

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
 Data File : VX020072.D
 Acq On : 16 Dec 2020 17:54
 Operator : JC/MD
 Sample : L5050-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 17 00:32:00 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	303003	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	497858	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	447608	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	182242	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	193114	48.49	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.98%	
35) Dibromofluoromethane		5.46	113	154692	48.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.16%	
50) Toluene-d8		8.70	98	598083	48.69	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.38%	
62) 4-Bromofluorobenzene		11.12	95	202983	43.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.84%	

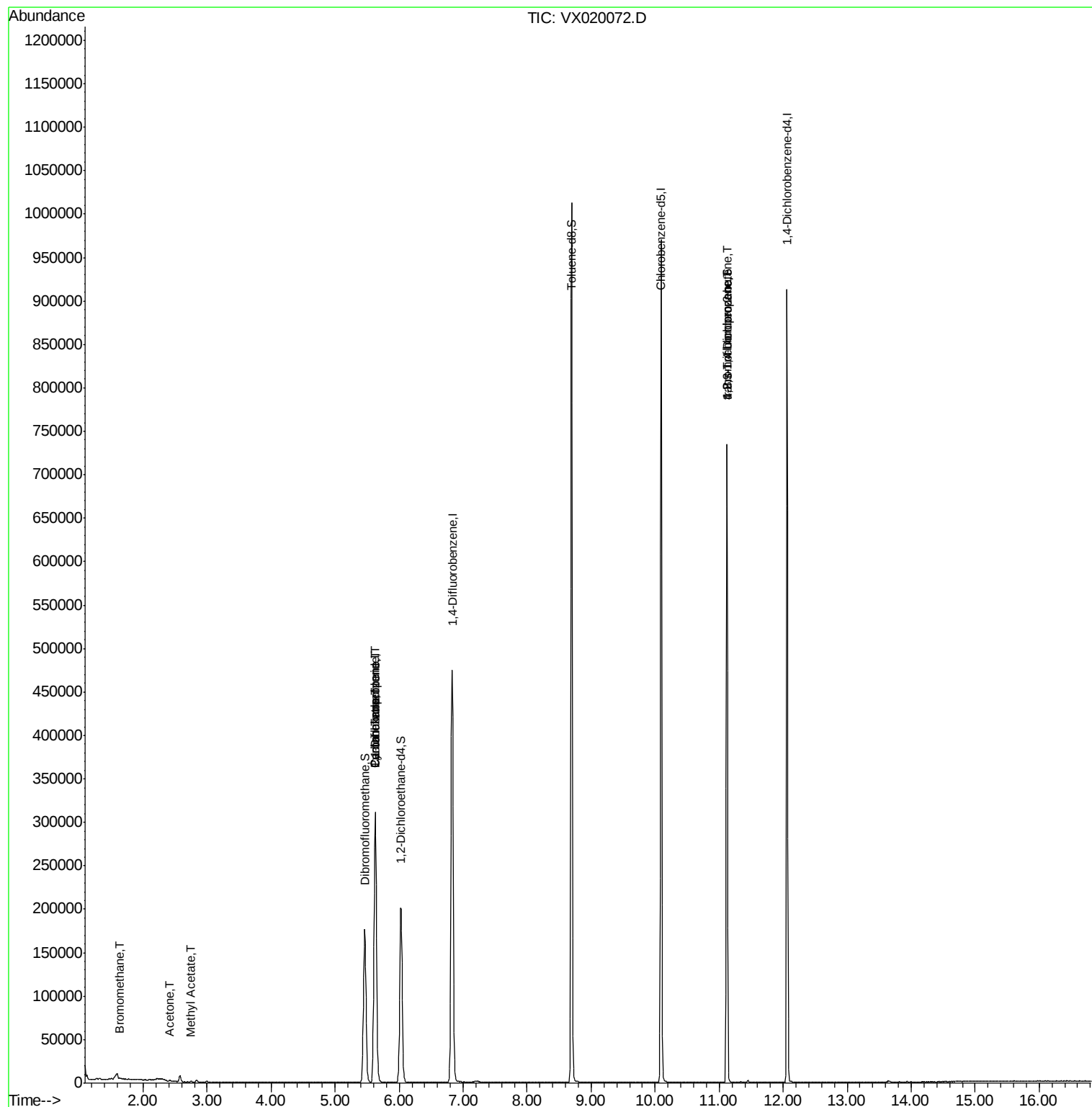
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.63	94	672	0.588	ug/l	95
11) Tert butyl alcohol	3.00	59	512	Below Cal	#	73
16) Acetone	2.42	43	1225	0.818	ug/l	94
18) Methyl Acetate	2.75	43	1098	0.300	ug/l #	81
20) Methylene Chloride	2.83	84	1022	Below Cal	#	83
31) Cyclohexane	5.63	56	5788	1.168	ug/l #	1
36) 1,1-Dichloropropene	5.63	75	23033	5.120	ug/l #	48
38) Carbon Tetrachloride	5.62	117	29686	6.738	ug/l #	16
76) 1,2,3-Trichloropropane	11.12	75	98480	24.094	ug/l #	39
81) trans-1,4-Dichloro-2-buten	11.12	75	98480	69.651	ug/l #	12

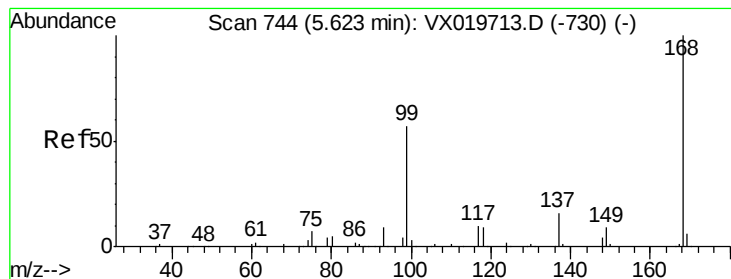
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_X\DATA\VX121720\
Data File : VX020072.D
Acq On : 16 Dec 2020 17:54
Operator : JC/MD
Sample : L5050-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

Quant Time: Dec 17 00:32:00 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: VX020072.D

Acq: 16 Dec 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

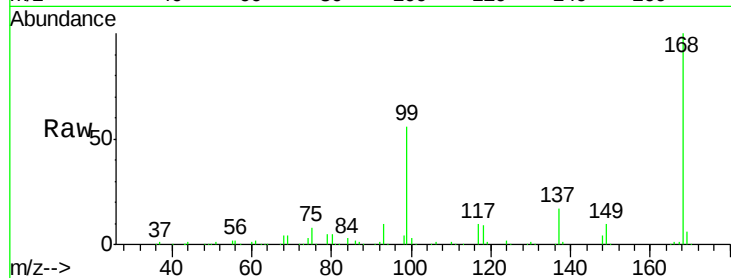
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 168 Resp: 303003

Ion Ratio Lower Upper

168 100

99 56.1 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

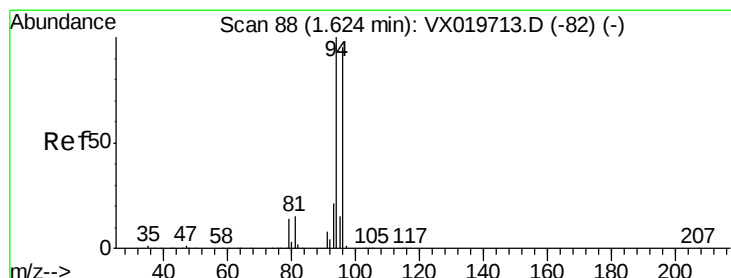
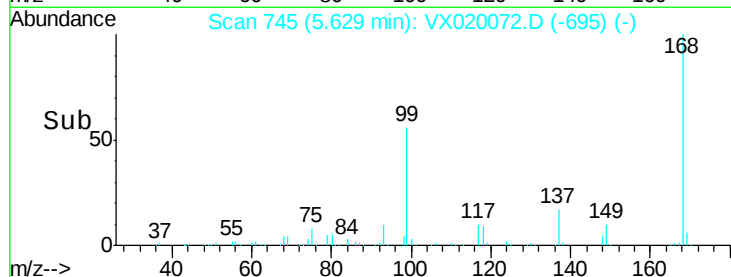
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: 0.588 ug/l

RT: 1.63 min Scan# 89

Delta R.T. 0.01 min

Lab File: VX020072.D

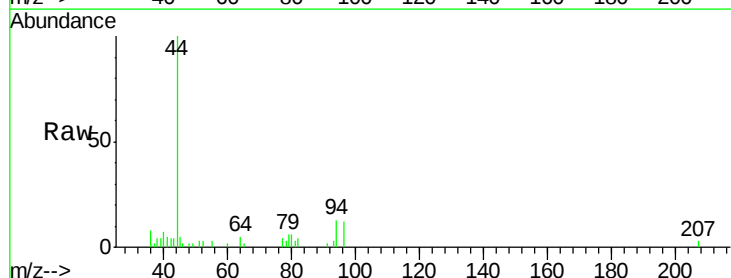
Acq: 16 Dec 2020 17:54

Tgt Ion: 94 Resp: 672

Ion Ratio Lower Upper

94 100

96 90.8 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

400

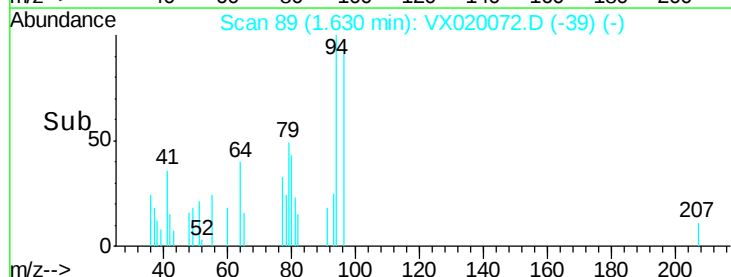
300

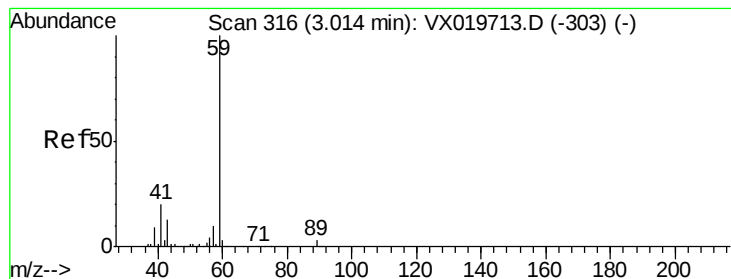
200

100

0

Time-->



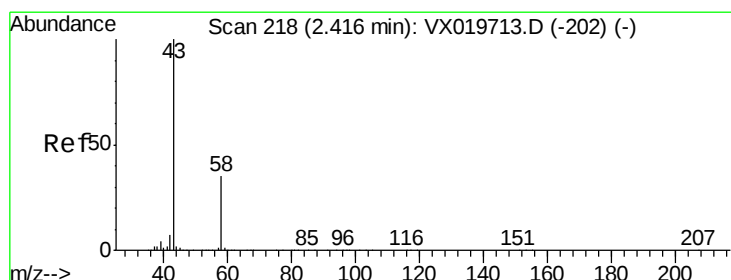
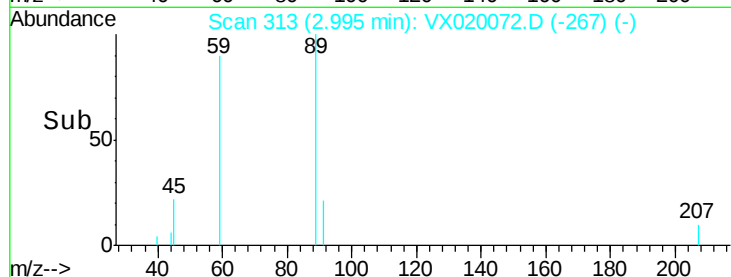
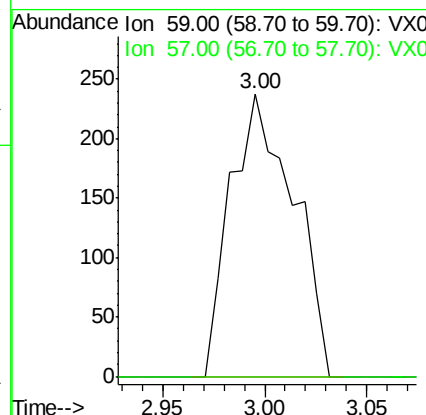
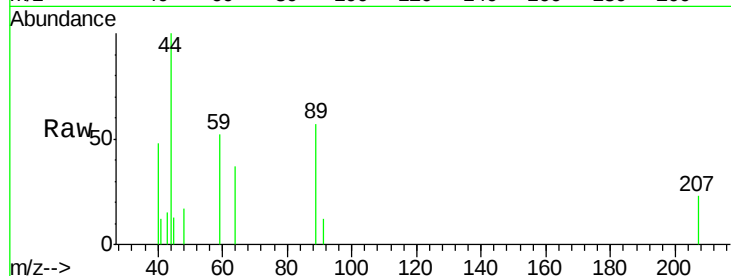


#11

Tert butyl alcohol
 Concen: Below Cal
 RT: 3.00 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: VX020072.D
 Acq: 16 Dec 2020 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

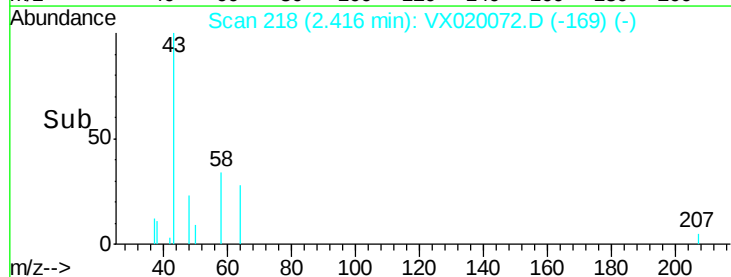
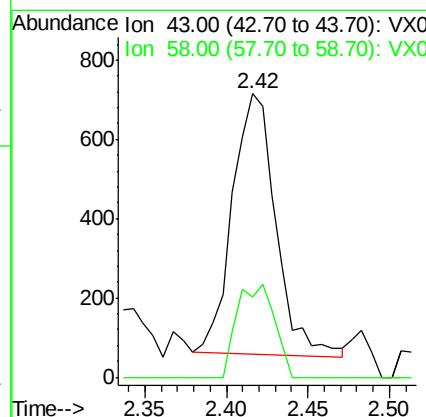
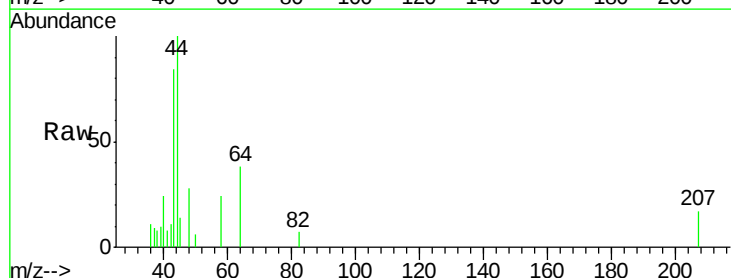
Tgt Ion: 59 Resp: 512
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.8 11.8#

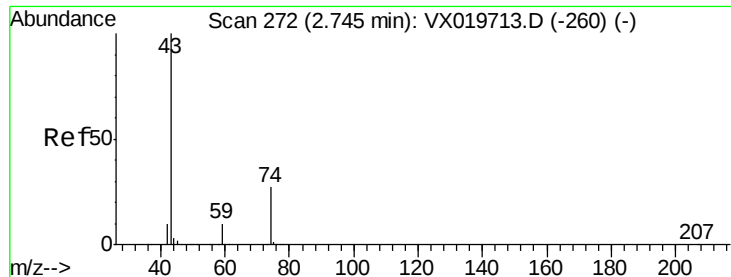


#16

Acetone
 Concen: 0.818 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. -0.00 min
 Lab File: VX020072.D
 Acq: 16 Dec 2020 17:54

Tgt Ion: 43 Resp: 1225
 Ion Ratio Lower Upper
 43 100
 58 31.1 27.8 41.8

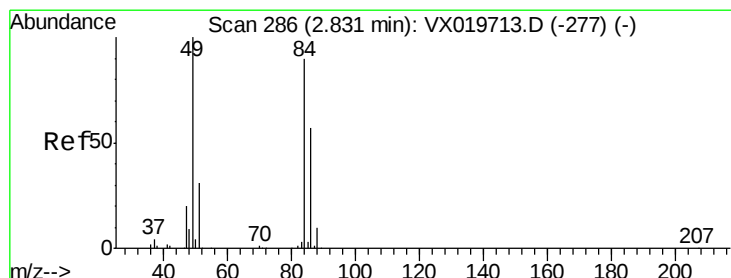
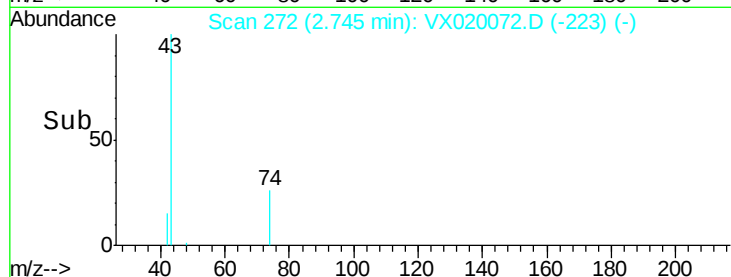
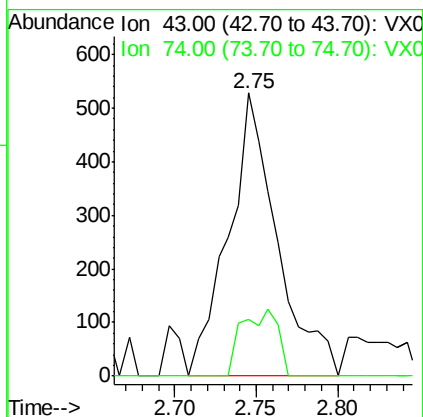
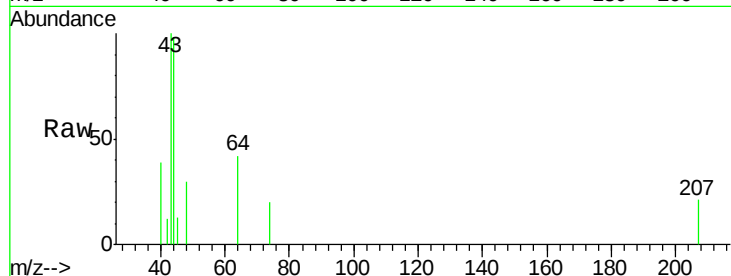




#18
Methyl Acetate
Concen: 0.300 ug/l
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX020072.D
Acq: 16 Dec 2020 17:54

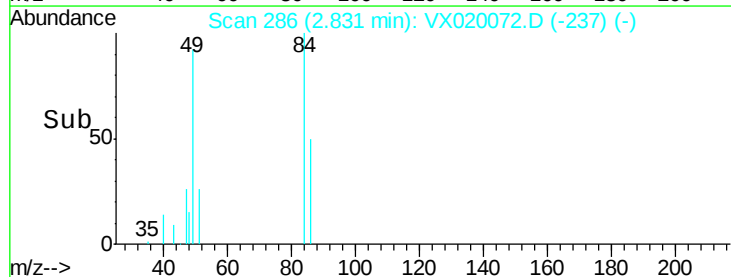
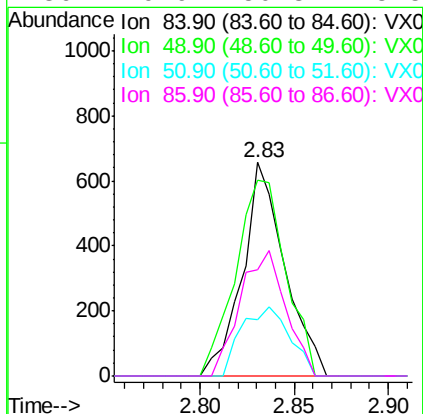
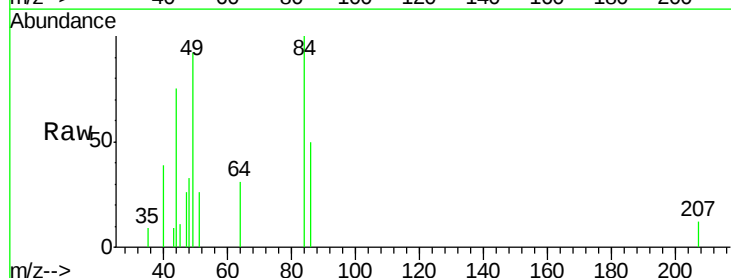
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

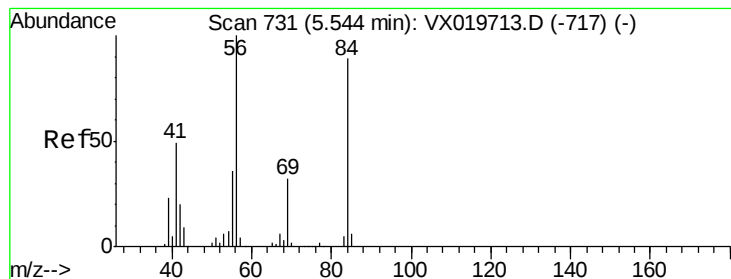
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
74 17.3 21.9 32.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX020072.D
Acq: 16 Dec 2020 17:54

Tgt Ion: 84 Resp: 1022
Ion Ratio Lower Upper
84 100
49 91.6 88.6 132.8
51 26.2 27.0 40.6#
86 49.9 50.3 75.5#





#31

Cyclohexane

Concen: 1.168 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.09 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

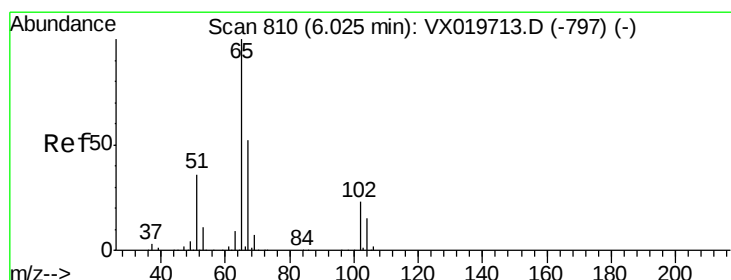
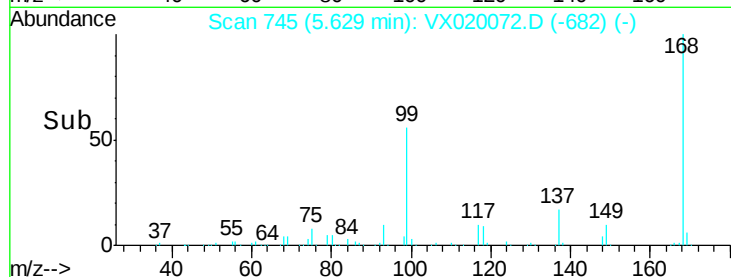
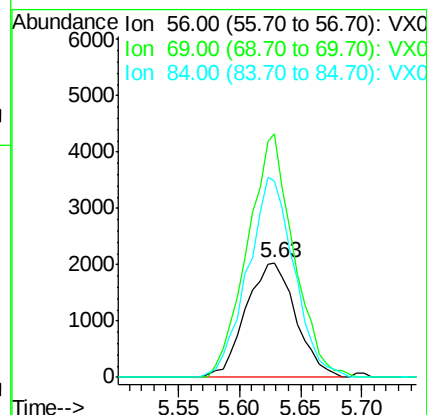
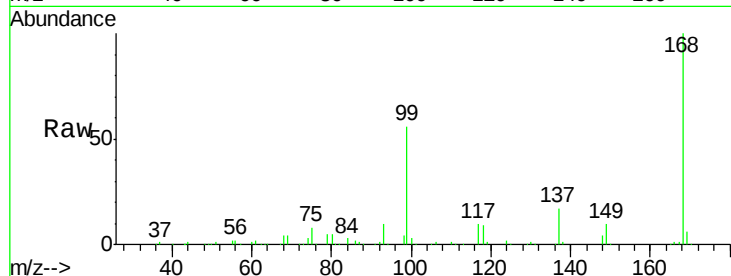
Tgt Ion: 56 Resp: 5788

Ion Ratio Lower Upper

56 100

69 212.0 25.3 37.9#

84 170.6 71.4 107.0#



#33

1,2-Dichloroethane-d4

Concen: 48.492 ug/l

RT: 6.03 min Scan# 810

Delta R.T. -0.00 min

Lab File: VX020072.D

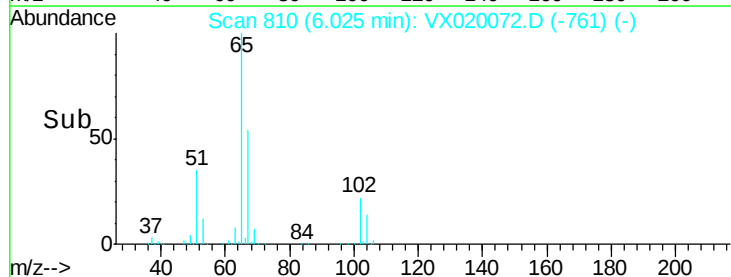
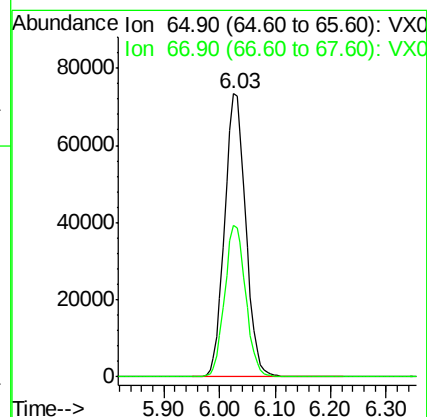
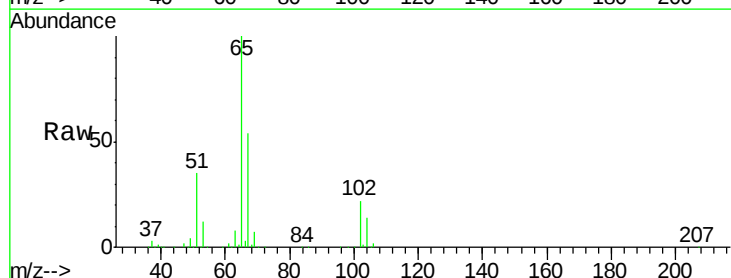
Acq: 16 Dec 2020 17:54

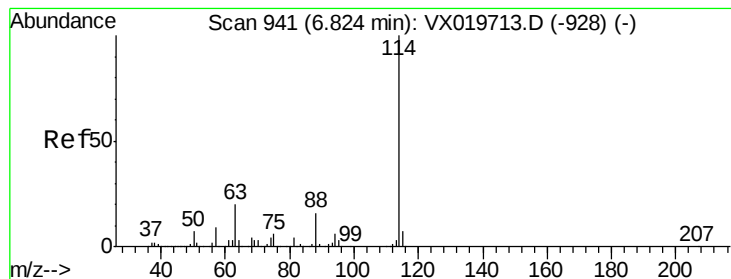
Tgt Ion: 65 Resp: 193114

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: VX020072.D

Acq: 16 Dec 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

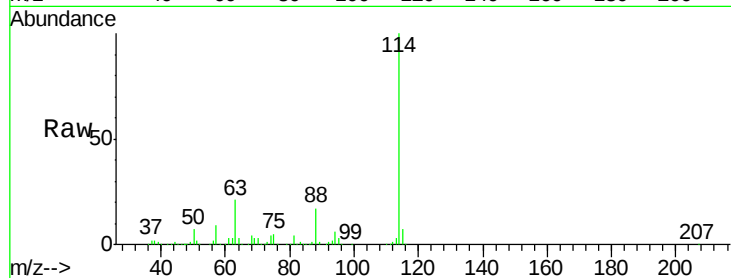
Tgt Ion:114 Resp: 497858

Ion Ratio Lower Upper

114 100

63 21.1 0.0 40.8

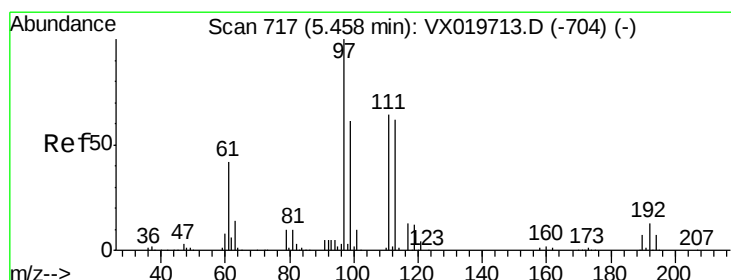
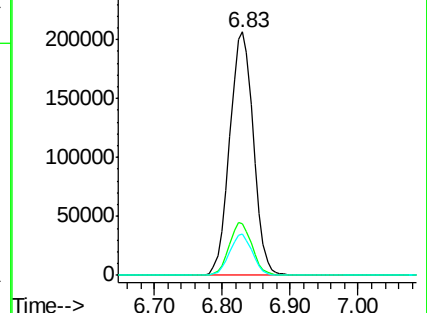
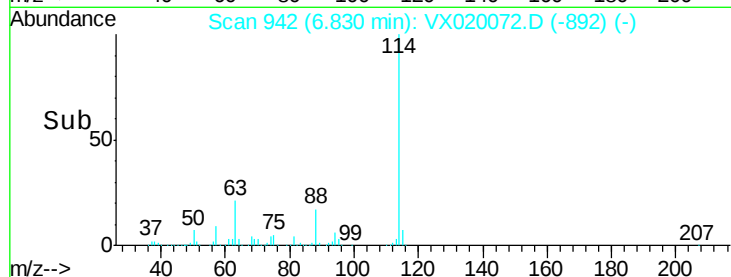
88 16.8 0.0 32.8



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: 48.077 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

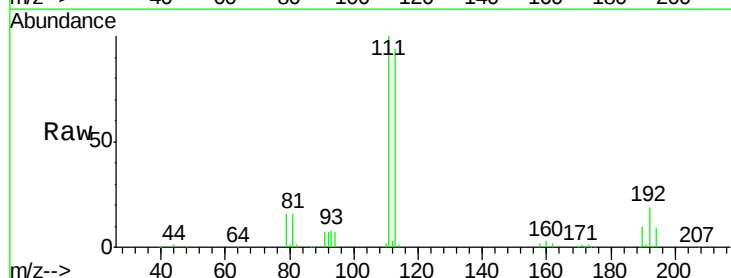
Tgt Ion:113 Resp: 154692

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

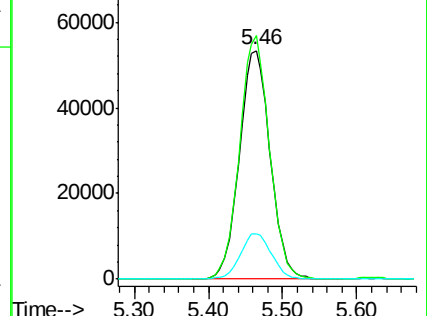
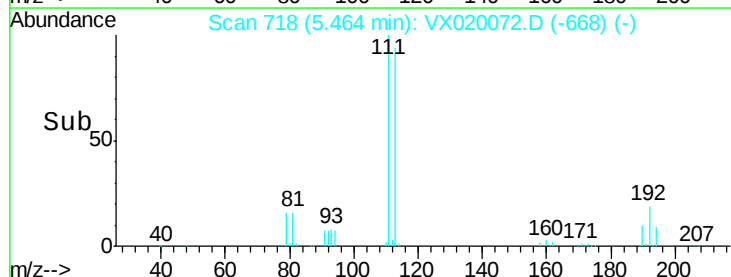
192 20.2 16.7 25.1

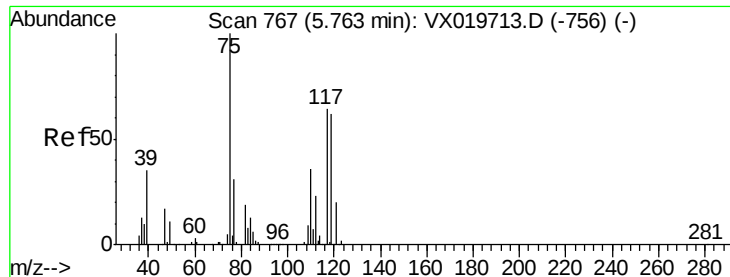


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#36

1,1-Dichloropropene

Concen: 5.120 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.13 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANA

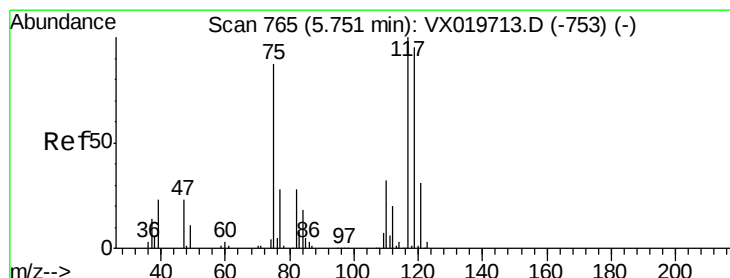
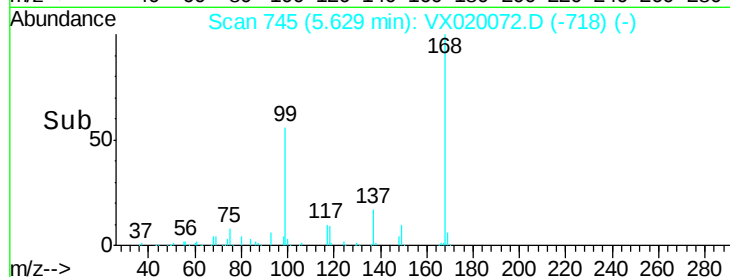
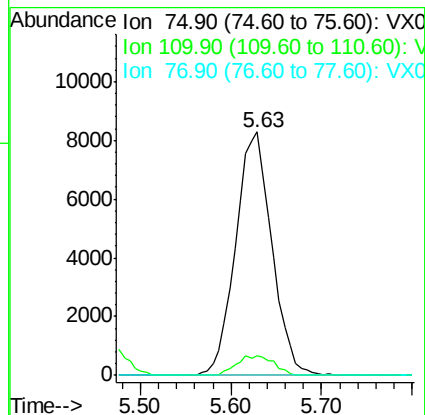
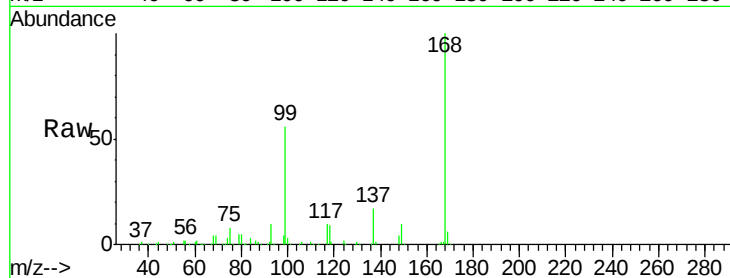
Tgt Ion: 75 Resp: 23033

Ion Ratio Lower Upper

75 100

110 8.2 18.1 54.4#

77 0.0 25.3 37.9#



#38

Carbon Tetrachloride

Concen: 6.738 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.13 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

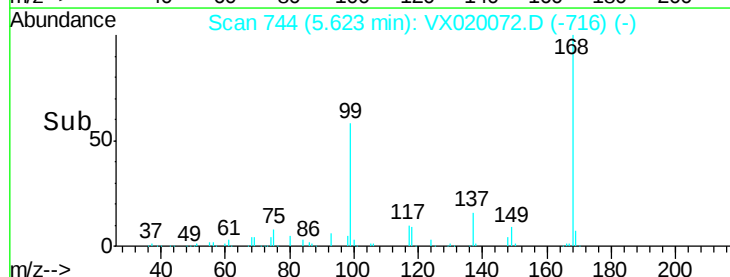
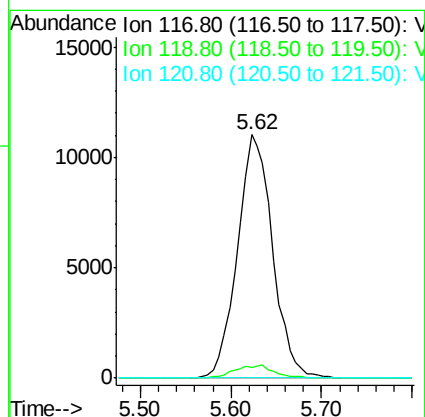
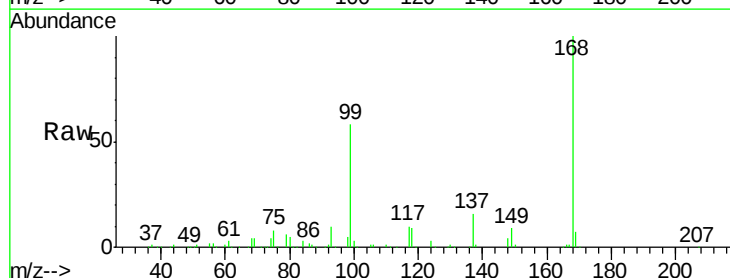
Tgt Ion: 117 Resp: 29686

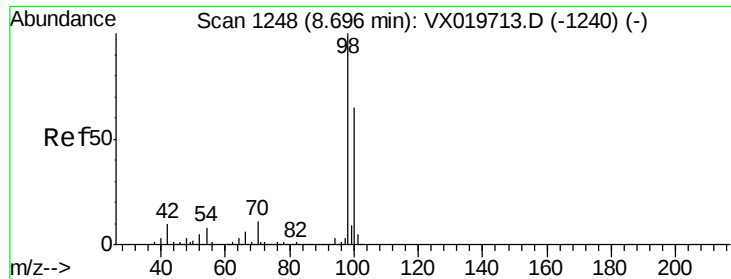
Ion Ratio Lower Upper

117 100

119 4.3 76.2 114.2#

121 0.0 24.8 37.2#





#50

Toluene-d8

Concen: 48.688 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

Instrument :

MSVOA_X

ClientSampleId :

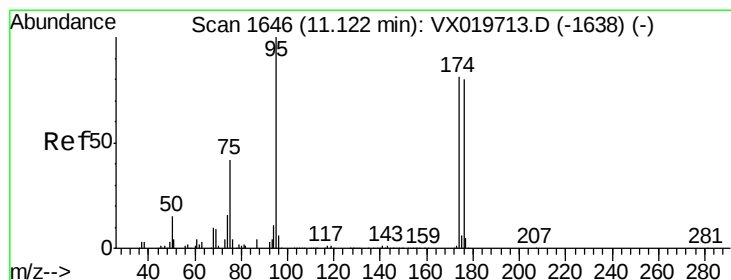
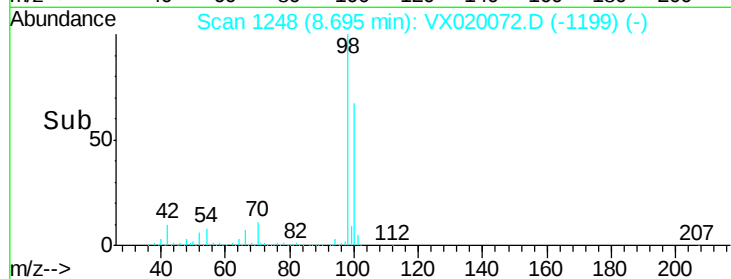
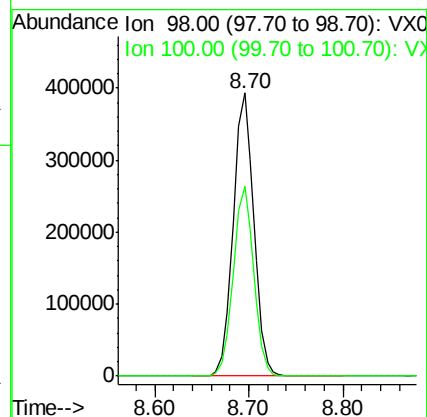
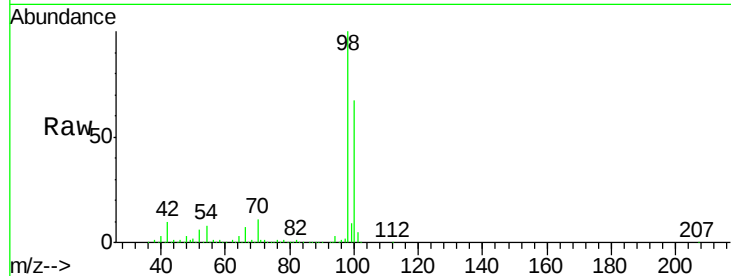
STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 98 Resp: 598083

Ion Ratio Lower Upper

98 100

100 66.3 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.415 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX020072.D

Acq: 16 Dec 2020 17:54

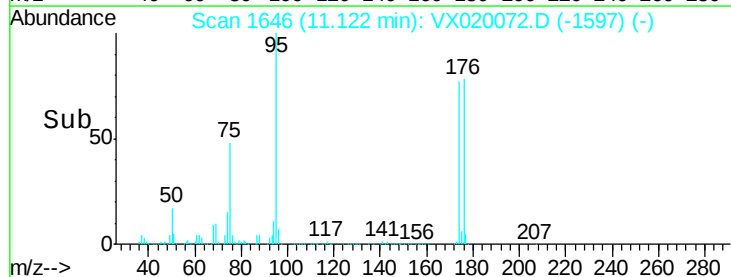
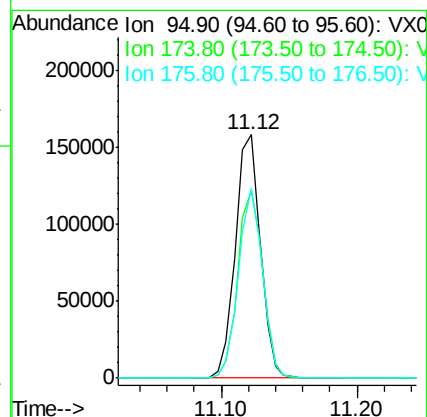
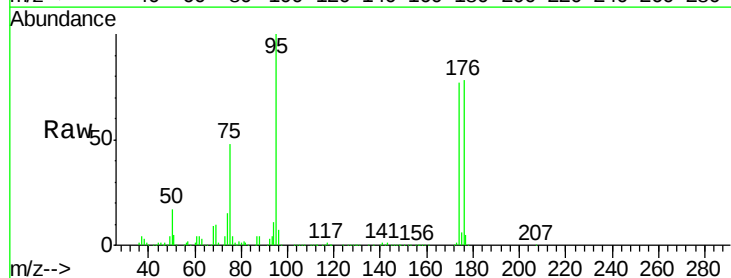
Tgt Ion: 95 Resp: 202983

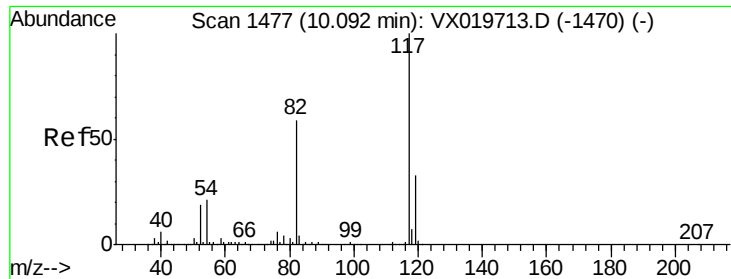
Ion Ratio Lower Upper

95 100

174 77.3 0.0 154.6

176 75.0 0.0 155.8

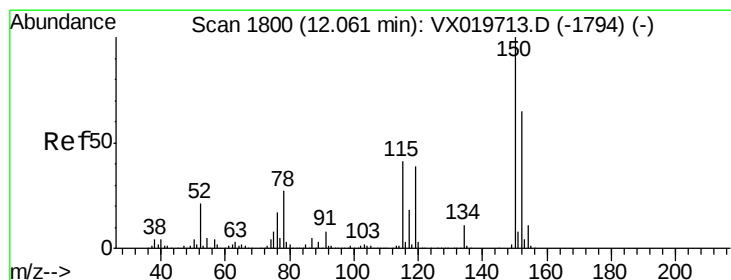
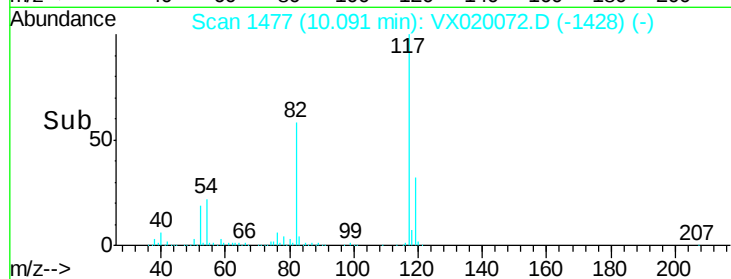
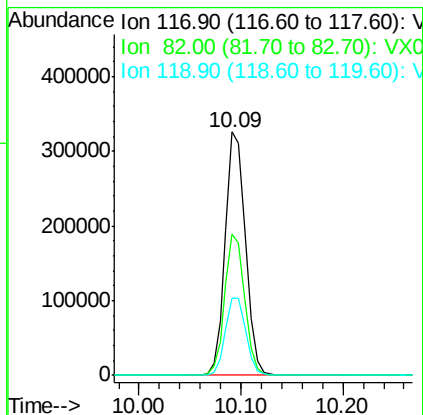
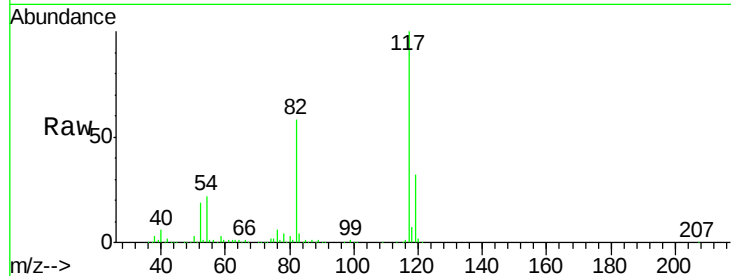




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.09 min Scan# 1477
Delta R.T. -0.00 min
Lab File: VX020072.D
Acq: 16 Dec 2020 17:54

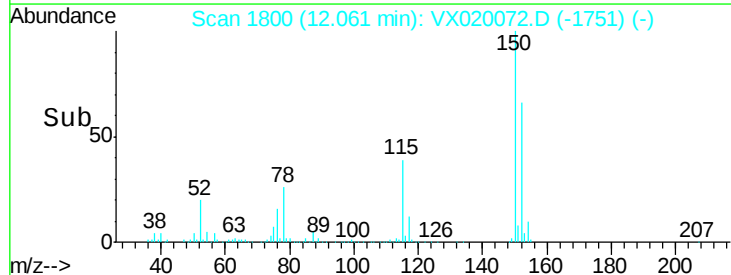
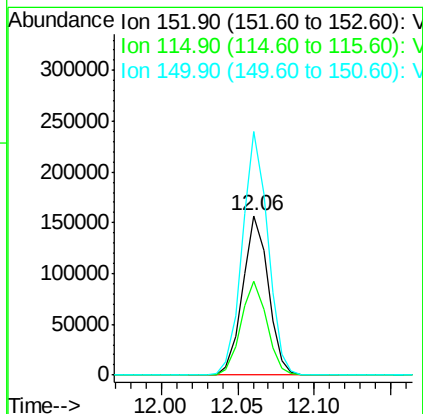
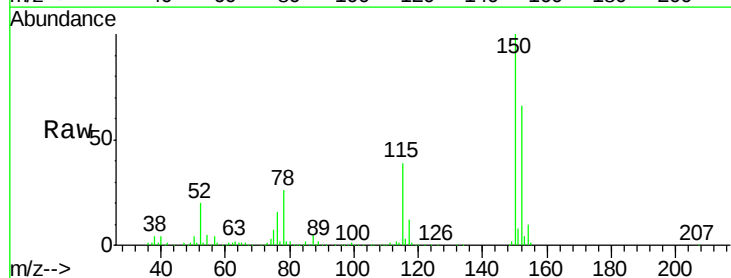
Instrument :
MSVOA_X
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANA

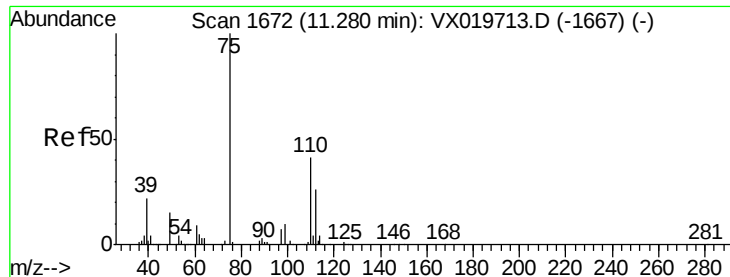
Tgt Ion:117 Resp: 447608
Ion Ratio Lower Upper
117 100
82 58.0 47.4 71.2
119 31.7 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX020072.D
Acq: 16 Dec 2020 17:54

Tgt Ion:152 Resp: 182242
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 152.2 0.0 349.0

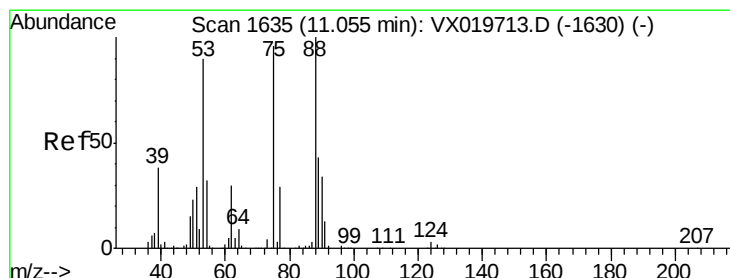
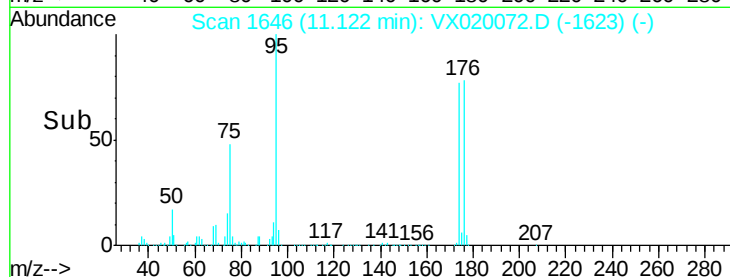
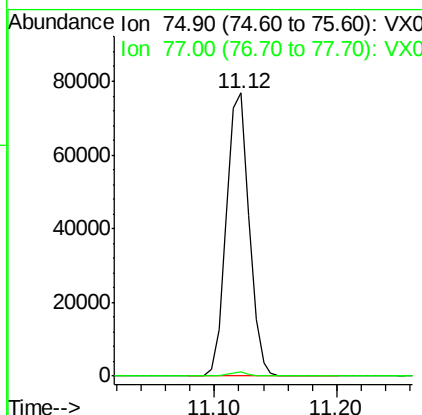
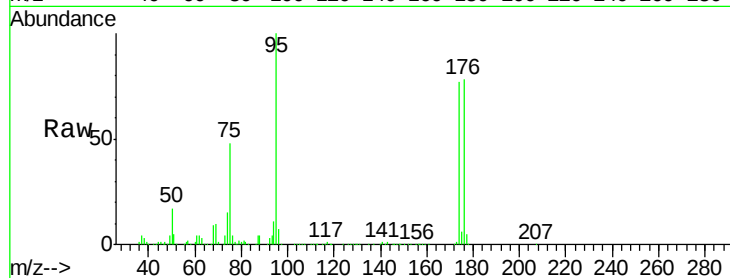




#76
 1,2,3-Trichloropropane
 Concen: 24.094 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.16 min
 Lab File: VX020072.D
 Acq: 16 Dec 2020 17:54

Instrument :
 MSVOA_X
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANA

Tgt Ion: 75 Resp: 98480
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.1 57.5#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.651 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. 0.07 min
 Lab File: VX020072.D
 Acq: 16 Dec 2020 17:54

Tgt Ion: 75 Resp: 98480
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.5 111.7#
 89 0.0 37.9 56.9#

