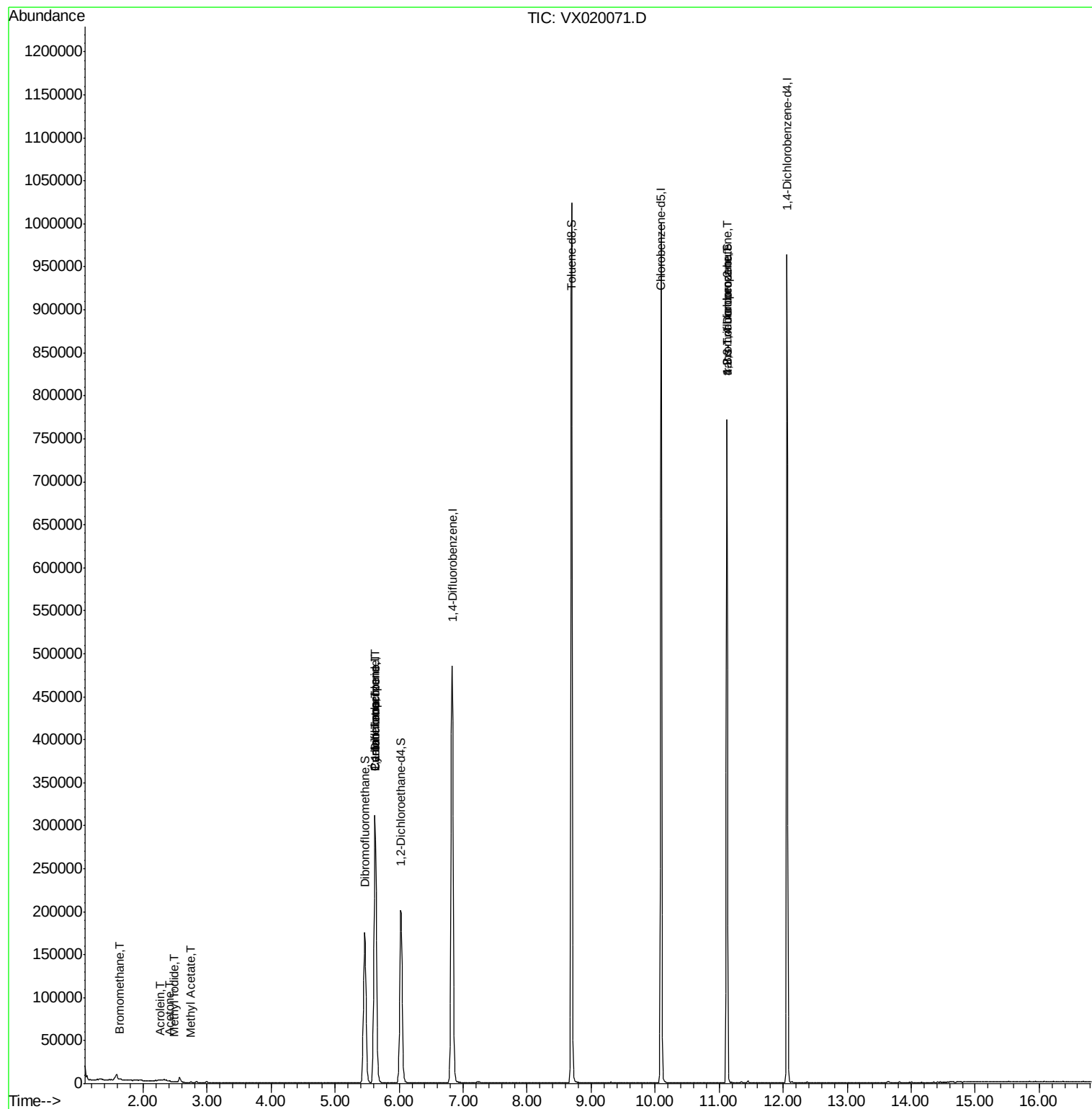
					Qvalue	
5) Bromomethane	1.64	94	695	0.617	ug/l	89
10) Methyl Iodide	2.50	142	1009	0.253	ug/l #	97
11) Tert butyl alcohol	3.00	59	771	Below Cal	#	73
13) Acrolein	2.27	56	106	0.245	ug/l #	37
16) Acetone	2.41	43	1742	1.181	ug/l #	86
18) Methyl Acetate	2.75	43	1179	0.327	ug/l #	71
20) Methylene Chloride	2.83	84	551	Below Cal		91
31) Cyclohexane	5.62	56	5774	1.183	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	22998	5.063	ug/l #	48
38) Carbon Tetrachloride	5.62	117	29541	6.642	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	103409	22.900	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	103409	66.201	ug/l #	12

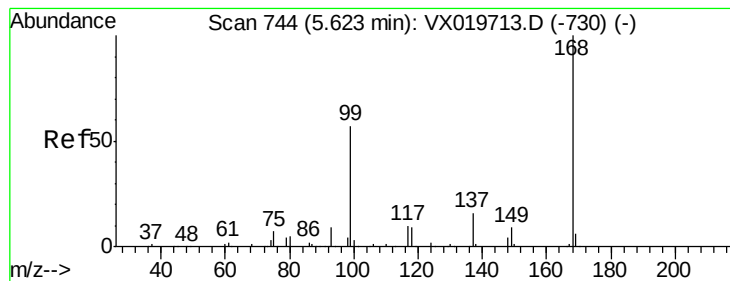
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
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Quant Time: Dec 17 00:31:52 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: VX020071.D

Acq: 16 Dec 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

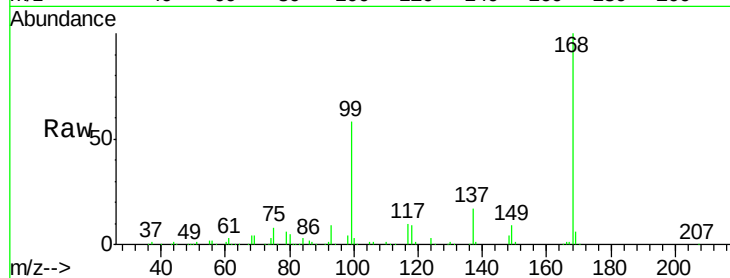
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 168 Resp: 298581

Ion Ratio Lower Upper

168 100

99 58.5 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

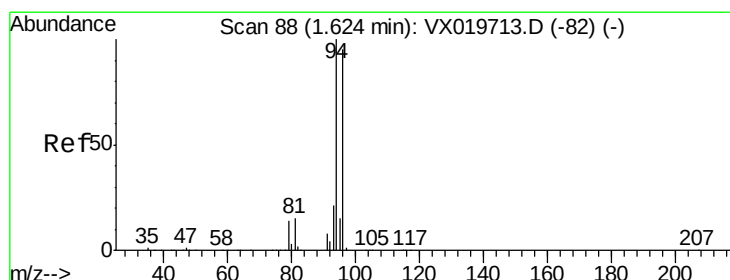
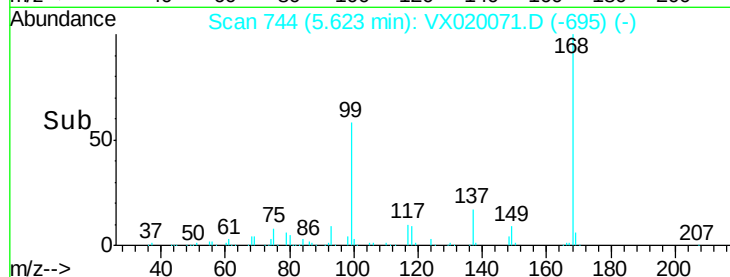
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: 0.617 ug/l

RT: 1.64 min Scan# 90

Delta R.T. 0.01 min

Lab File: VX020071.D

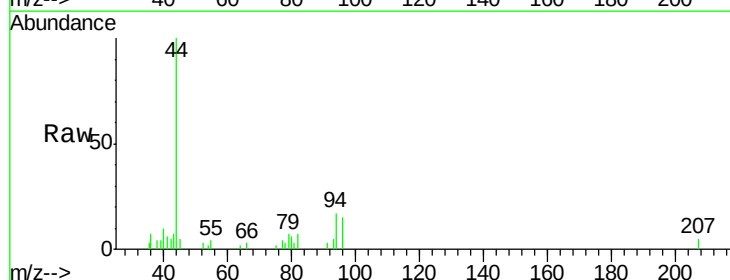
Acq: 16 Dec 2020 17:30

Tgt Ion: 94 Resp: 695

Ion Ratio Lower Upper

94 100

96 84.9 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

400

300

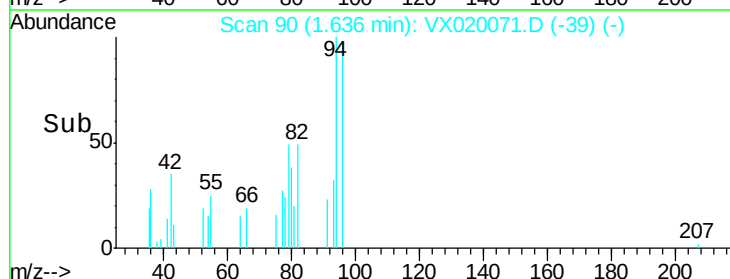
200

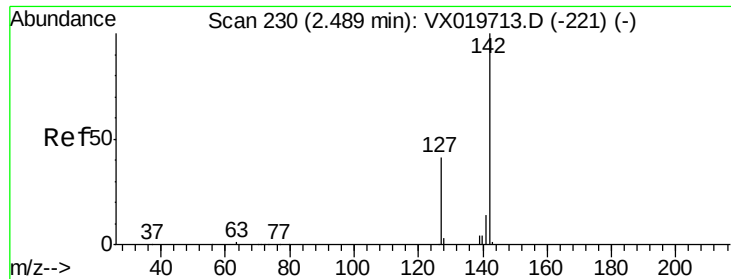
100

0

Time-->

1.60 1.65 1.70

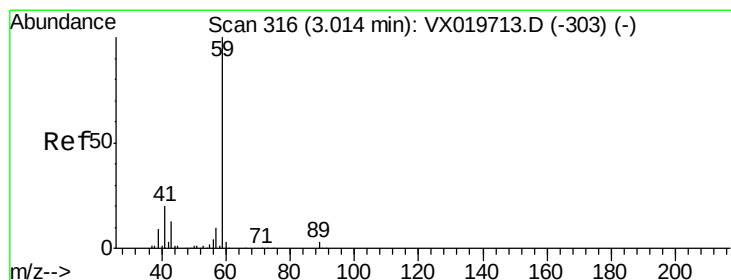
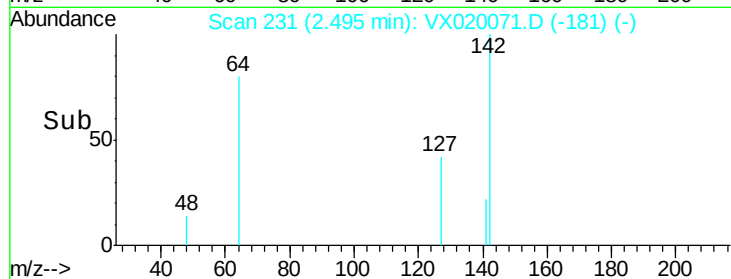
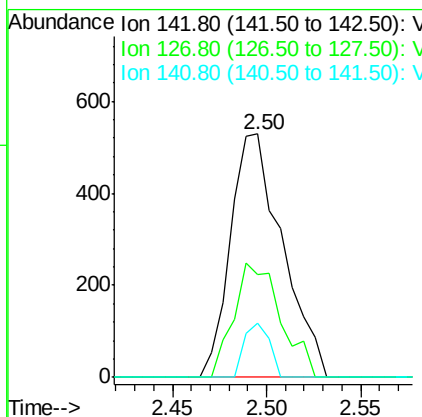
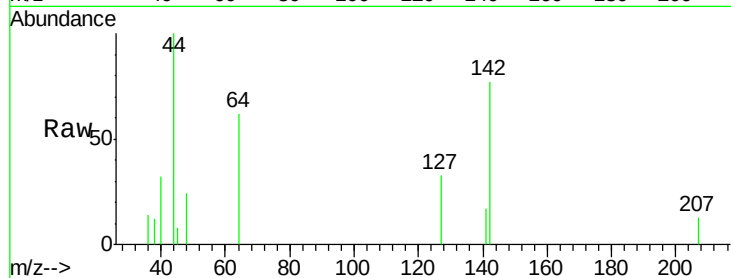




#10
Methyl Iodide
Concen: 0.253 ug/l
RT: 2.50 min Scan# 231
Delta R.T. 0.01 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

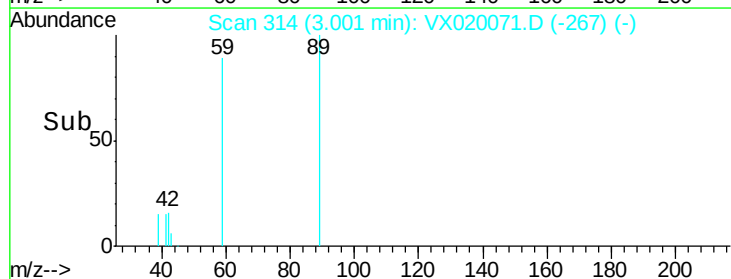
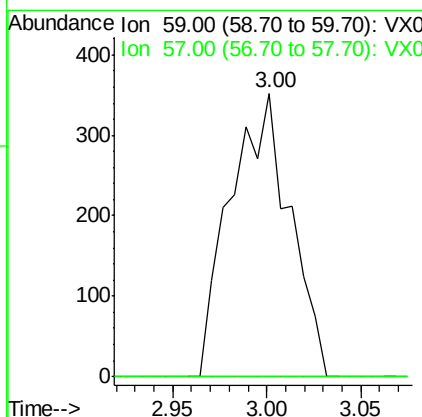
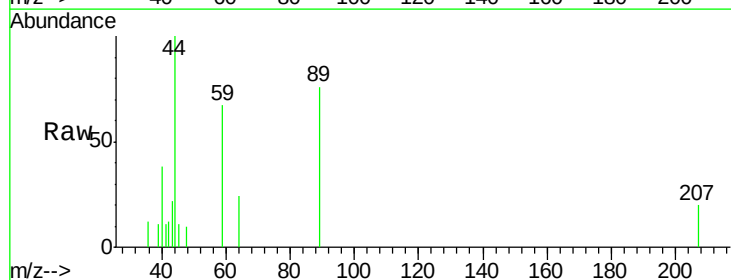
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

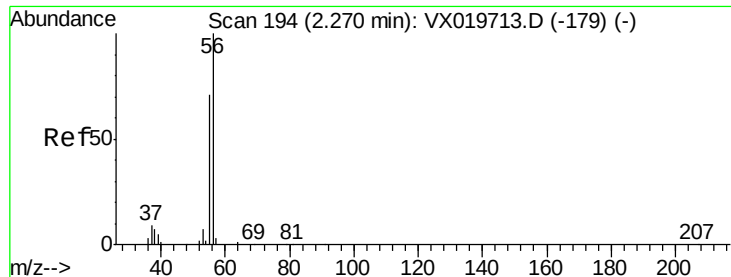
Tgt Ion:142 Resp: 1009
Ion Ratio Lower Upper
142 100
127 42.2 33.3 49.9
141 10.7 11.4 17.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.00 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

Tgt Ion: 59 Resp: 771
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#





#13

Acrolein

Concen: 0.245 ug/l

RT: 2.27 min Scan# 194

Delta R.T. -0.00 min

Lab File: VX020071.D

Acq: 16 Dec 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

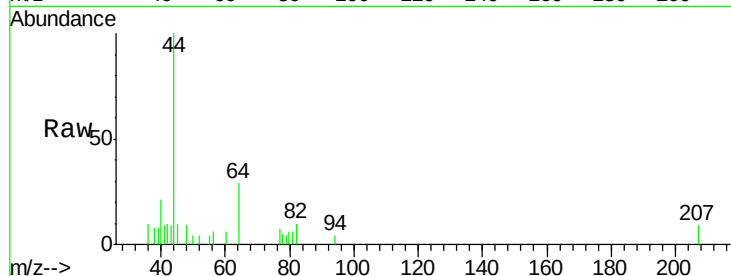
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 56 Resp: 106

Ion Ratio Lower Upper

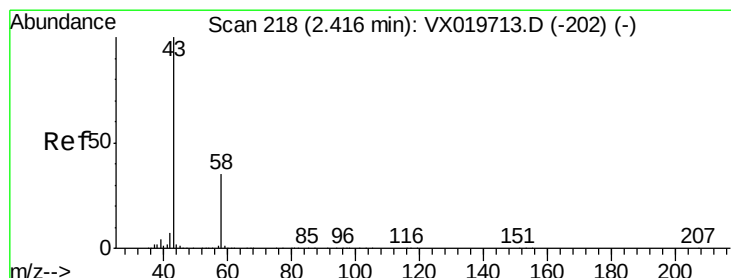
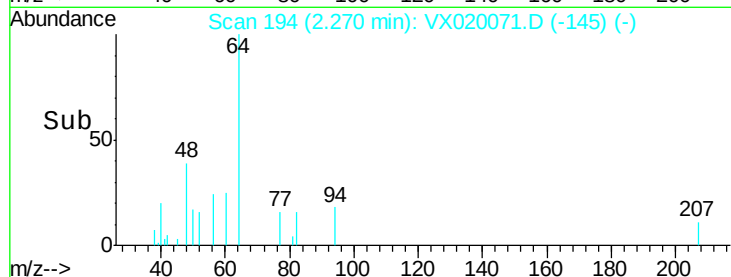
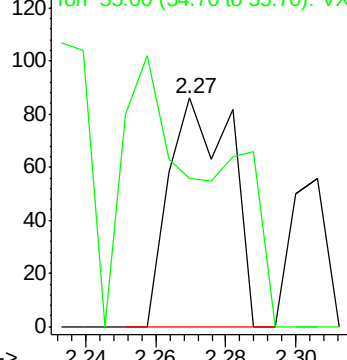
56 100

55 122.6 56.4 84.6#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 1.181 ug/l

RT: 2.41 min Scan# 217

Delta R.T. -0.01 min

Lab File: VX020071.D

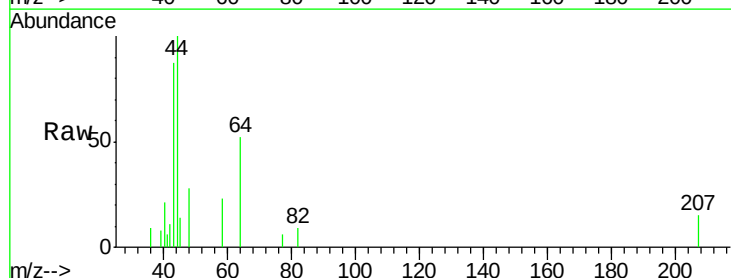
Acq: 16 Dec 2020 17:30

Tgt Ion: 43 Resp: 1742

Ion Ratio Lower Upper

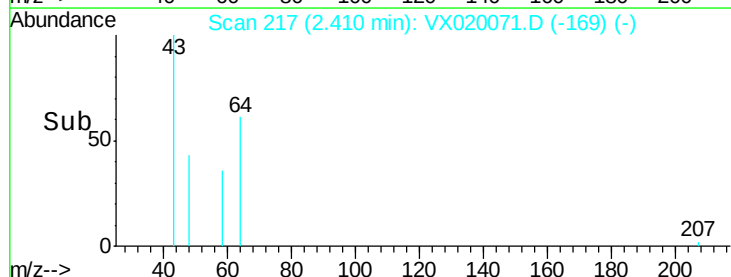
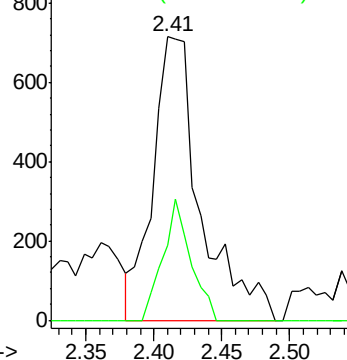
43 100

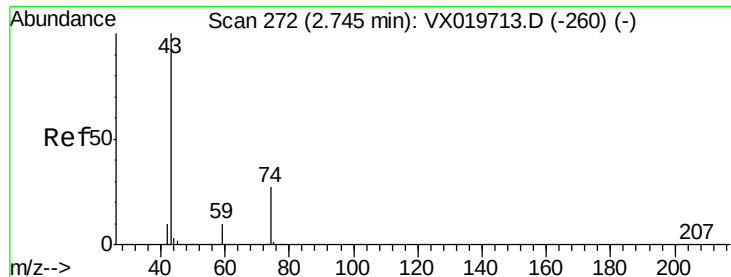
58 26.6 27.8 41.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

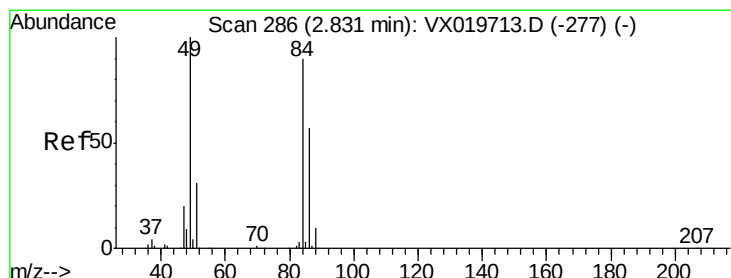
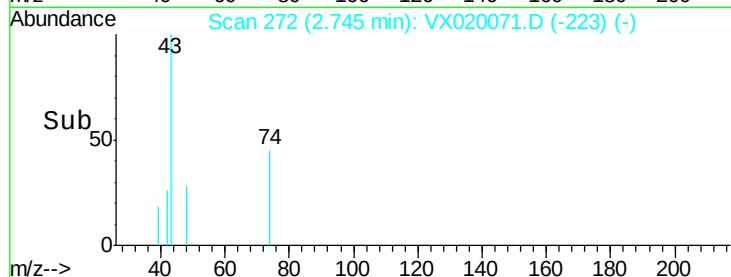
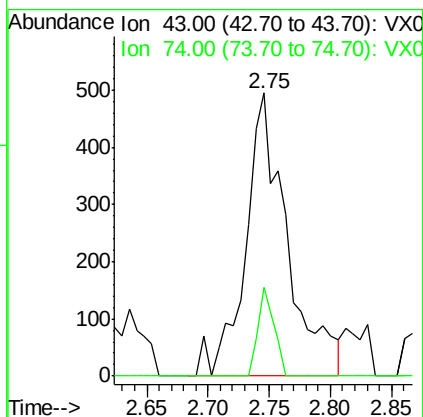
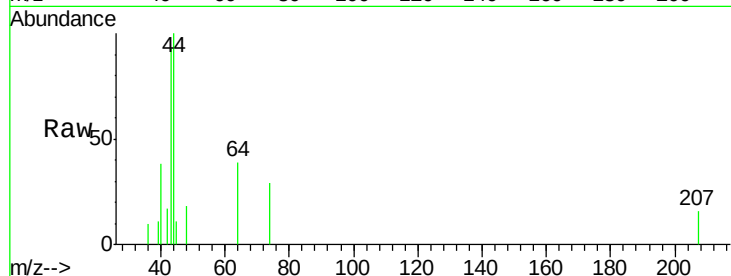




#18
Methyl Acetate
Concen: 0.327 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

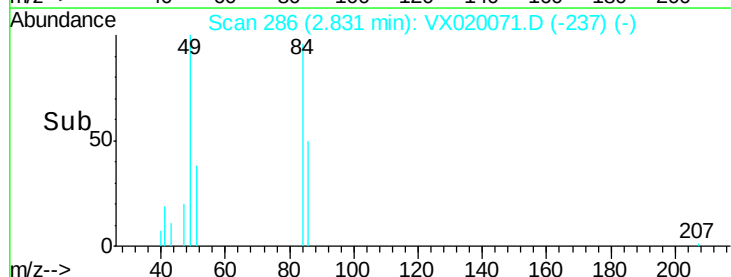
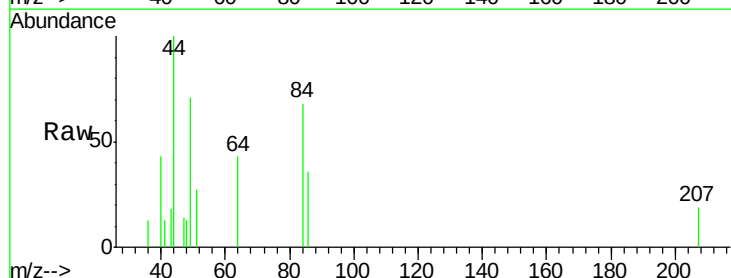
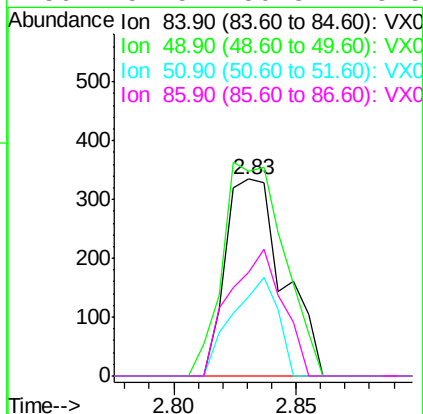
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

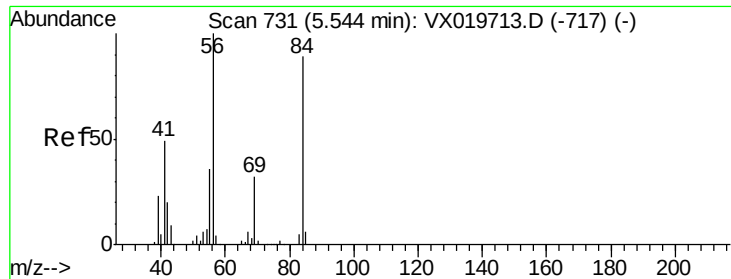
Tgt Ion: 43 Resp: 1179
Ion Ratio Lower Upper
43 100
74 12.3 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

Tgt Ion: 84 Resp: 551
Ion Ratio Lower Upper
84 100
49 104.2 88.6 132.8
51 40.0 27.0 40.6
86 52.5 50.3 75.5

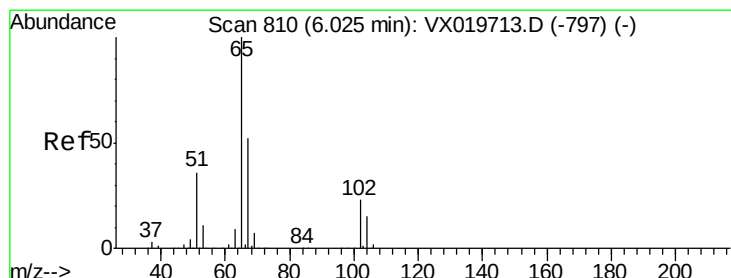
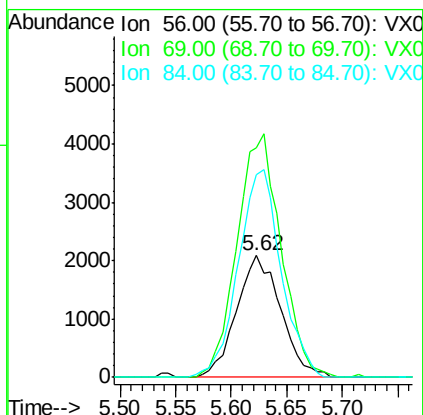
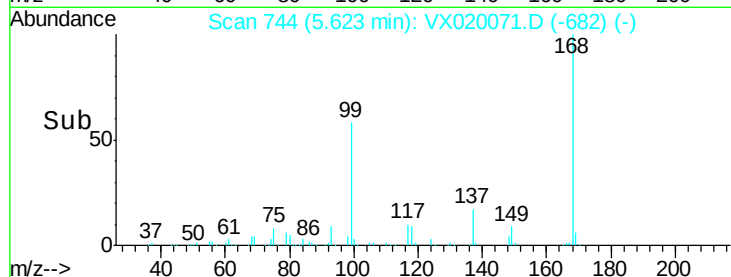
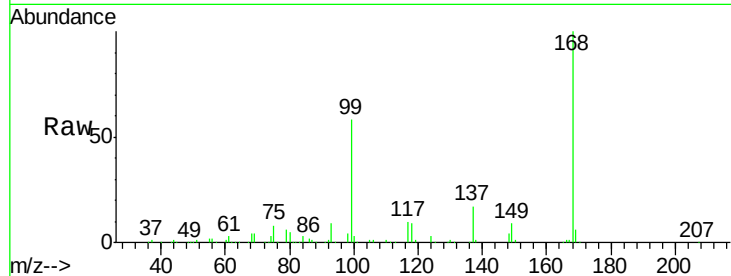




#31
Cyclohexane
Concen: 1.183 ug/l
RT: 5.62 min Scan# 744
Delta R.T. 0.08 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

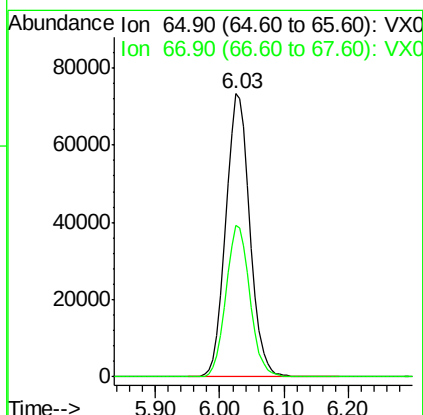
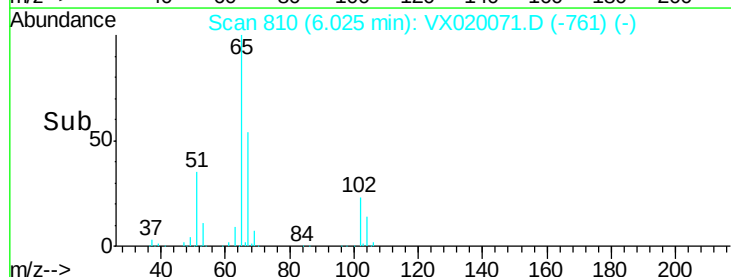
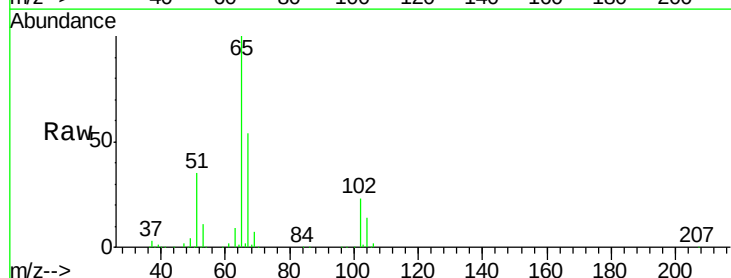
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

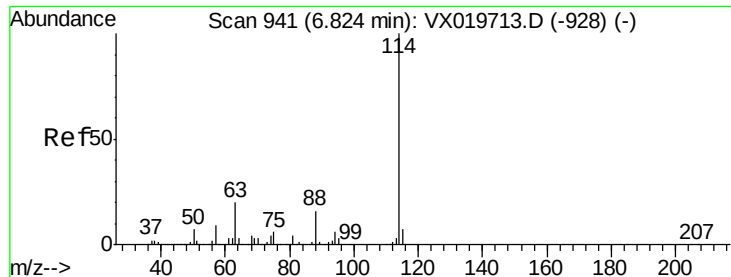
Tgt Ion: 56 Resp: 5774
Ion Ratio Lower Upper
56 100
69 188.4 25.3 37.9#
84 167.1 71.4 107.0#



#33
1,2-Dichloroethane-d4
Concen: 49.298 ug/l
RT: 6.03 min Scan# 810
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

Tgt Ion: 65 Resp: 193457
Ion Ratio Lower Upper
65 100
67 53.2 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: VX020071.D

Acq: 16 Dec 2020 17:30

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-WATER-REF-4

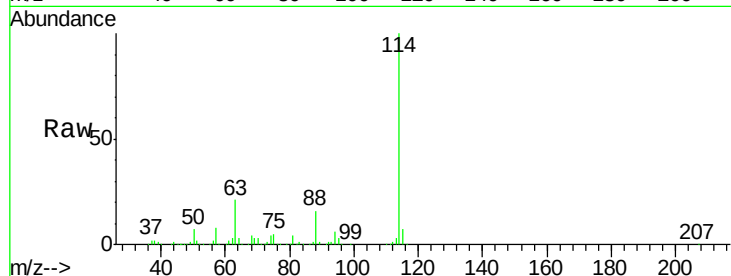
Tgt Ion:114 Resp: 502632

Ion Ratio Lower Upper

114 100

63 20.6 0.0 40.8

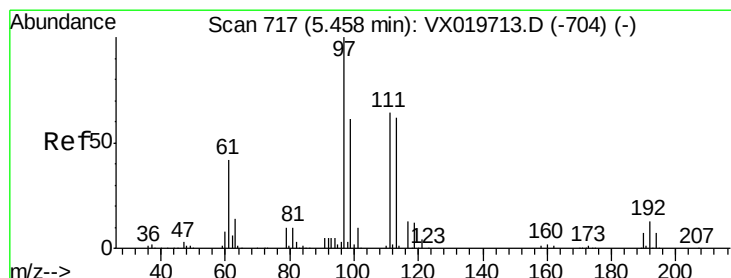
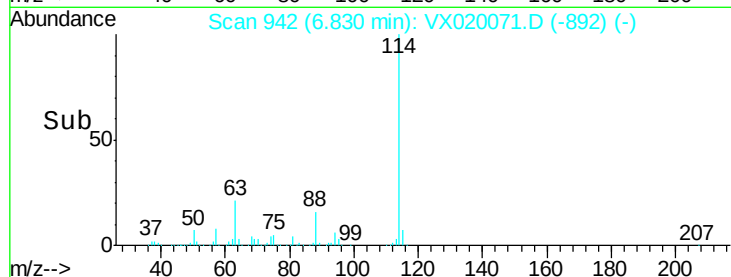
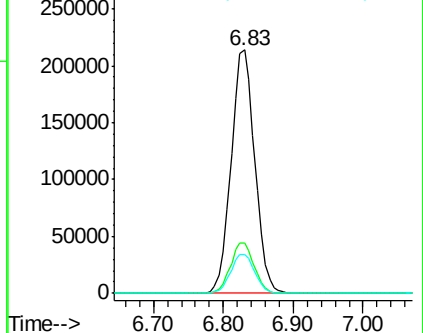
88 15.9 0.0 32.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 47.775 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020071.D

Acq: 16 Dec 2020 17:30

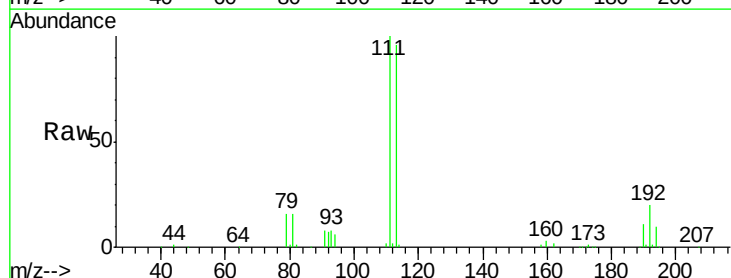
Tgt Ion:113 Resp: 155193

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

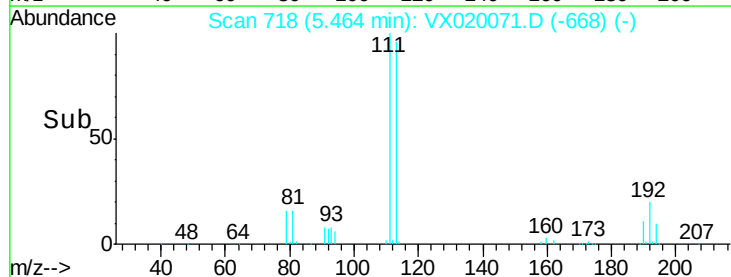
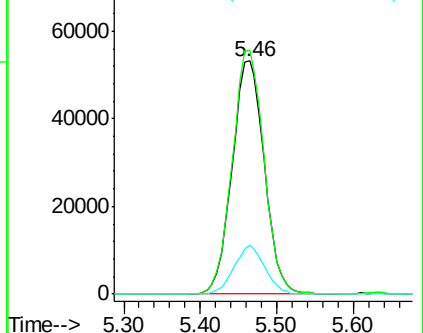
192 20.1 16.7 25.1

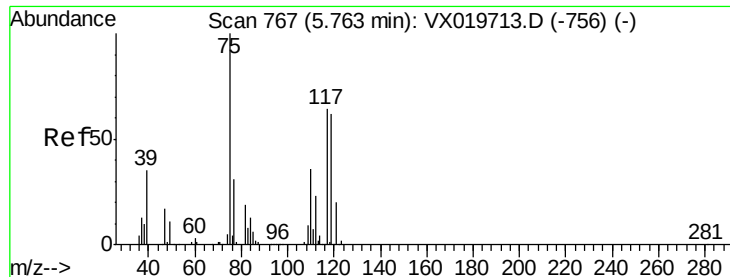


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

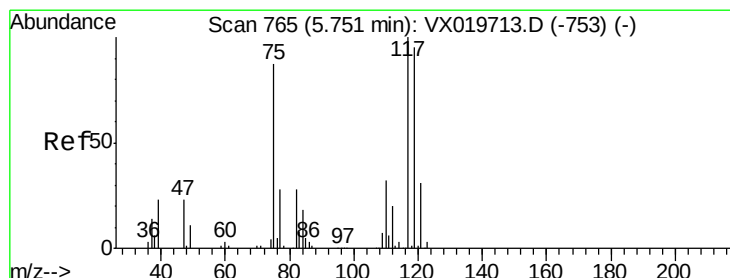
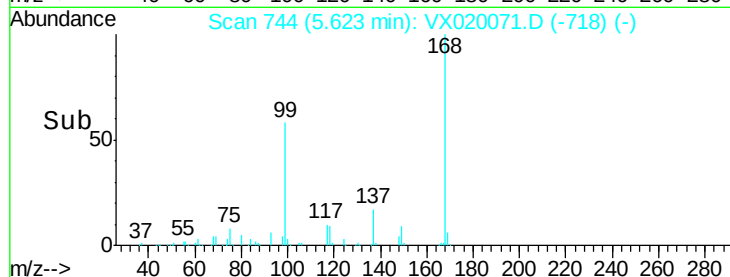
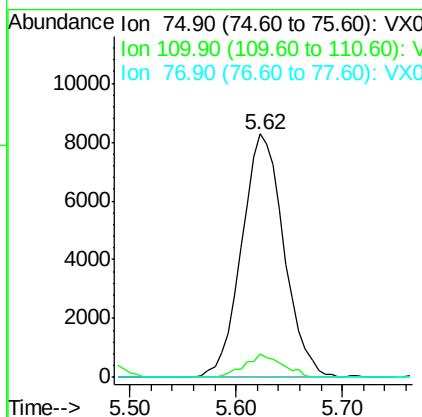
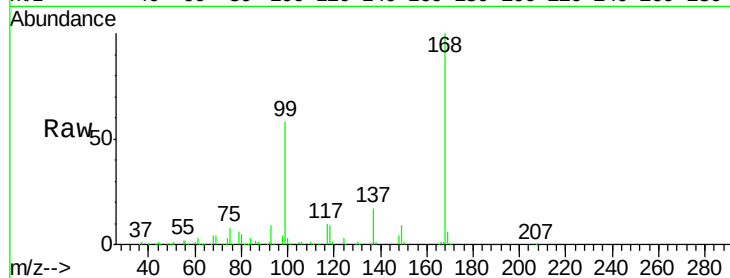




#36
 1,1-Dichloropropene
 Concen: 5.063 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX020071.D
 Acq: 16 Dec 2020 17:30

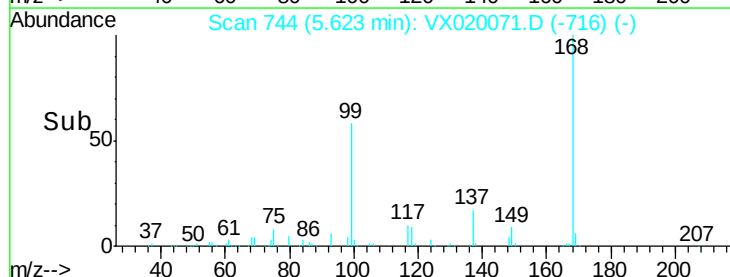
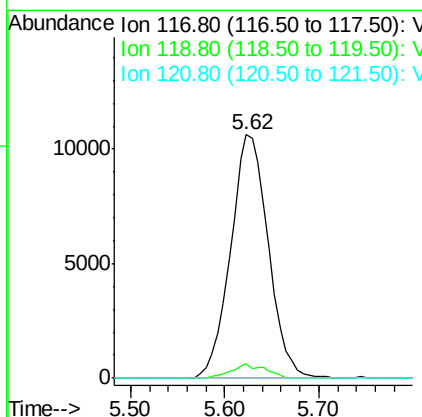
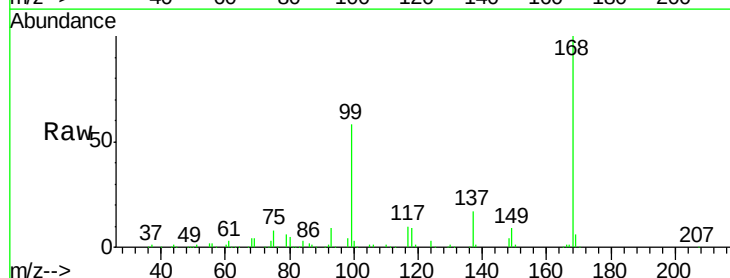
Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

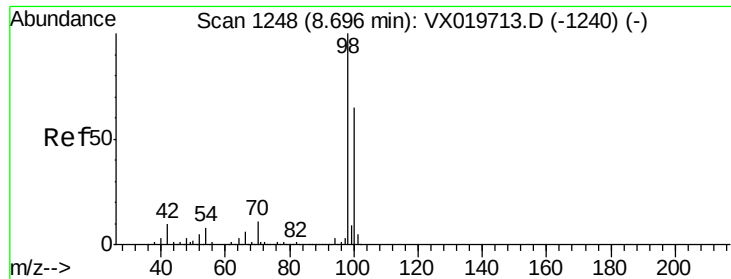
Tgt Ion: 75 Resp: 22998
 Ion Ratio Lower Upper
 75 100
 110 8.6 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.642 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX020071.D
 Acq: 16 Dec 2020 17:30

Tgt Ion: 117 Resp: 29541
 Ion Ratio Lower Upper
 117 100
 119 5.7 76.2 114.2#
 121 0.0 24.8 37.2#

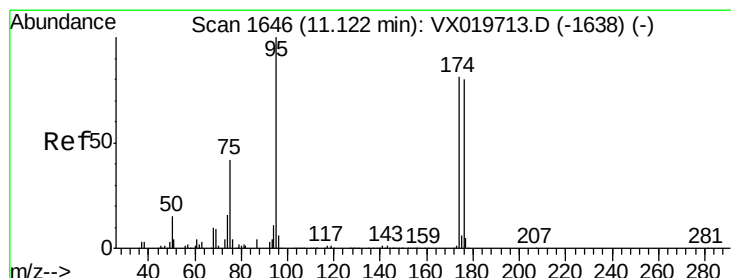
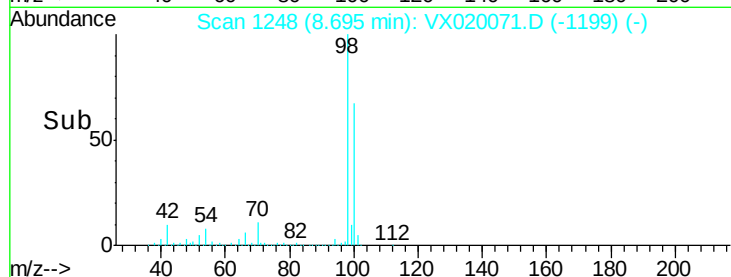
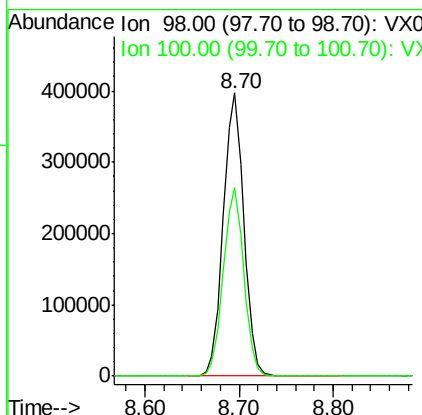
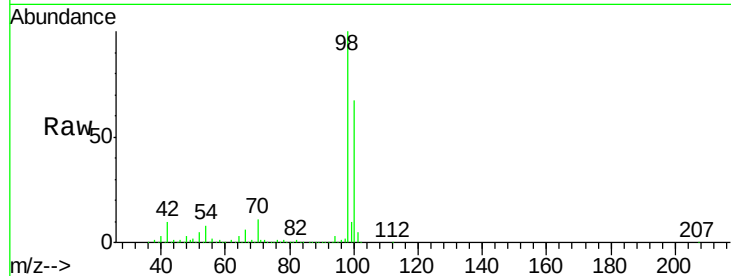




#50
Toluene-d8
Concen: 48.476 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

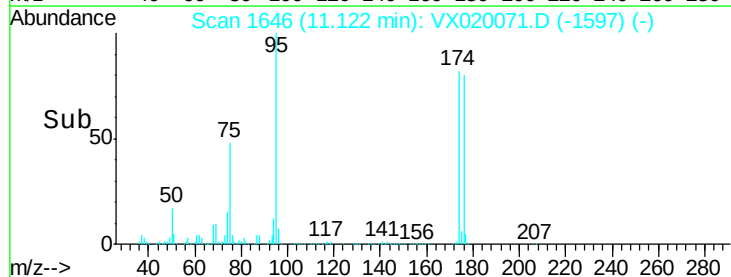
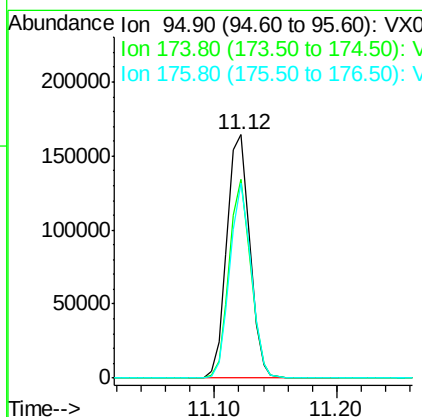
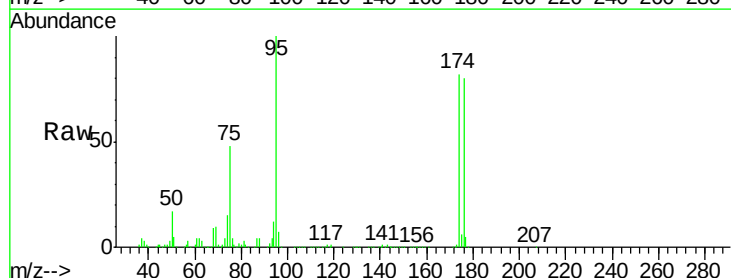
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

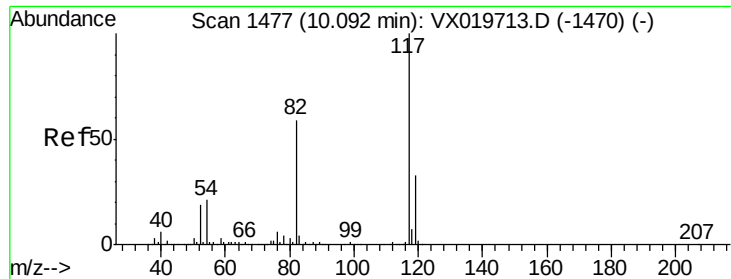
Tgt Ion: 98 Resp: 601190
Ion Ratio Lower Upper
98 100
100 66.4 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 45.136 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

Tgt Ion: 95 Resp: 213054
Ion Ratio Lower Upper
95 100
174 77.2 0.0 154.6
176 74.4 0.0 155.8

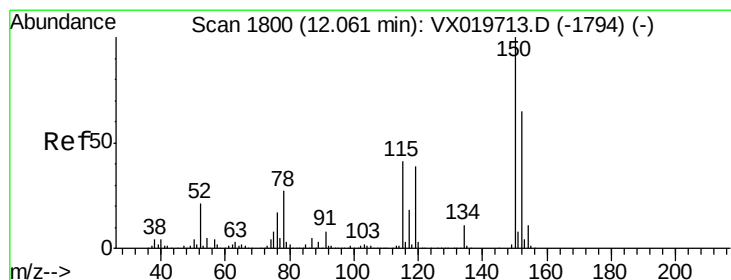
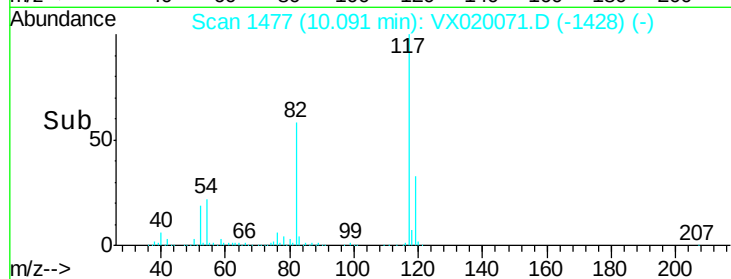
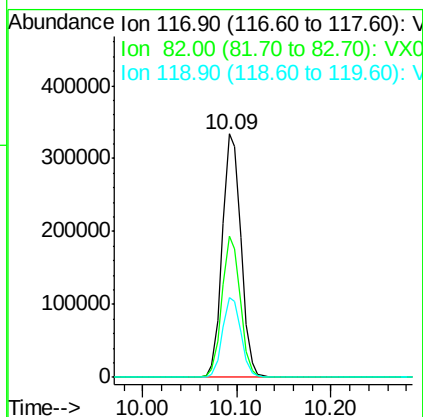
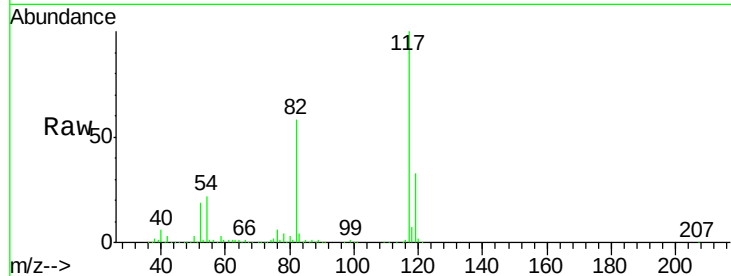




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

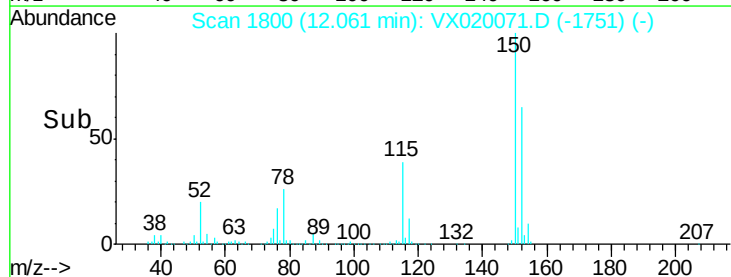
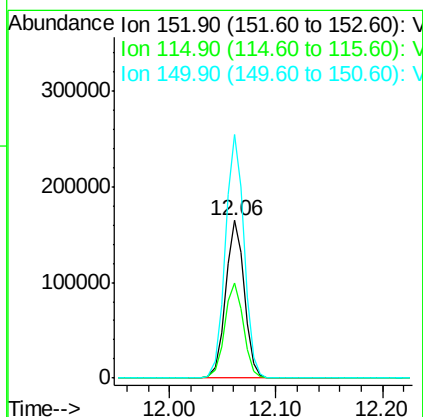
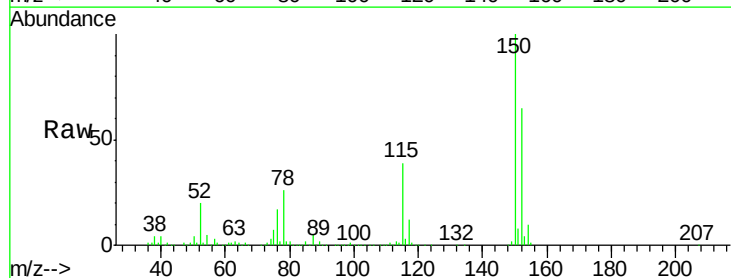
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

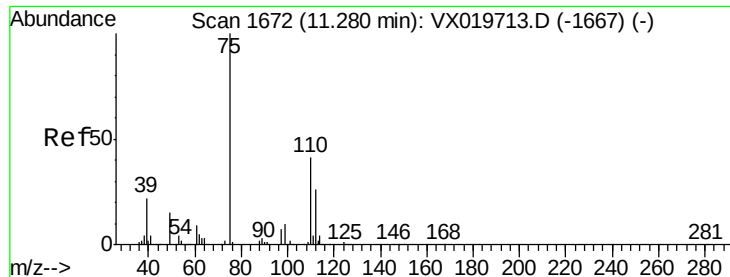
Tgt Ion:117 Resp: 458593
Ion Ratio Lower Upper
117 100
82 58.1 47.4 71.2
119 32.6 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020071.D
Acq: 16 Dec 2020 17:30

Tgt Ion:152 Resp: 201335
Ion Ratio Lower Upper
152 100
115 60.4 41.1 123.3
150 155.5 0.0 349.0

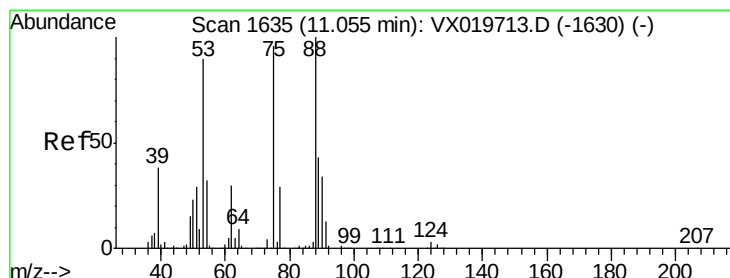
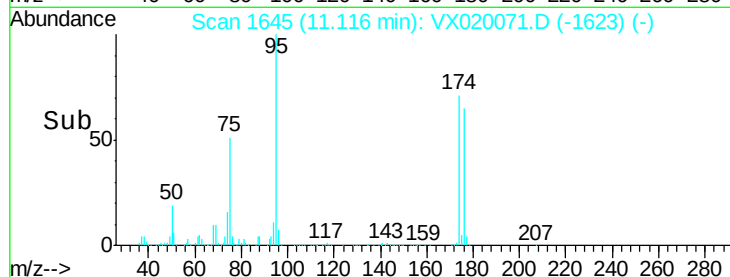
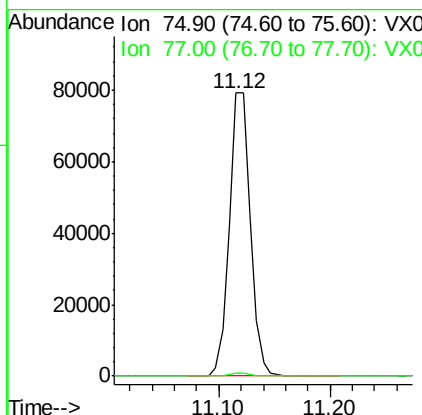
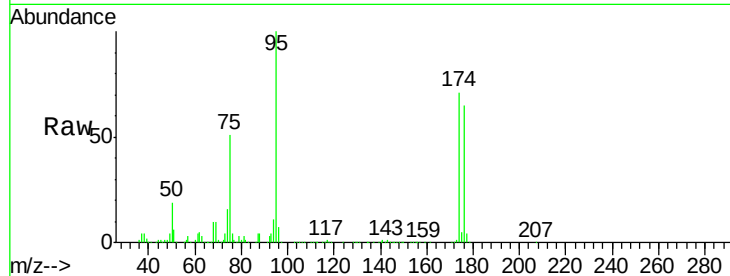




#76
 1,2,3-Trichloropropane
 Concen: 22.900 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.16 min
 Lab File: VX020071.D
 Acq: 16 Dec 2020 17:30

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

Tgt Ion: 75 Resp: 103409
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.201 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. 0.06 min
 Lab File: VX020071.D
 Acq: 16 Dec 2020 17:30

Tgt Ion: 75 Resp: 103409
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

