

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120420\
 Data File : VX019739.D
 Acq On : 04 Dec 2020 23:57
 Operator : JC/MD
 Sample : L4953-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-FD01-120220

Quant Time: Dec 05 05:45:35 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	341849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	562792	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	513180	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	229955	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	212558	47.31	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.62%		
35) Dibromofluoromethane	5.46	113	171202	47.07	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	94.14%		
50) Toluene-d8	8.70	98	679426	48.93	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.86%		
62) 4-Bromofluorobenzene	11.12	95	244060	46.18	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.36%		

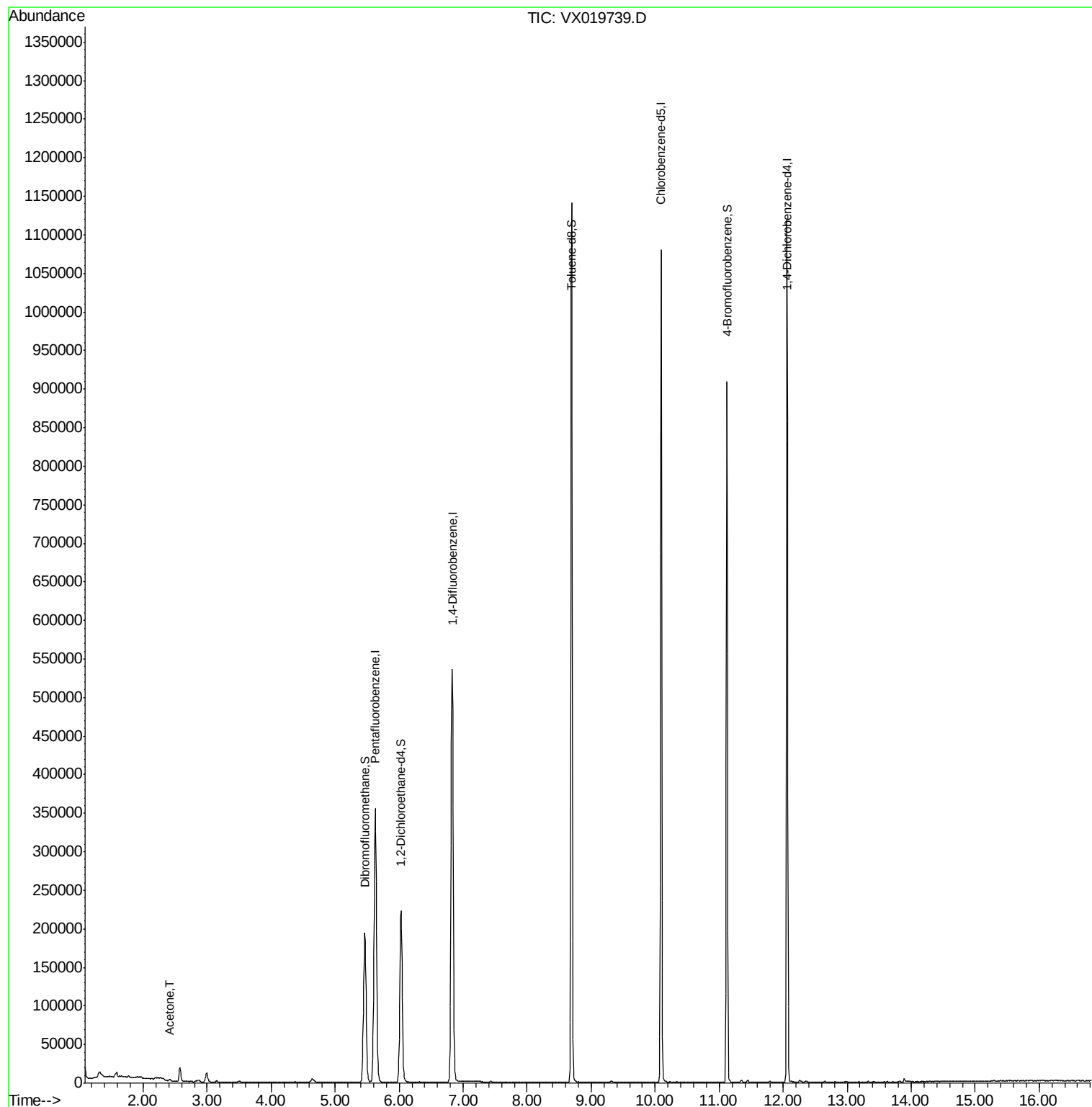
Target Compounds					Qvalue
16) Acetone	2.42	43	2225	1.318 ug/l	100

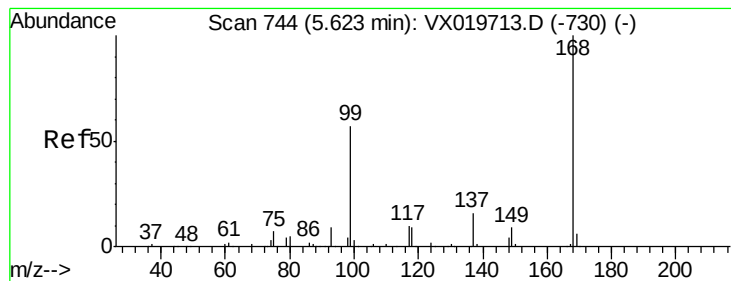
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX019739.D

Acq: 04 Dec 2020 23:57

Instrument :

MSVOA_X

ClientSampleId :

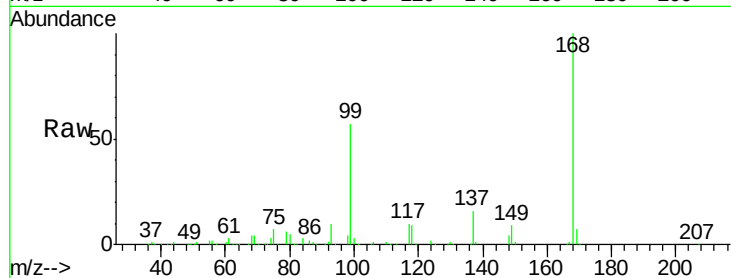
ID039-FD01-120220

Tot Ion:168 Resp: 341849

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

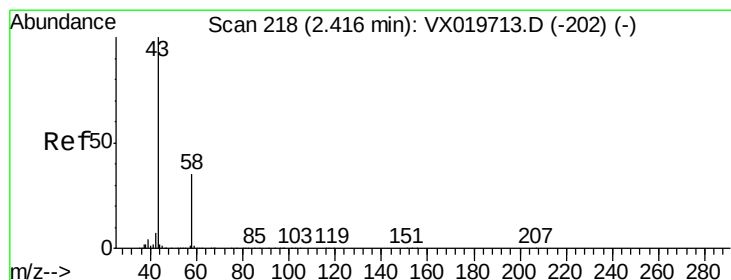
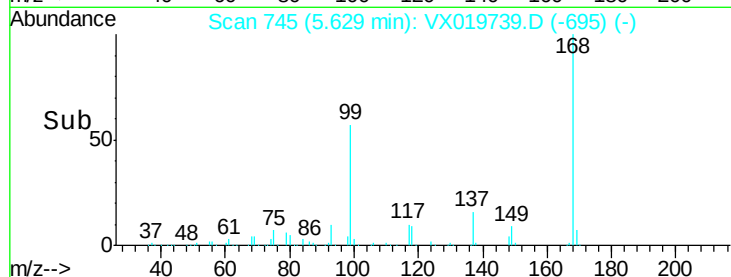
5.63

100000

50000

0

Time-->



#16

Acetone

Concen: 1.318 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX019739.D

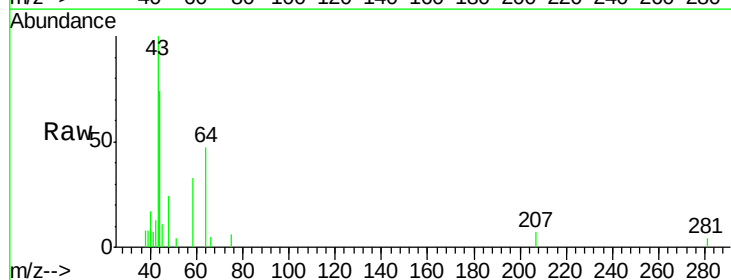
Acq: 04 Dec 2020 23:57

Tgt Ion: 43 Resp: 2225

Ion Ratio Lower Upper

43 100

58 34.6 27.8 41.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

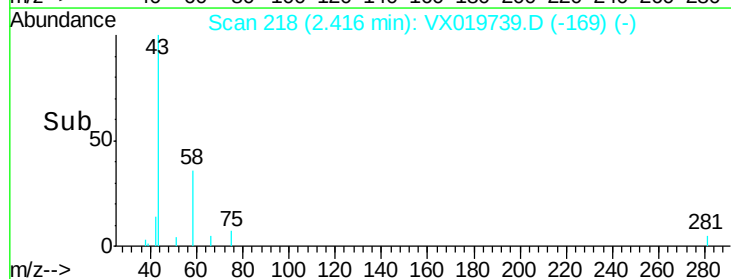
1500

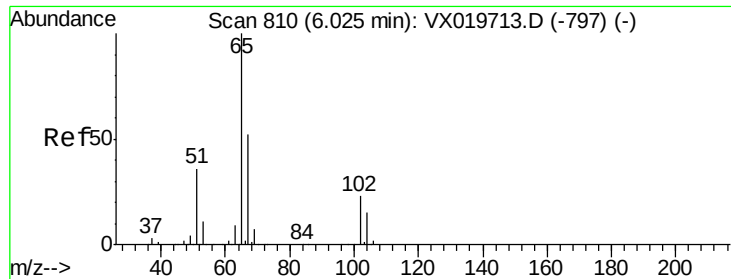
1000

500

0

Time-->

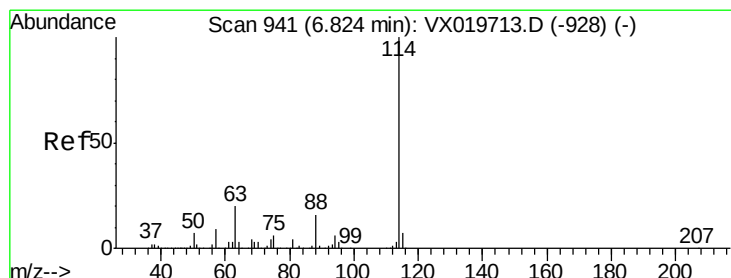
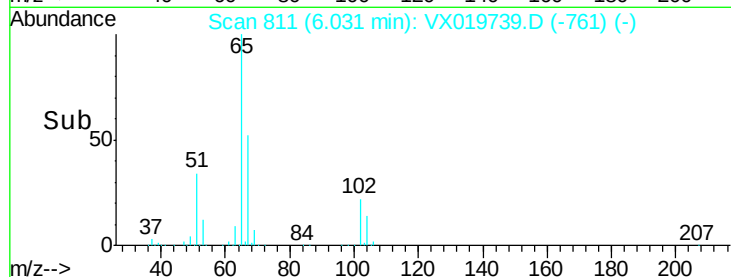
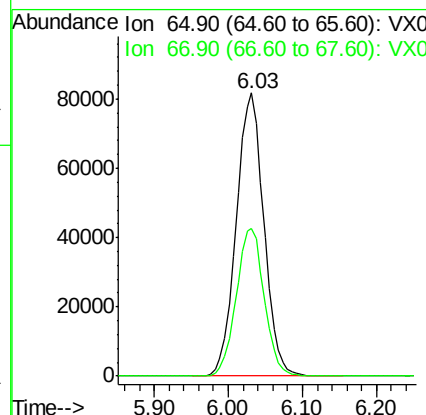
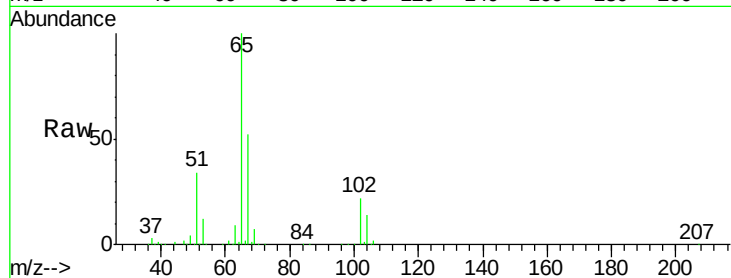




#33
 1,2-Dichloroethane-d4
 Concen: 47.310 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. 0.01 min
 Lab File: VX019739.D
 Acq: 04 Dec 2020 23:57

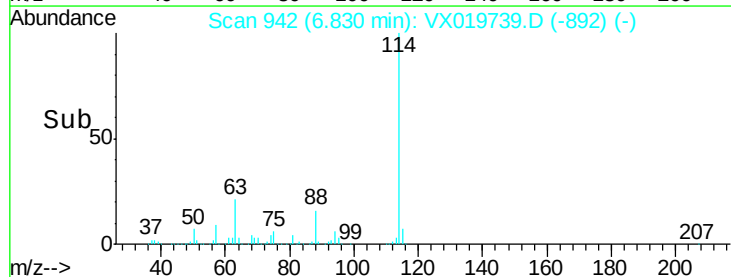
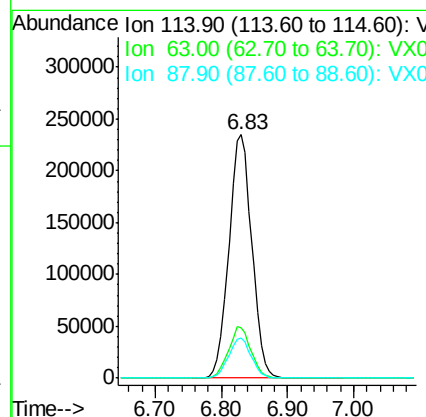
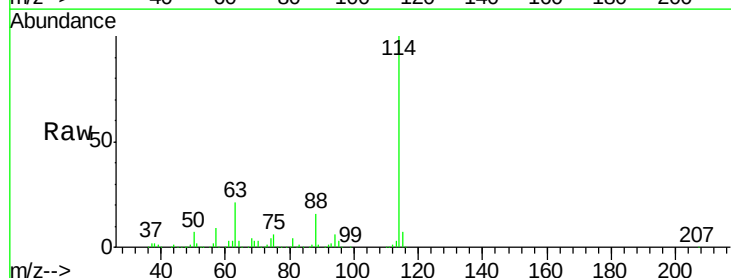
Instrument :
 MSVOA_X
 ClientSampleId :
 ID039-FD01-120220

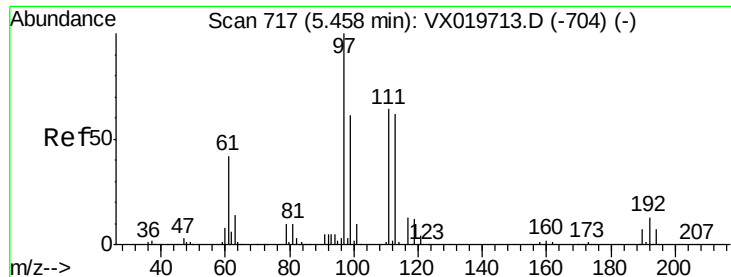
Tot Ion: 65 Resp: 212558
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 105.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.83 min Scan# 942
 Delta R.T. 0.01 min
 Lab File: VX019739.D
 Acq: 04 Dec 2020 23:57

Tgt Ion: 114 Resp: 562792
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 40.8
 88 16.5 0.0 32.8





#35

Dibromofluoromethane

Concen: 47.069 ug/l

RT: 5.46 min Scan# 718

Delta R.T. 0.01 min

Lab File: VX019739.D

Acq: 04 Dec 2020 23:57

Instrument :

MSVOA_X

ClientSampleId :

ID039-FD01-120220

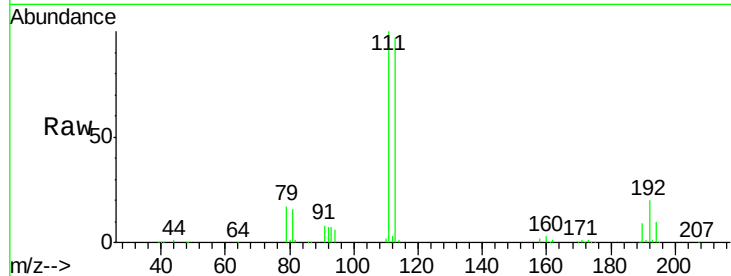
Tot Ion:113 Resp: 171202

Ion Ratio Lower Upper

113 100

111 102.9 81.9 122.9

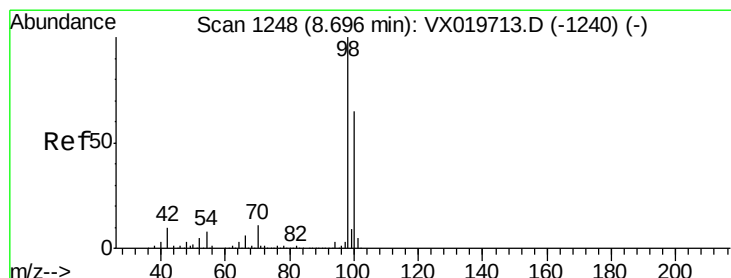
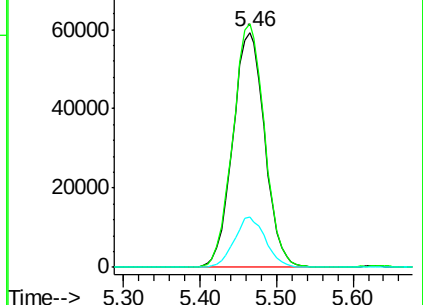
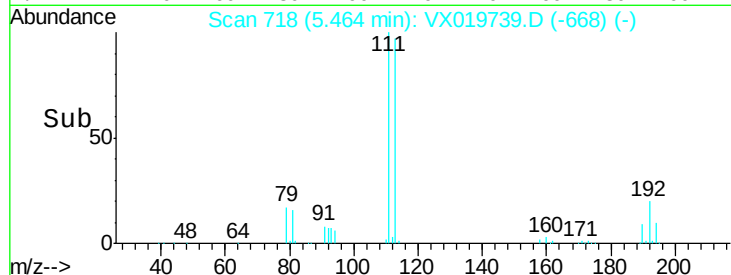
192 20.9 16.7 25.1



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: 48.929 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX019739.D

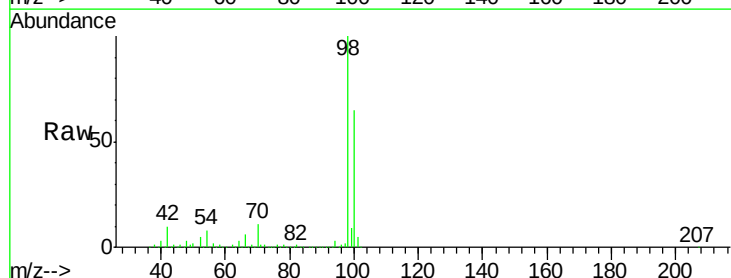
Acq: 04 Dec 2020 23:57

Tgt Ion: 98 Resp: 679426

Ion Ratio Lower Upper

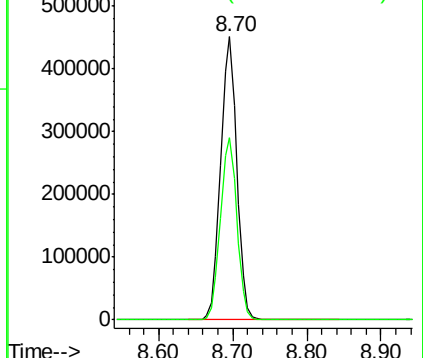
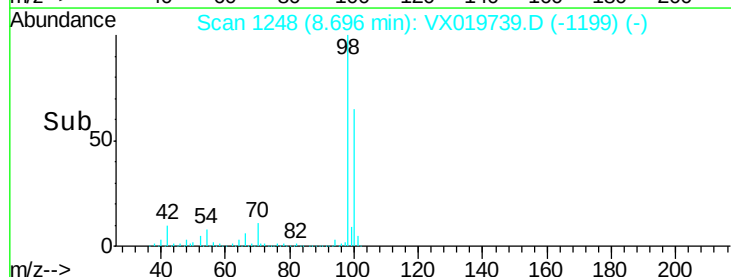
98 100

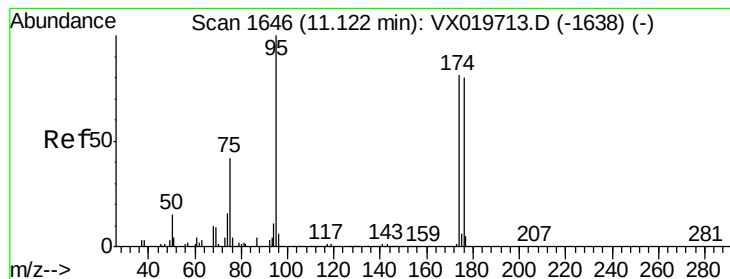
100 65.5 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 46.178 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX019739.D

Acq: 04 Dec 2020 23:57

Instrument :

MSVOA_X

ClientSampleId :

ID039-FD01-120220

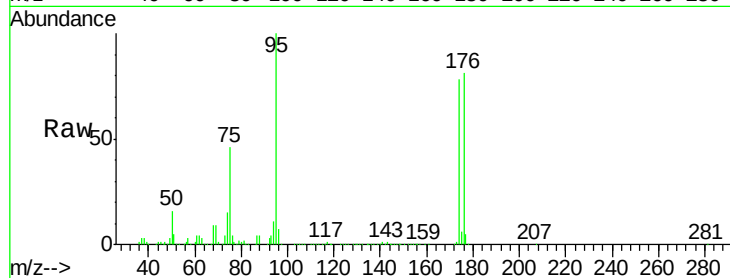
Tot Ion: 95 Resp: 244060

Ion Ratio Lower Upper

95 100

174 77.4 0.0 154.6

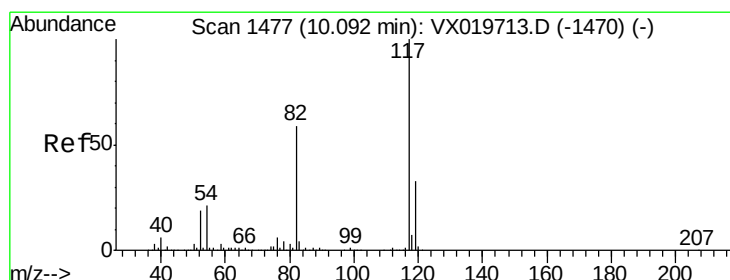
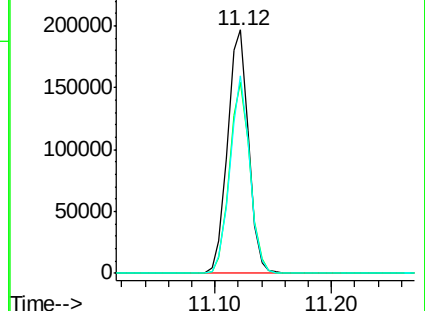
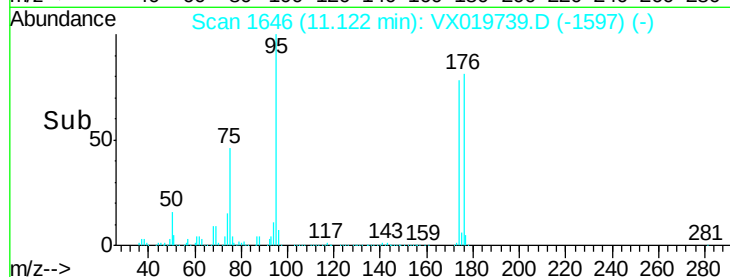
176 76.8 0.0 155.8



Abundance Ion 94.90 (94.60 to 95.60): VX019739.D (-1597) (-)

Ion 173.80 (173.50 to 174.50): VX019739.D (-1597) (-)

Ion 175.80 (175.50 to 176.50): VX019739.D (-1597) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.09 min Scan# 1477

Delta R.T. -0.00 min

Lab File: VX019739.D

Acq: 04 Dec 2020 23:57

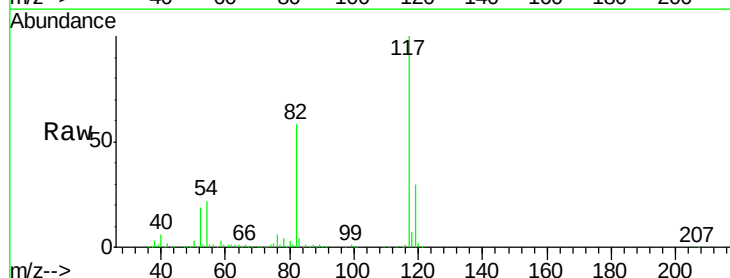
Tgt Ion: 117 Resp: 513180

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.2

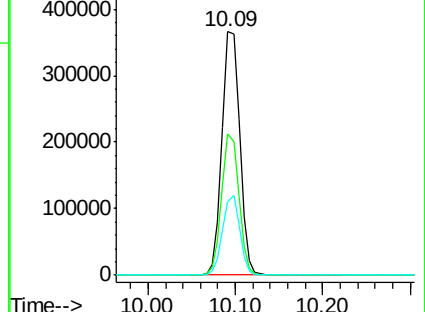
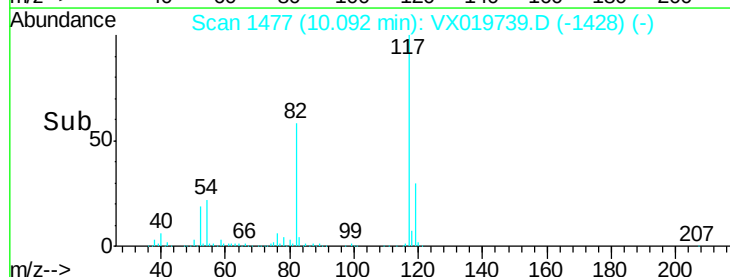
119 30.4 26.6 39.8

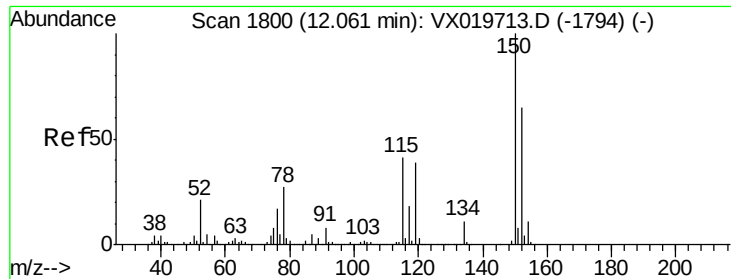


Abundance Ion 116.90 (116.60 to 117.60): VX019739.D (-1428) (-)

Ion 82.00 (81.70 to 82.70): VX019739.D (-1428) (-)

Ion 118.90 (118.60 to 119.60): VX019739.D (-1428) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX019739.D

Acq: 04 Dec 2020 23:57

Instrument :

MSVOA_X

ClientSampleId :

ID039-FD01-120220

Tot Ion:152 Resp: 229955

Ion Ratio Lower Upper

152 100

115 59.0 41.1 123.3

150 155.1 0.0 349.0

