

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019727.D
 Acq On : 04 Dec 2020 19:17
 Operator : JC/MD
 Sample : L4960-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TRIP-BLANK

Quant Time: Dec 05 04:34:08 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	332506	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	549040	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	492439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	214236	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	205595	47.05	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.10%		
35) Dibromofluoromethane	5.46	113	166370	46.89	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.78%		
50) Toluene-d8	8.70	98	662100	48.88	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.76%		
62) 4-Bromofluorobenzene	11.12	95	228683	44.35	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	88.70%		

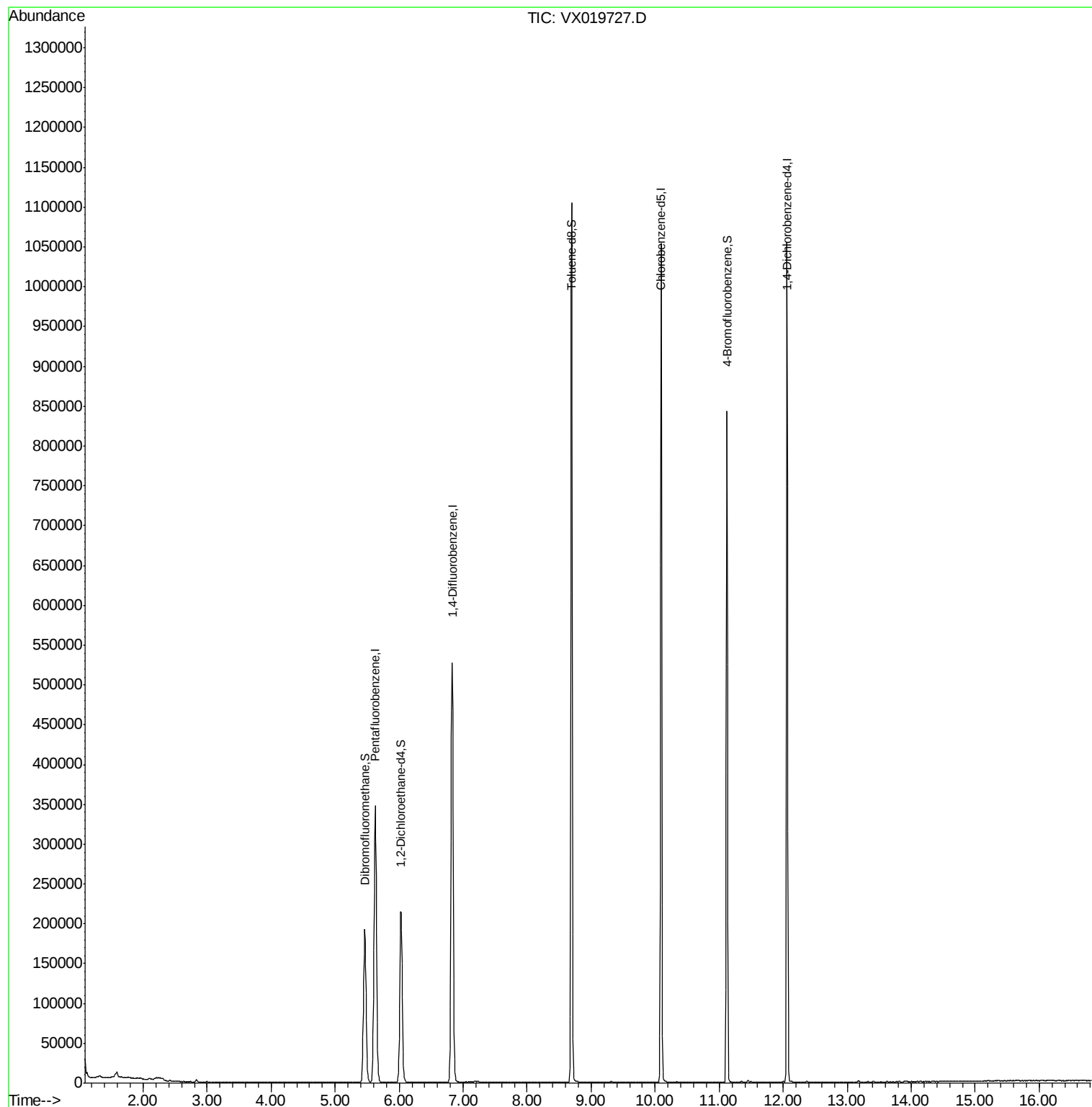
Target Compounds	Qvalue

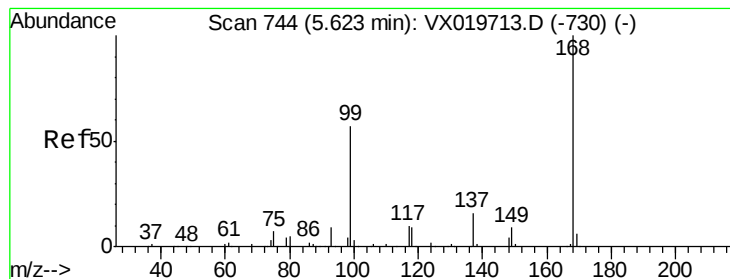
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. 0.01 min

Lab File: VX019727.D

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MSVOA_X

ClientSampleId :

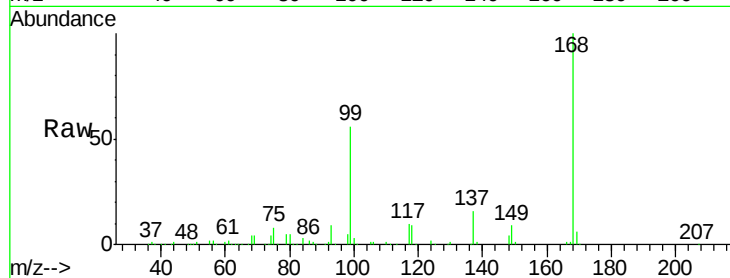
TRIP-BLANK

Tot Ion:168 Resp: 332506

Ion Ratio Lower Upper

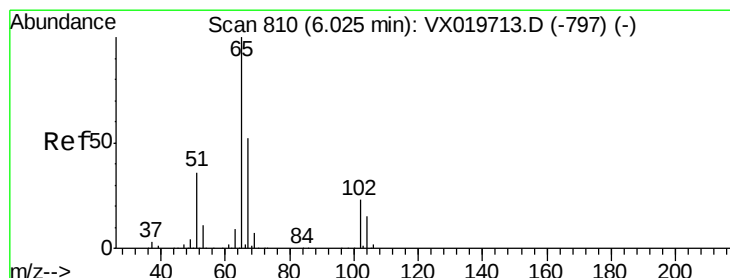
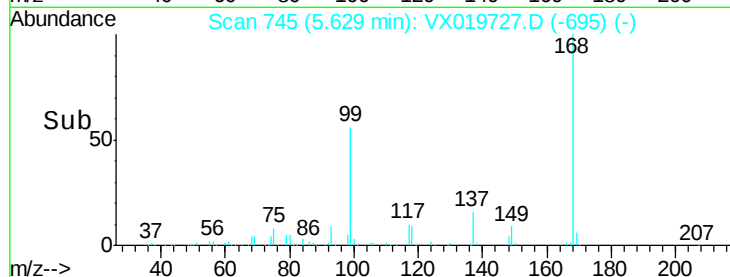
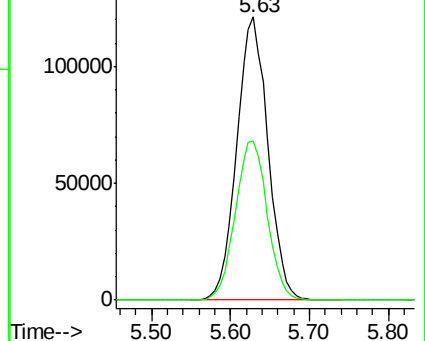
168 100

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



#33

1,2-Dichloroethane-d4

Concen: 47.046 ug/l

RT: 6.03 min Scan# 811

Delta R.T. 0.01 min

Lab File: VX019727.D

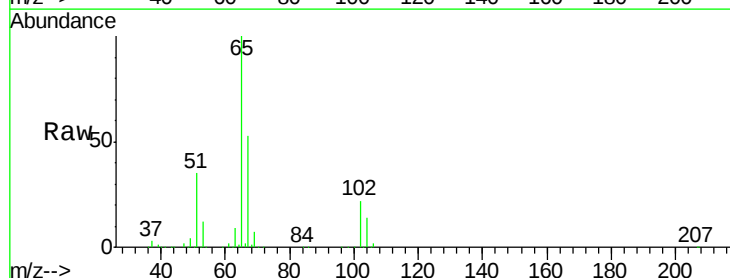
Acq: 04 Dec 2020 19:17

Tgt Ion: 65 Resp: 205595

Ion Ratio Lower Upper

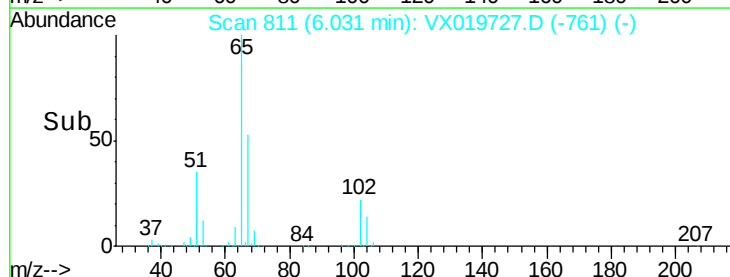
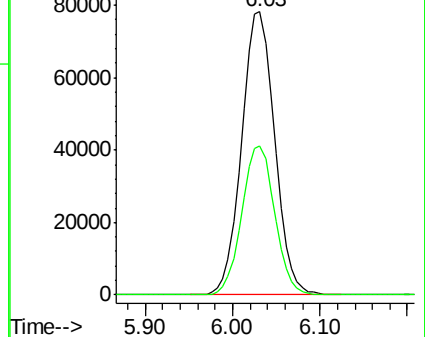
65 100

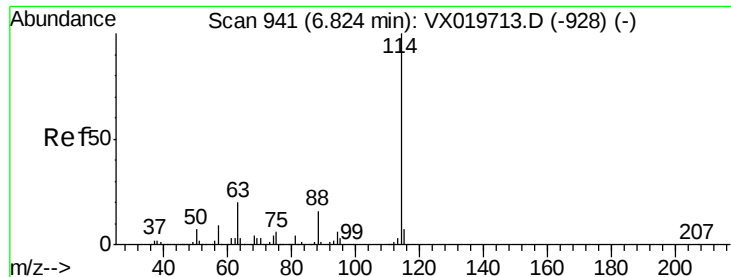
67 52.6 0.0 105.4



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: VX019727.D

Acq: 04 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

TRIP-BLANK

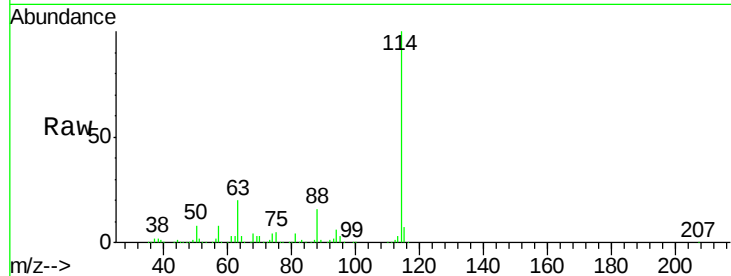
Tot Ion:114 Resp: 549040

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

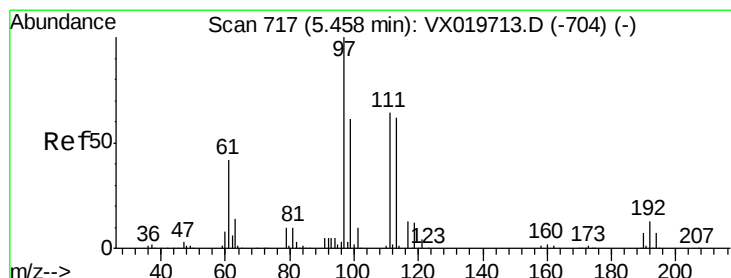
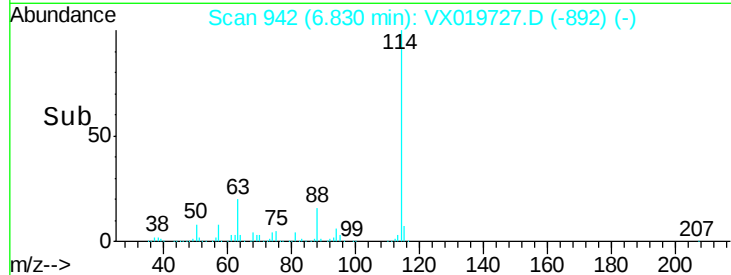
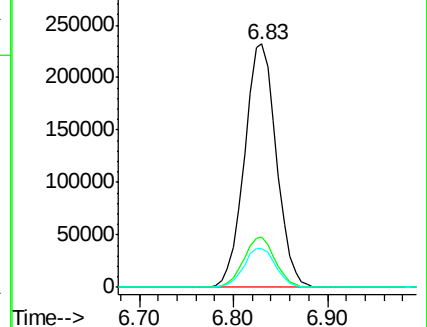
88 15.9 0.0 32.8



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: 46.886 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019727.D

Acq: 04 Dec 2020 19:17

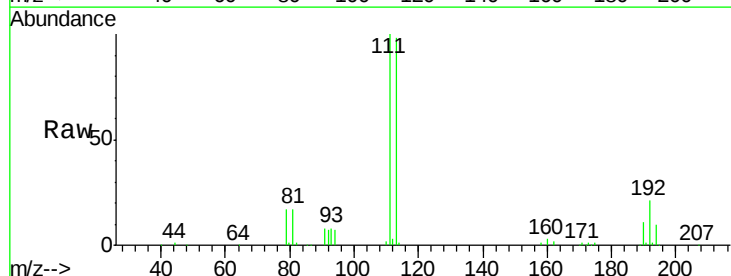
Tgt Ion:113 Resp: 166370

Ion Ratio Lower Upper

113 100

111 103.4 81.9 122.9

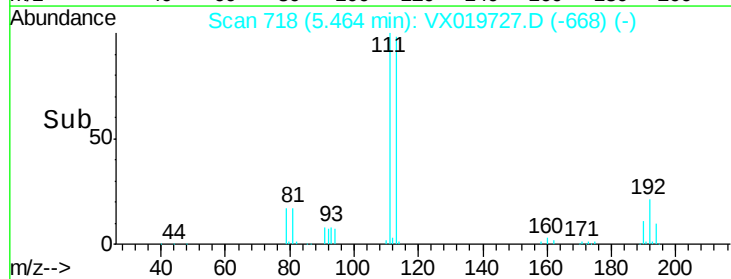
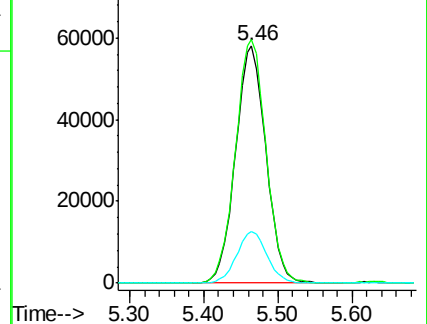
192 21.5 16.7 25.1

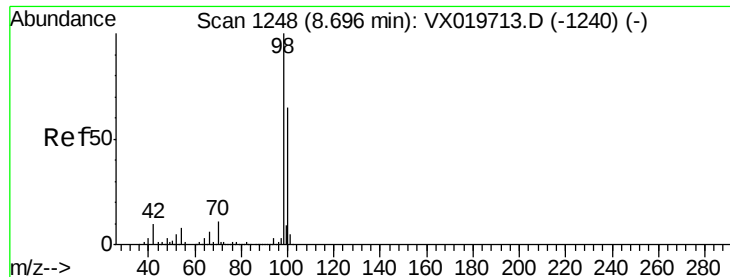


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.875 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019727.D

Acq: 04 Dec 2020 19:17

Instrument :

MSVOA_X

ClientSampleId :

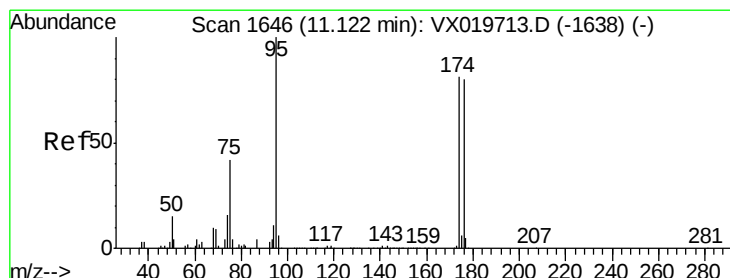
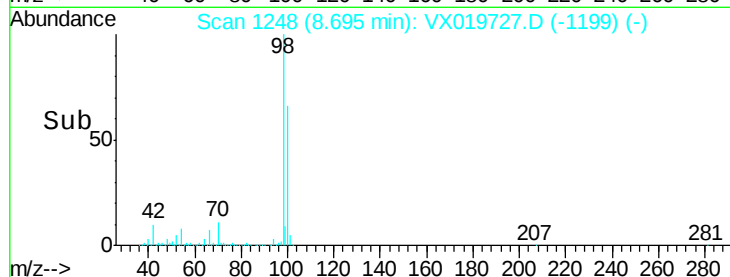
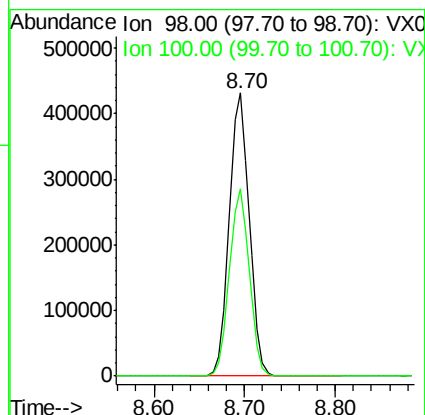
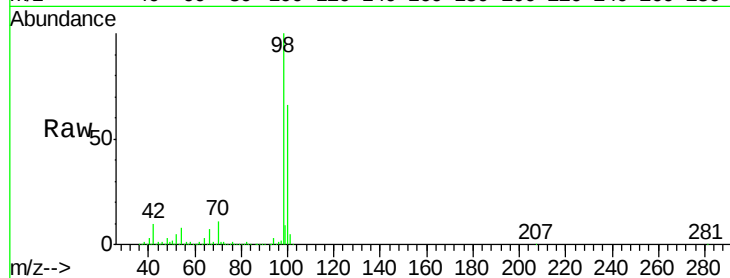
TRIP-BLANK

Tot Ion: 98 Resp: 662100

Ion Ratio Lower Upper

98 100

100 65.7 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.352 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019727.D

Acq: 04 Dec 2020 19:17

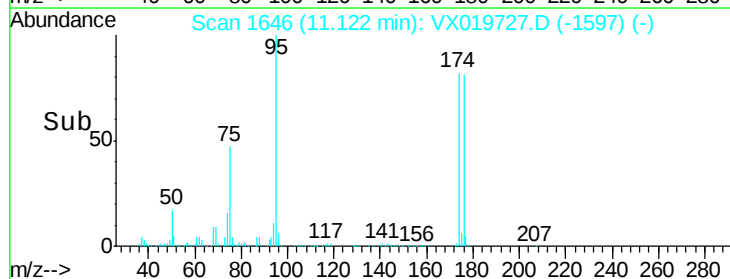
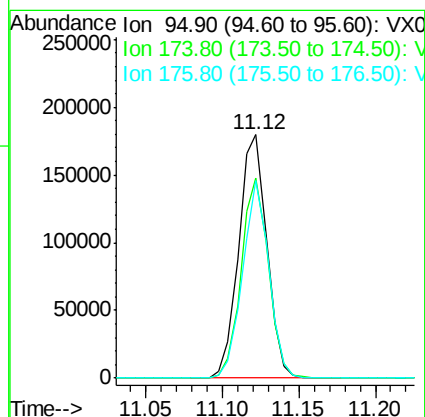
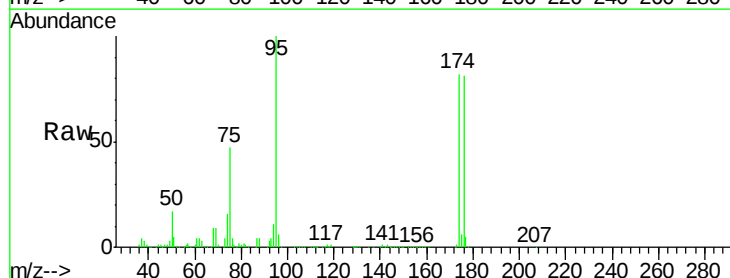
Tgt Ion: 95 Resp: 228683

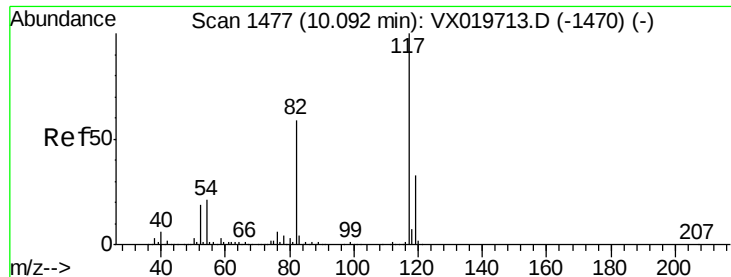
Ion Ratio Lower Upper

95 100

174 79.6 0.0 154.6

176 75.7 0.0 155.8

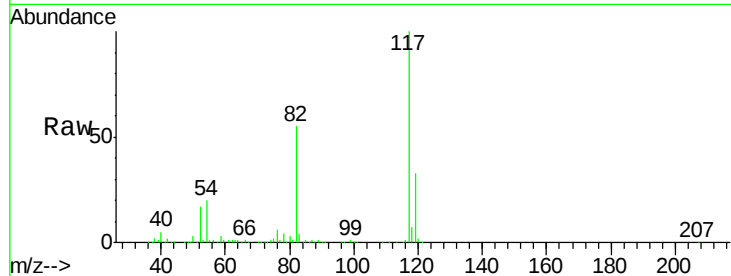




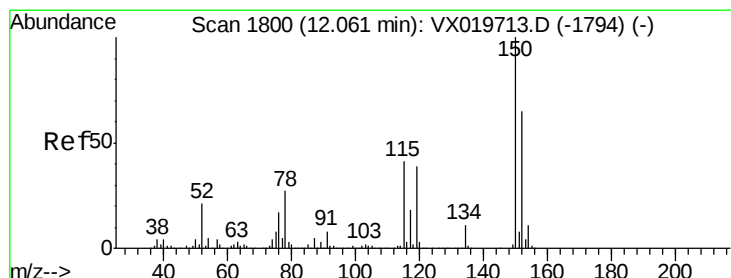
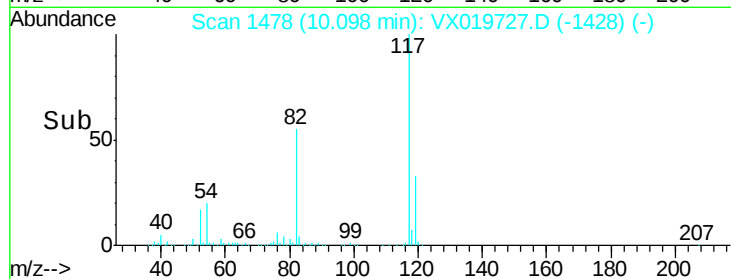
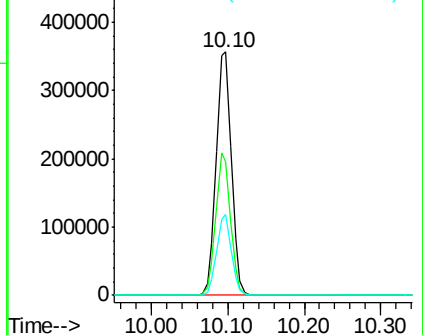
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.01 min
Lab File: VX019727.D
Acq: 04 Dec 2020 19:17

Instrument :
MSVOA_X
ClientSampleId :
TRIP-BLANK

Tot Ion:117 Resp: 492439
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 33.1 26.6 39.8

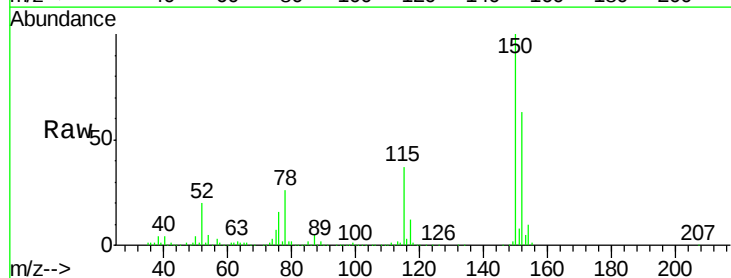


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. -0.00 min
Lab File: VX019727.D
Acq: 04 Dec 2020 19:17

Tgt Ion:152 Resp: 214236
Ion Ratio Lower Upper
152 100
115 58.7 41.1 123.3
150 156.0 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

