

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020106.D
 Acq On : 17 Dec 2020 07:50
 Operator : JC/MD
 Sample : L5116-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 17 08:18:52 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	5.63	168	296130	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	502896	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	469814	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	195147	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196296	50.44	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	100.88%
35) Dibromofluoromethane	5.46	113	155977	47.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	95.98%
50) Toluene-d8	8.70	98	607748	48.98	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.96%
62) 4-Bromofluorobenzene	11.12	95	213718	45.25	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	90.50%

Target Compounds

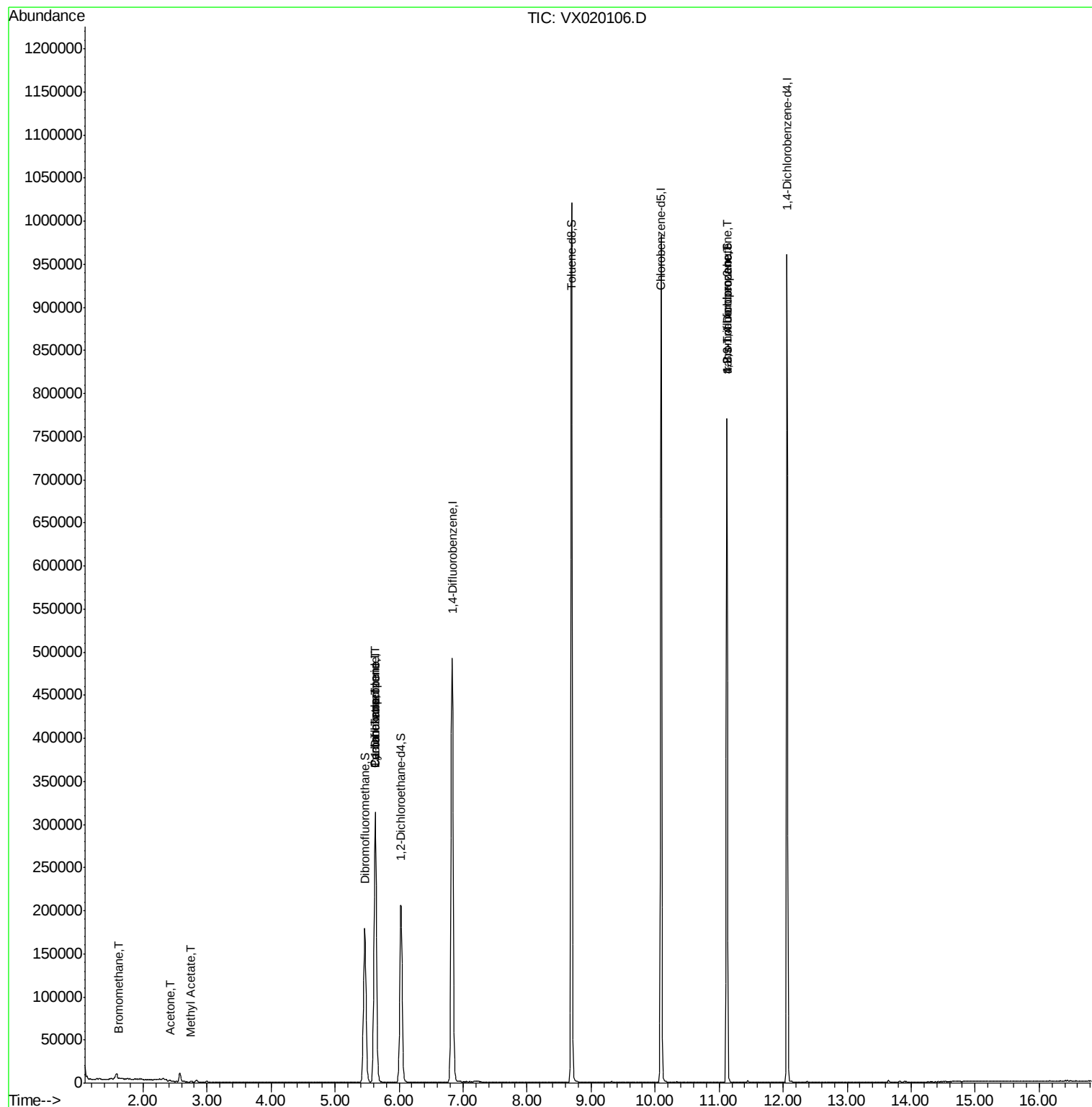
					Qvalue	
5) Bromomethane	1.63	94	454	0.407	ug/l #	64
11) Tert butyl alcohol	3.00	59	802	Below Cal	#	73
16) Acetone	2.42	43	1471	1.006	ug/l #	87
18) Methyl Acetate	2.75	43	757	0.211	ug/l	94
20) Methylene Chloride	2.83	84	1215	Below Cal		94
31) Cyclohexane	5.63	56	5886	1.216	ug/l #	1
36) 1,1-Dichloropropene	5.62	75	23310	5.129	ug/l #	48
38) Carbon Tetrachloride	5.62	117	29800	6.697	ug/l #	17
76) 1,2,3-Trichloropropane	11.12	75	102377	23.391	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	102377	67.618	ug/l #	12

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

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Quant Time: Dec 17 08:18:52 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: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

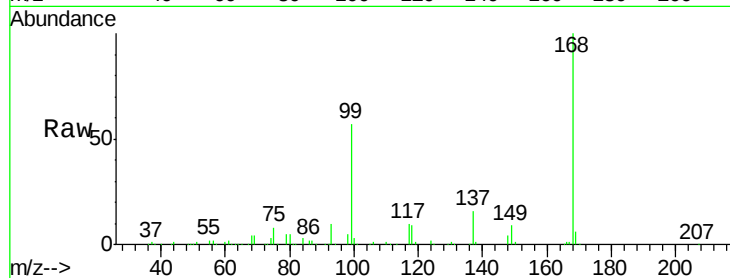
TRIP-BLANK

Tgt Ion:168 Resp: 296130

Ion Ratio Lower Upper

168 100

99 57.2 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.63

120000

100000

80000

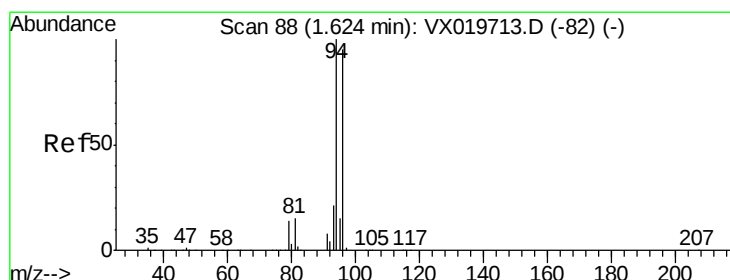
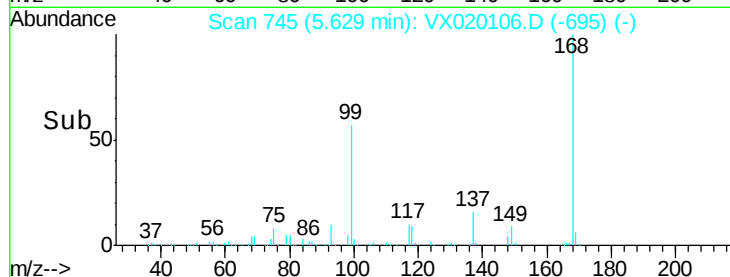
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.407 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX020106.D

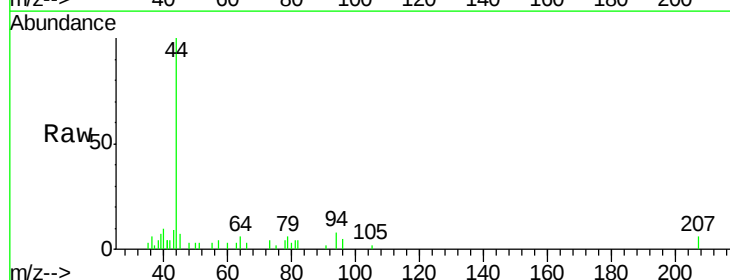
Acq: 17 Dec 2020 07:50

Tgt Ion: 94 Resp: 454

Ion Ratio Lower Upper

94 100

96 60.5 76.4 114.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.63

250

200

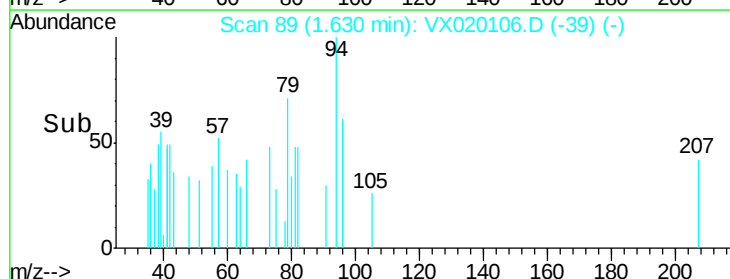
150

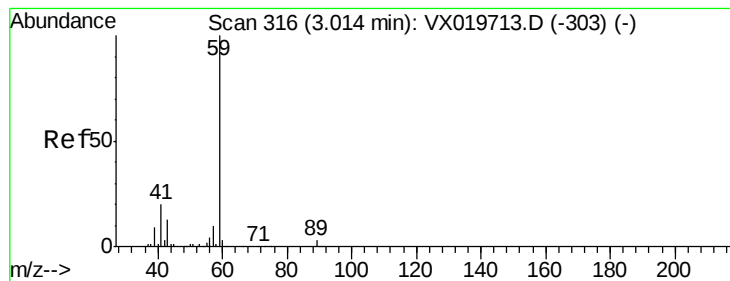
100

50

0

Time-->



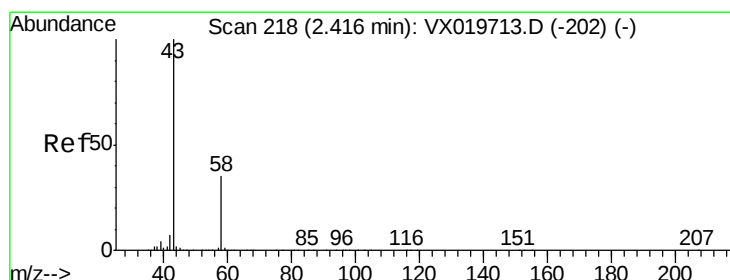
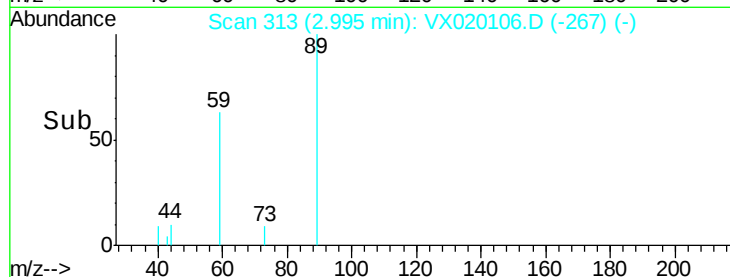
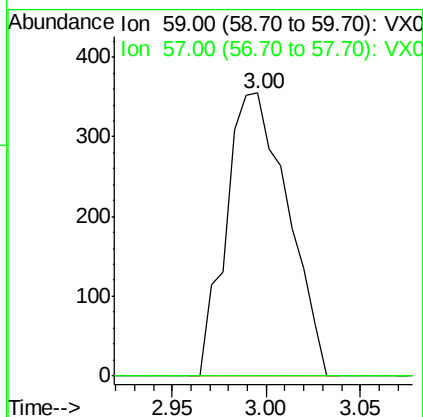
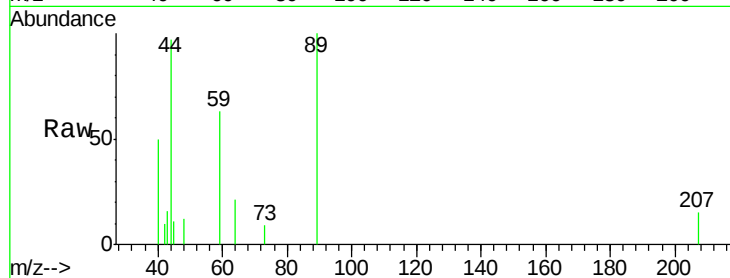


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

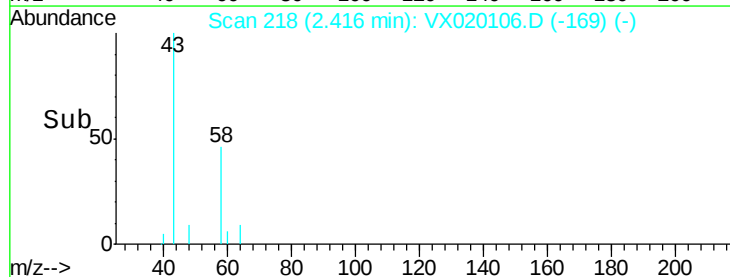
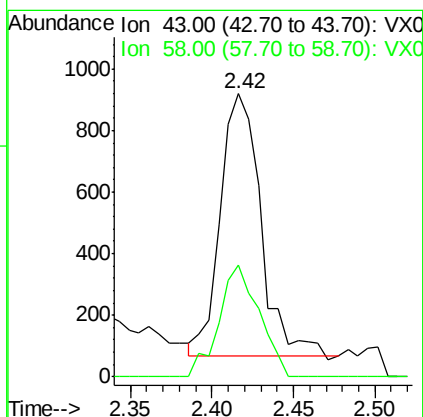
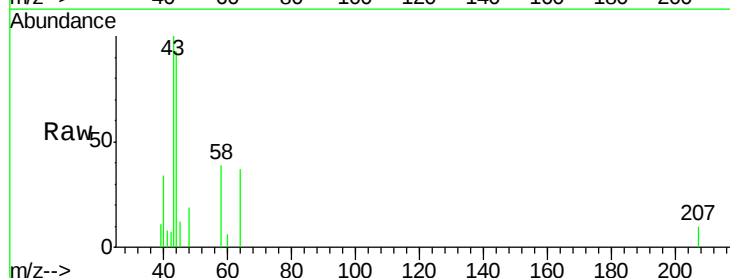
Tgt Ion: 59 Resp: 802
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

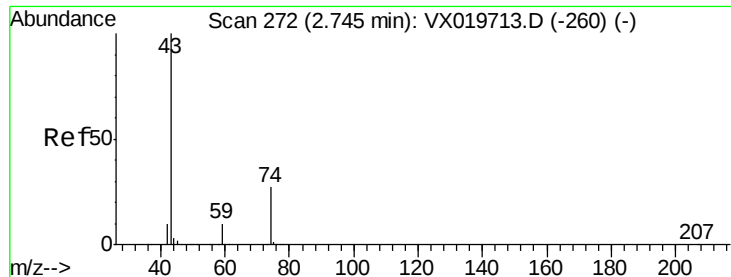


#16

Acetone
 Concen: 1.006 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

Tgt Ion: 43 Resp: 1471
 Ion Ratio Lower Upper
 43 100
 58 42.6 27.8 41.8#

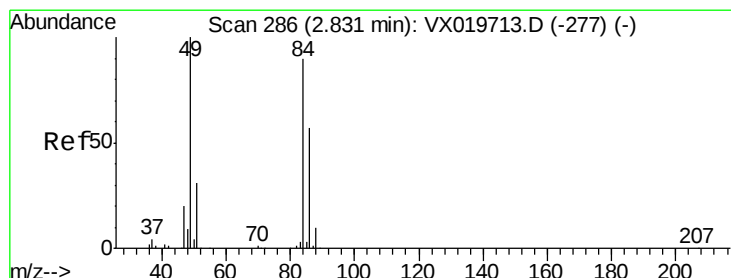
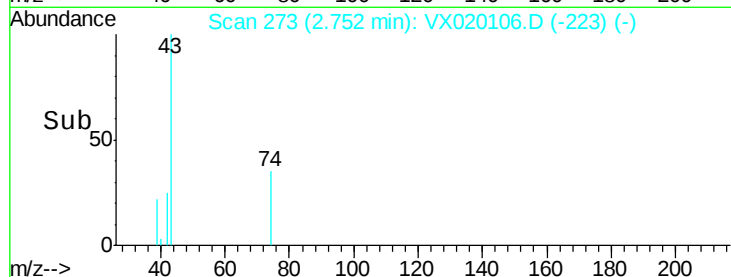
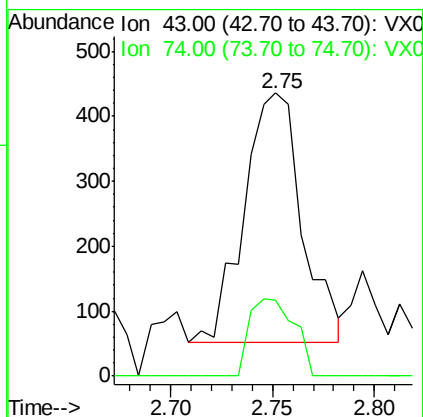
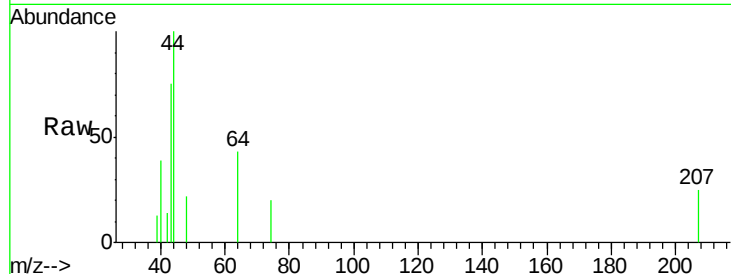




#18
Methyl Acetate
Concen: 0.211 ug/l
RT: 2.75 min Scan# 273
Delta R.T. 0.01 min
Lab File: VX020106.D
Acq: 17 Dec 2020 07:50

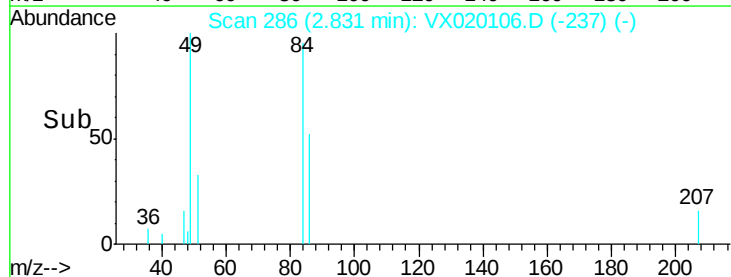
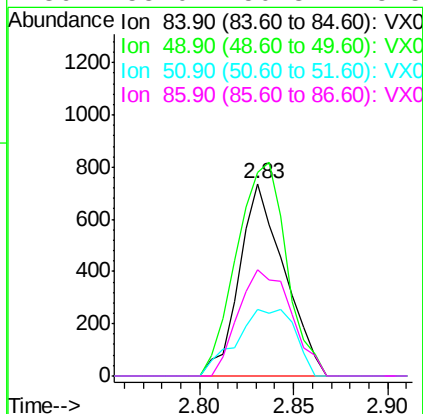
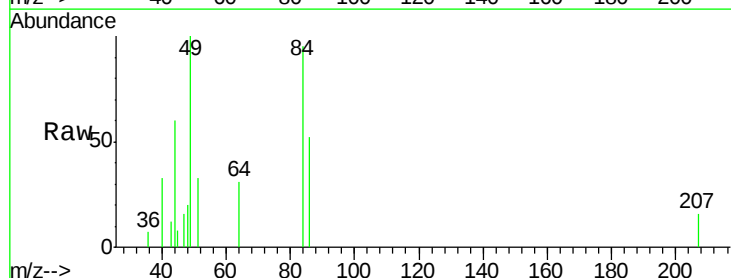
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

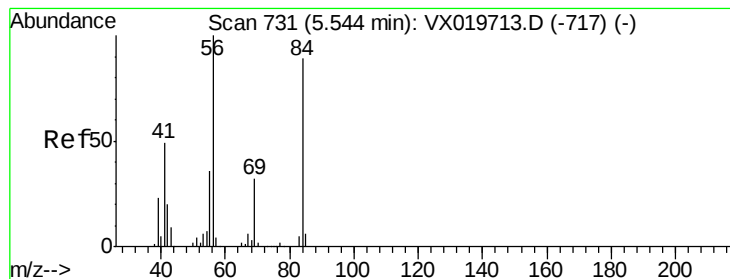
Tgt Ion: 43 Resp: 757
Ion Ratio Lower Upper
43 100
74 24.2 21.9 32.9



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020106.D
Acq: 17 Dec 2020 07:50

Tgt Ion: 84 Resp: 1215
Ion Ratio Lower Upper
84 100
49 105.7 88.6 132.8
51 34.6 27.0 40.6
86 55.0 50.3 75.5





#31

Cyclohexane

Concen: 1.216 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

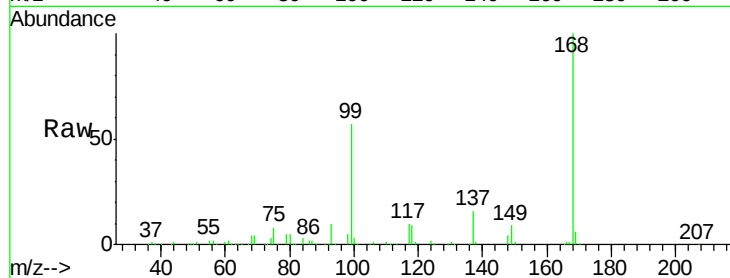
Tgt Ion: 56 Resp: 5886

Ion Ratio Lower Upper

56 100

69 194.6 25.3 37.9#

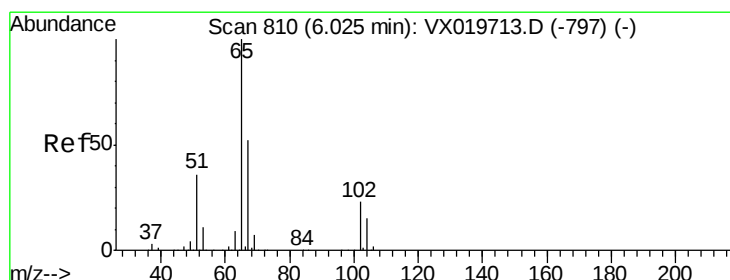
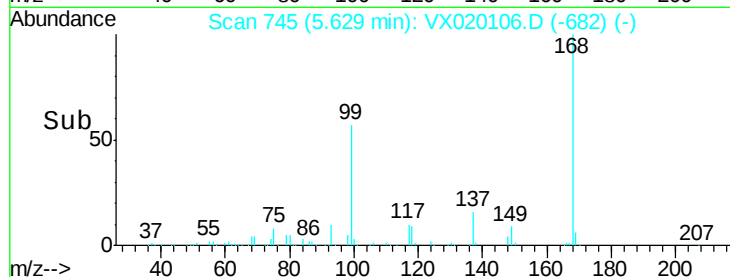
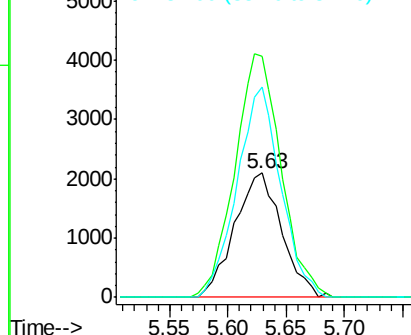
84 169.5 71.4 107.0#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 50.436 ug/l

RT: 6.03 min Scan# 810

Delta R.T. 0.00 min

Lab File: VX020106.D

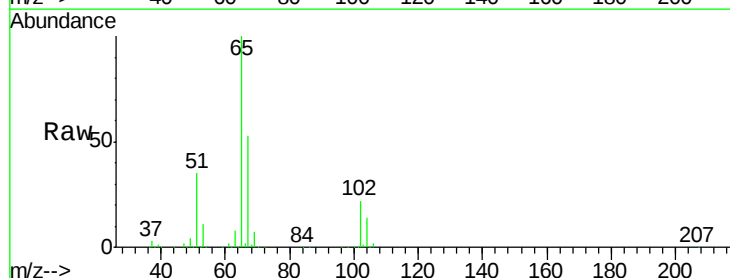
Acq: 17 Dec 2020 07:50

Tgt Ion: 65 Resp: 196296

Ion Ratio Lower Upper

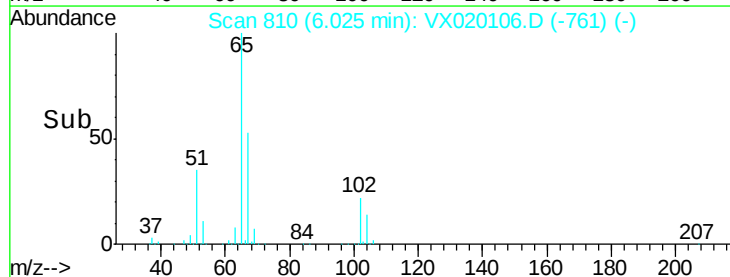
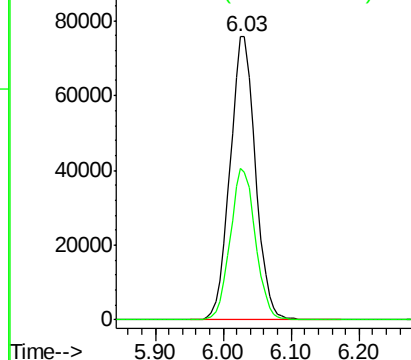
65 100

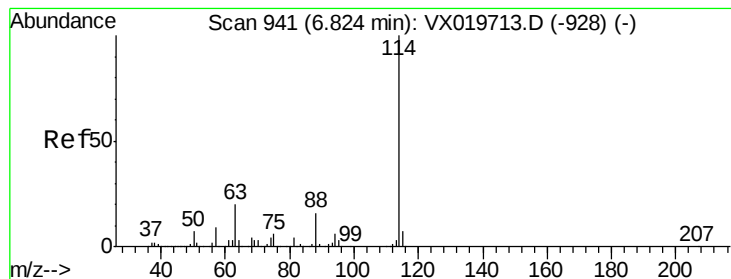
67 53.1 0.0 105.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.01 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

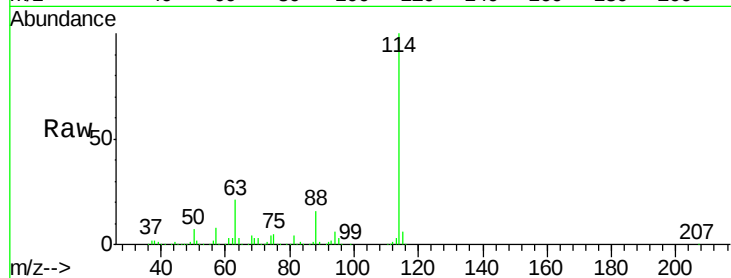
Tgt Ion:114 Resp: 502896

Ion Ratio Lower Upper

114 100

63 20.7 0.0 40.8

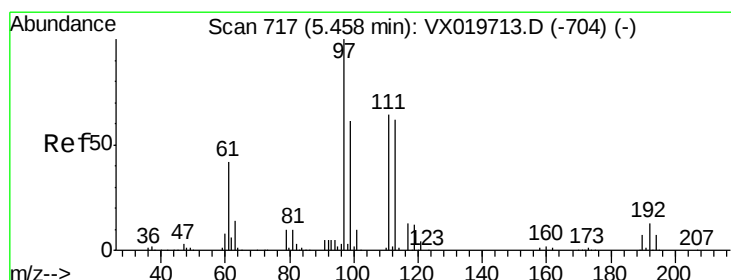
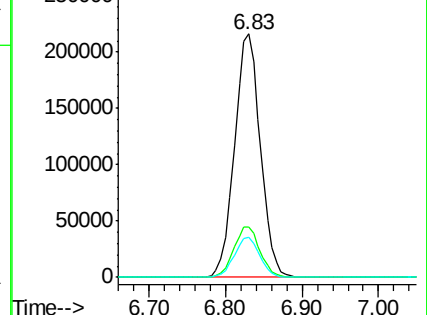
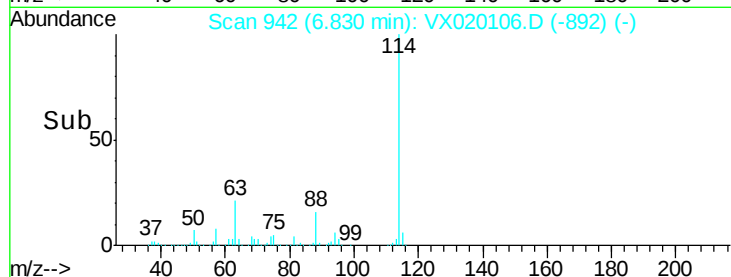
88 16.3 0.0 32.8



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: 47.991 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

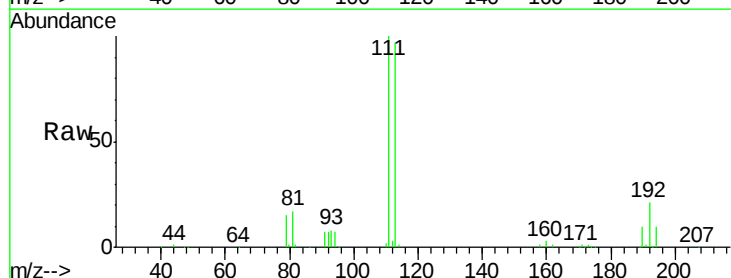
Tgt Ion:113 Resp: 155977

Ion Ratio Lower Upper

113 100

111 102.5 81.9 122.9

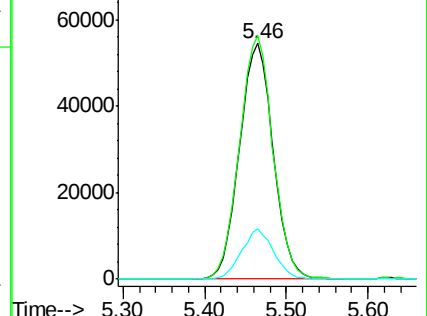
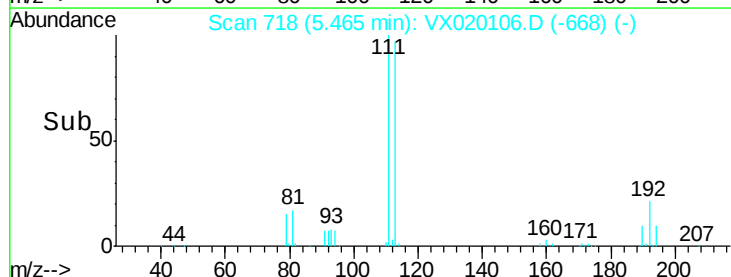
192 20.3 16.7 25.1

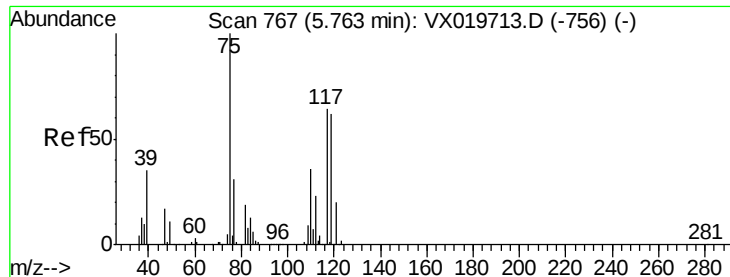


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

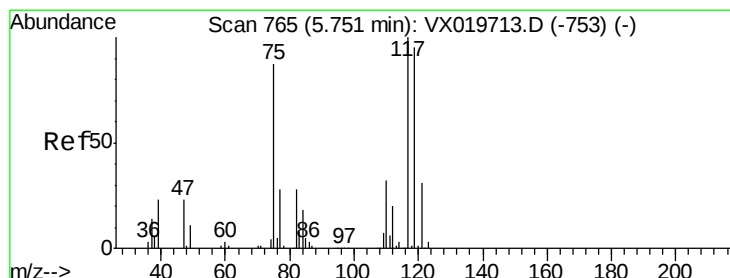
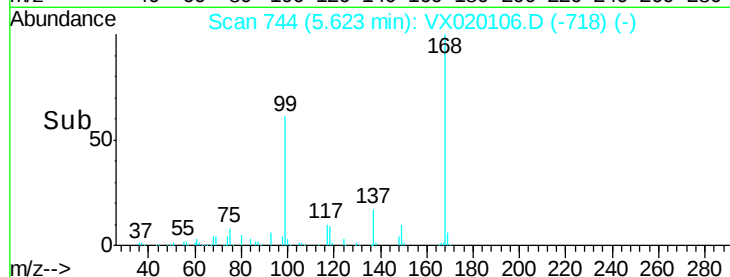
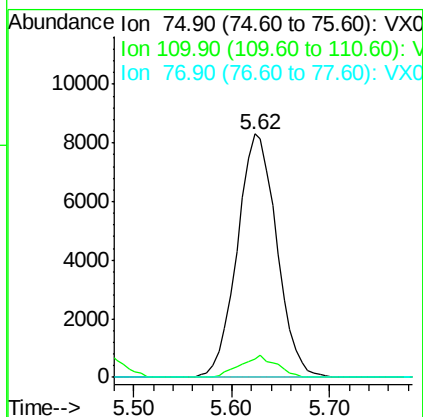
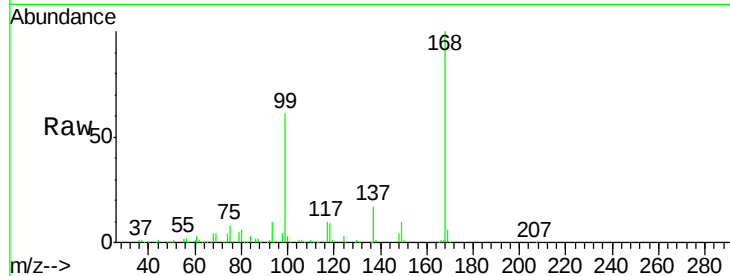




#36
 1,1-Dichloropropene
 Concen: 5.129 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.14 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

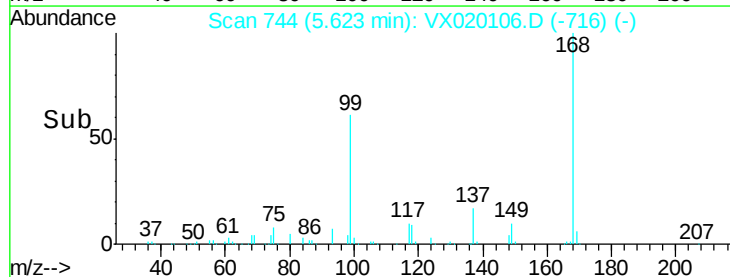
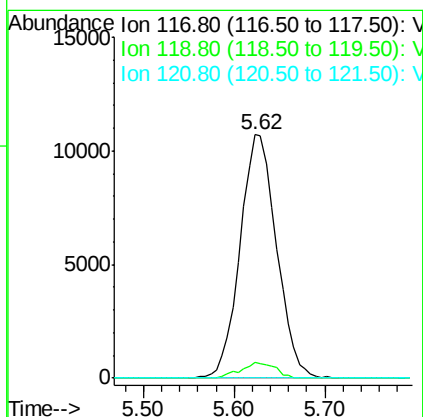
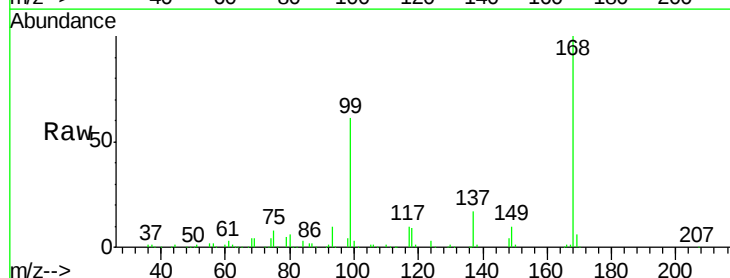
Instrument :
 MSVOA_X
 ClientSampleId :
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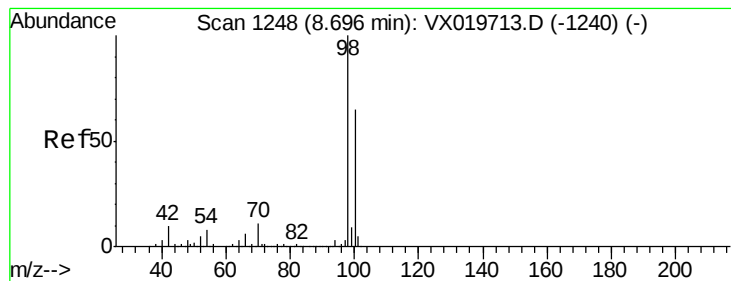
Tgt Ion: 75 Resp: 23310
 Ion Ratio Lower Upper
 75 100
 110 8.3 18.1 54.4#
 77 0.0 25.3 37.9#



#38
 Carbon Tetrachloride
 Concen: 6.697 ug/l
 RT: 5.62 min Scan# 744
 Delta R.T. -0.13 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

Tgt Ion: 117 Resp: 29800
 Ion Ratio Lower Upper
 117 100
 119 6.6 76.2 114.2#
 121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.980 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

Instrument :

MSVOA_X

ClientSampleId :

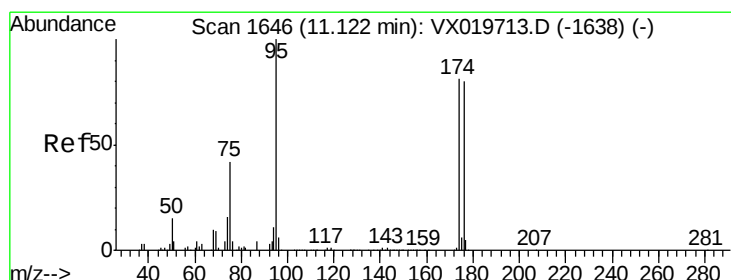
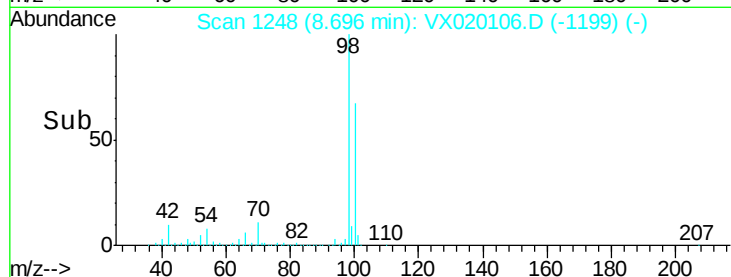
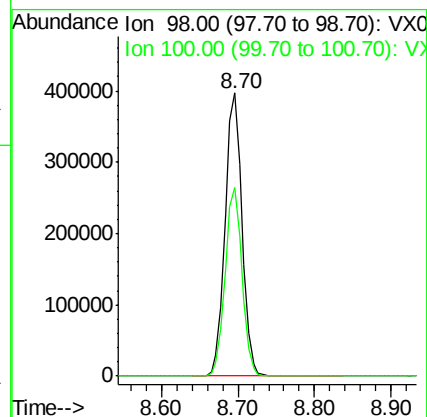
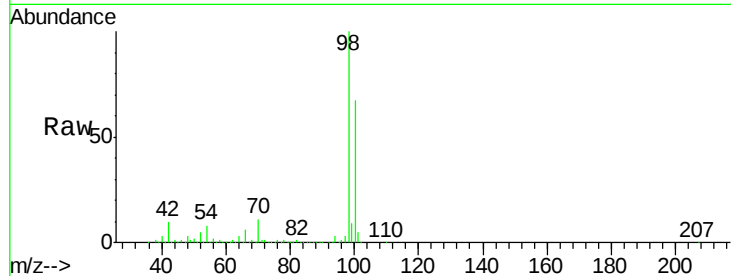
TRIP-BLANK

Tgt Ion: 98 Resp: 607748

Ion Ratio Lower Upper

98 100

100 66.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.253 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX020106.D

Acq: 17 Dec 2020 07:50

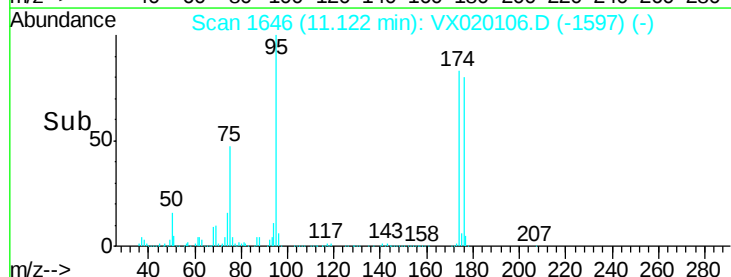
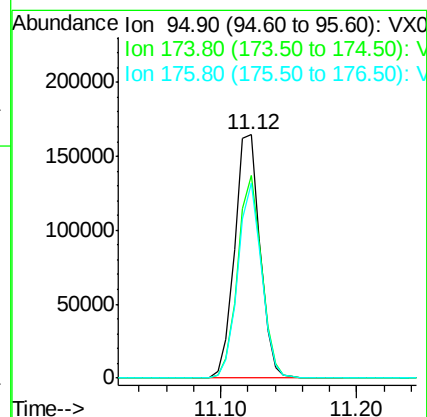
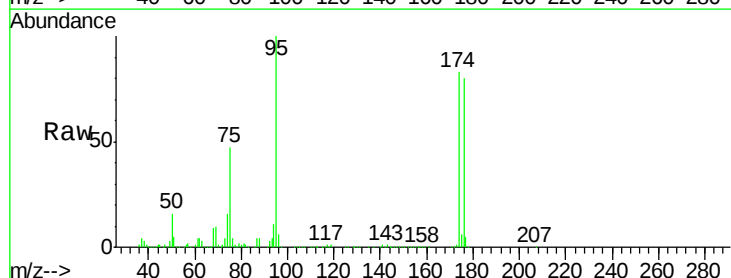
Tgt Ion: 95 Resp: 213718

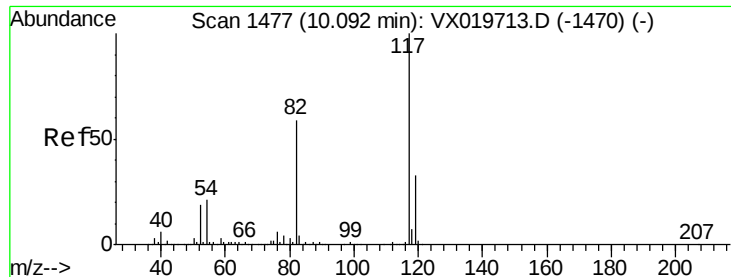
Ion Ratio Lower Upper

95 100

174 78.9 0.0 154.6

176 74.9 0.0 155.8

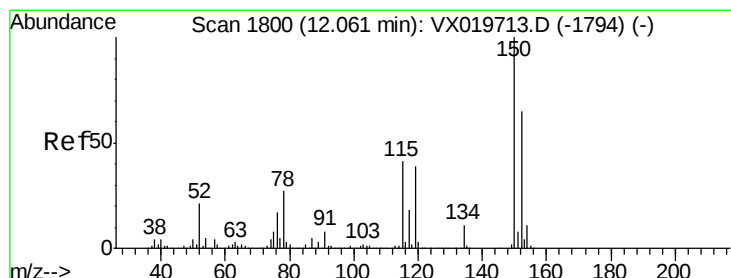
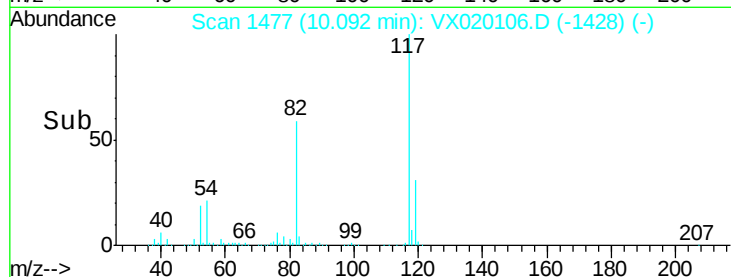
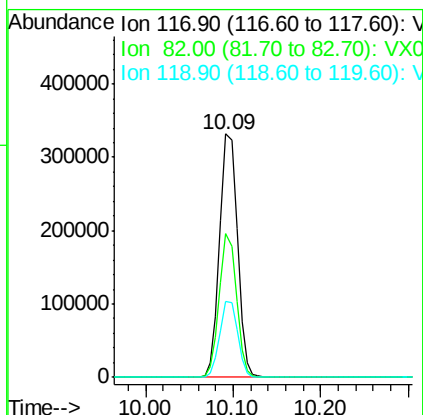
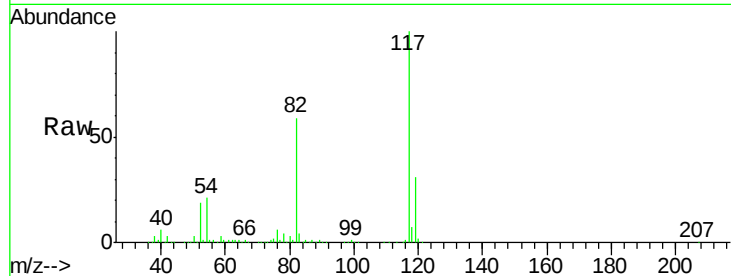




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX020106.D
Acq: 17 Dec 2020 07:50

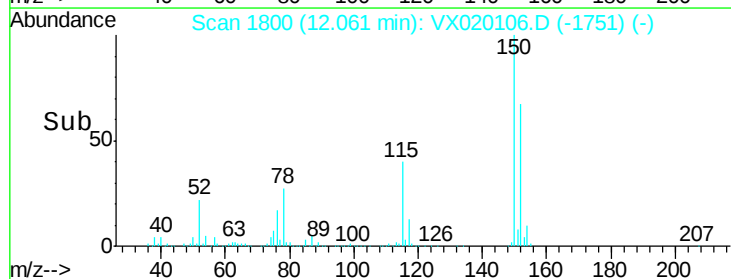
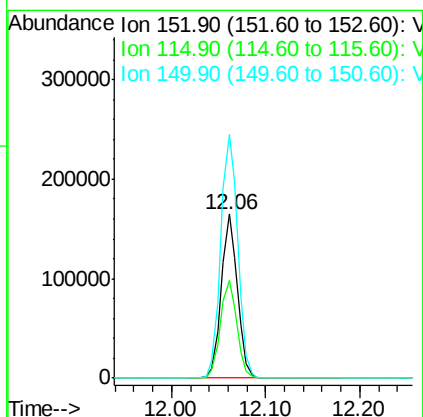
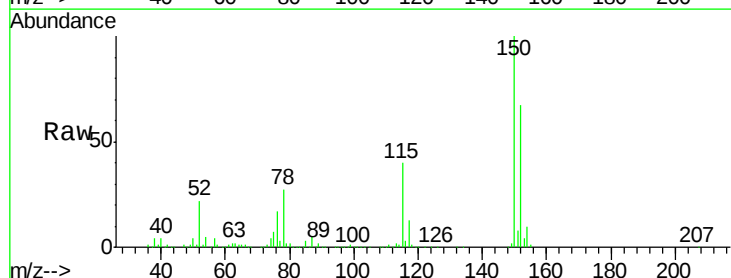
Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

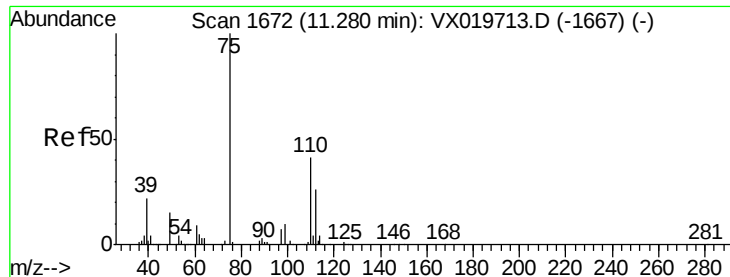
Tgt Ion:117 Resp: 469814
Ion Ratio Lower Upper
117 100
82 58.8 47.4 71.2
119 31.3 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX020106.D
Acq: 17 Dec 2020 07:50

Tgt Ion:152 Resp: 195147
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 157.4 0.0 349.0

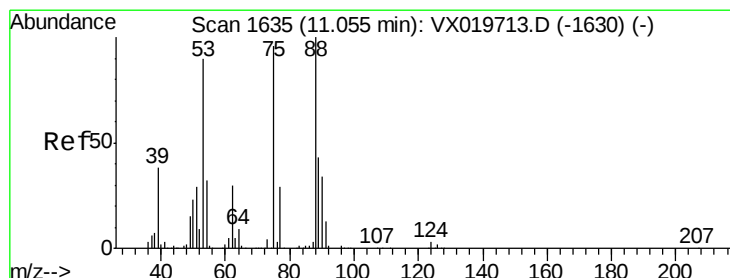
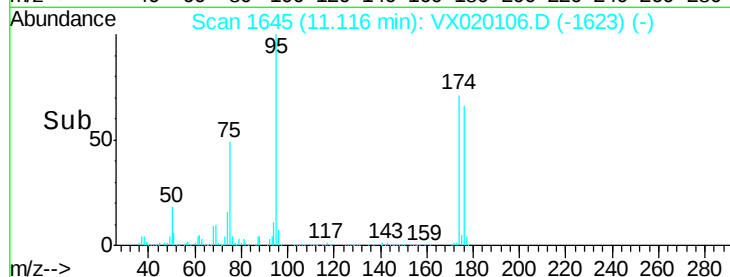
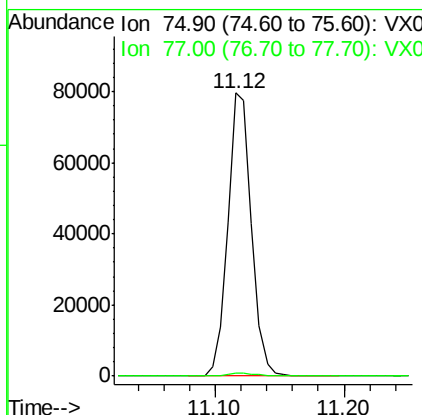
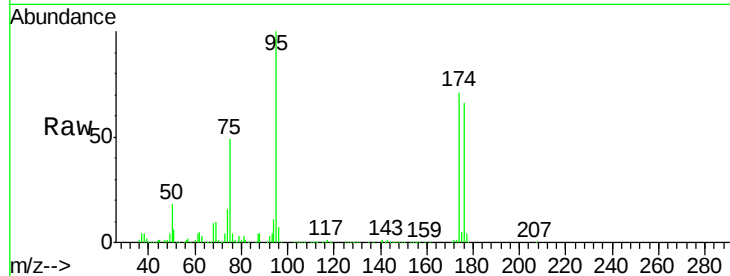




#76
 1,2,3-Trichloropropane
 Concen: 23.391 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. -0.16 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

Instrument :
 MSVOA_X
 ClientSampled :
 TRIP-BLANK

Tgt Ion: 75 Resp: 102377
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.618 ug/l
 RT: 11.12 min Scan# 1645
 Delta R.T. 0.06 min
 Lab File: VX020106.D
 Acq: 17 Dec 2020 07:50

Tgt Ion: 75 Resp: 102377
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

