

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081219\
 Data File : VX011484.D
 Acq On : 12 Aug 2019 15:29
 Operator : JC/SP
 Sample : K4278-08
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 Z3-0705

Quant Time: Aug 13 08:23:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

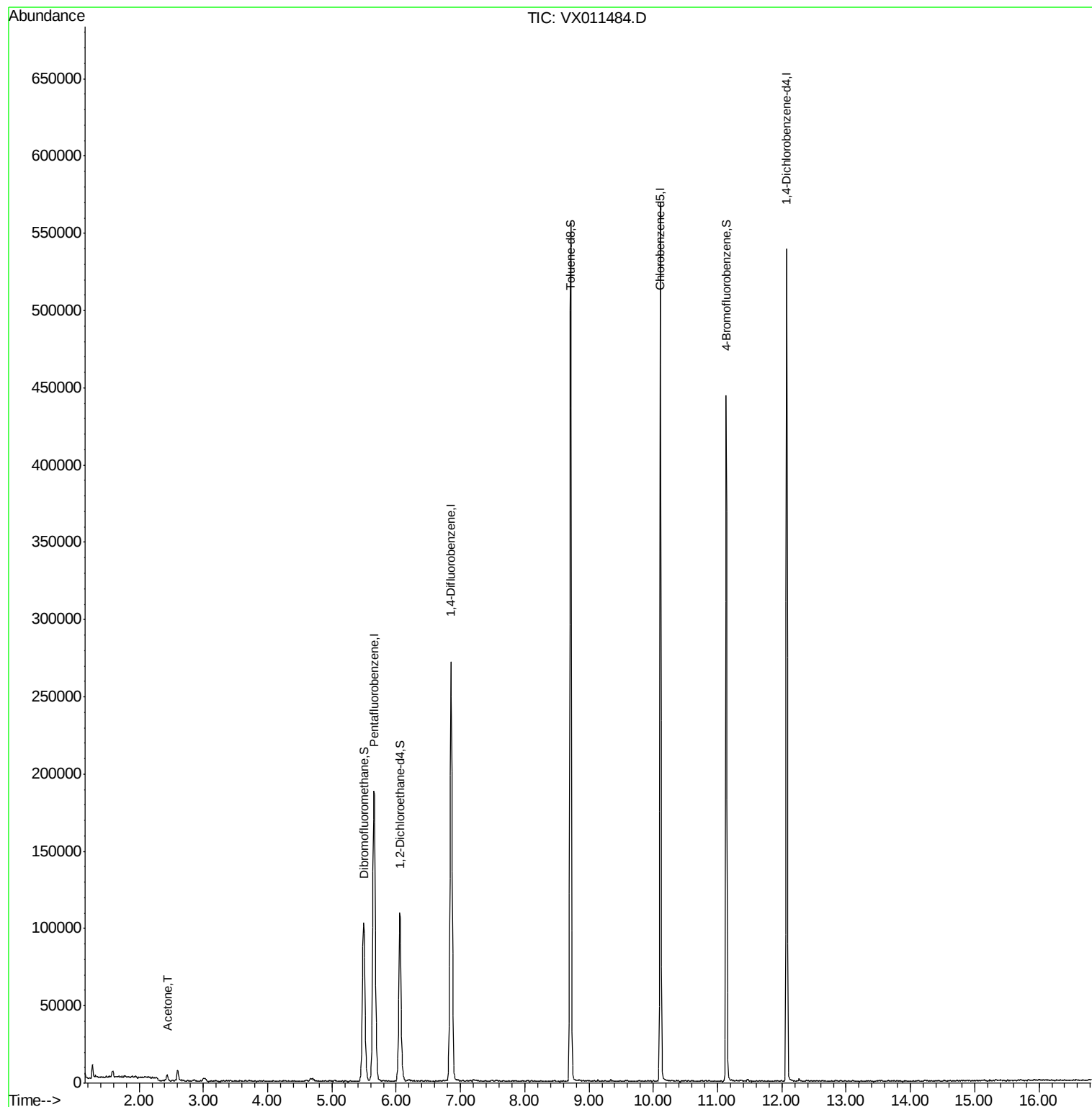
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	186394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	280746	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	249163	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	114367	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102097	54.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.78%	
35) Dibromofluoromethane	5.49	113	85966	46.90	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.80%	
50) Toluene-d8	8.71	98	328517	47.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.13	95	108680	44.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.00%	
Target Compounds						
16) Acetone	2.43	43	4716	5.278	ug/l	Qvalue 90

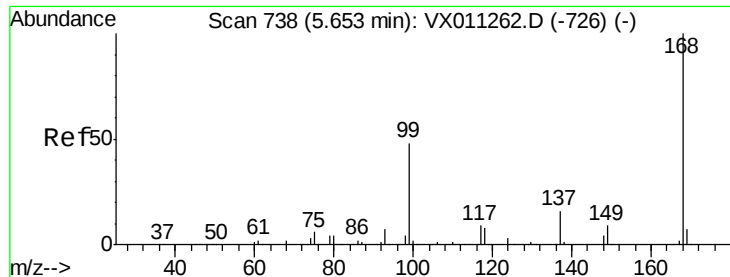
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.01 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

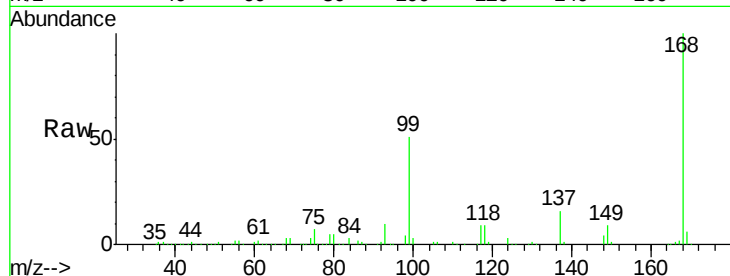
Z3-0705

Tot Ion:168 Resp: 186394

Ion Ratio Lower Upper

168 100

99 51.1 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

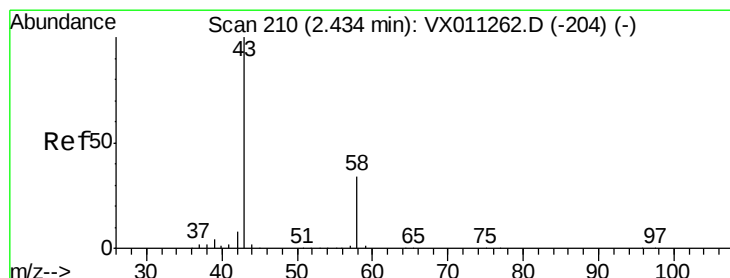
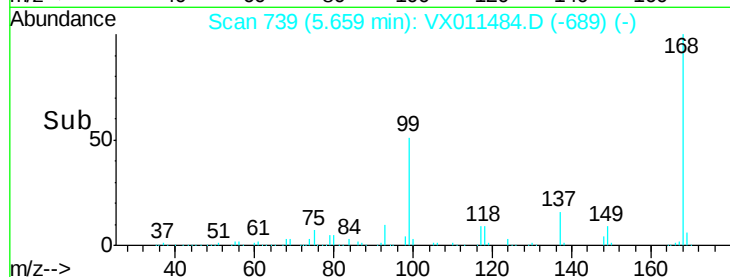
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.278 ug/l

RT: 2.43 min Scan# 210

Delta R.T. 0.00 min

Lab File: VX011484.D

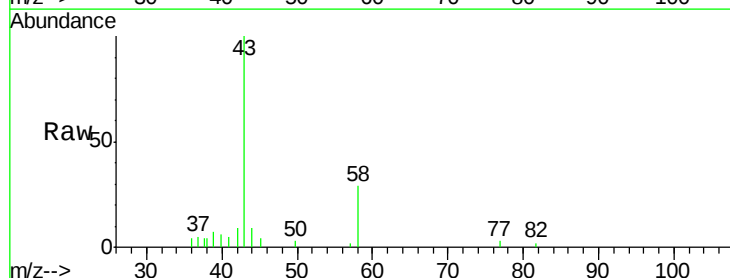
Acq: 12 Aug 2019 15:29

Tgt Ion: 43 Resp: 4716

Ion Ratio Lower Upper

43 100

58 28.7 27.4 41.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

3000

2500

2000

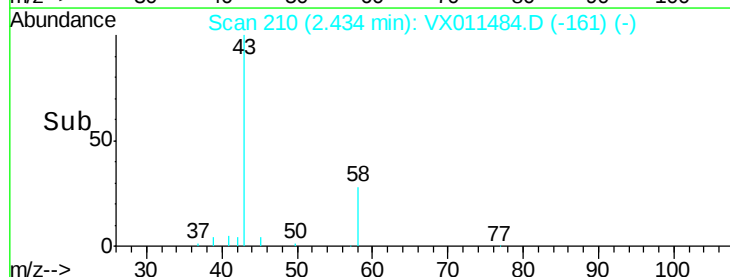
1500

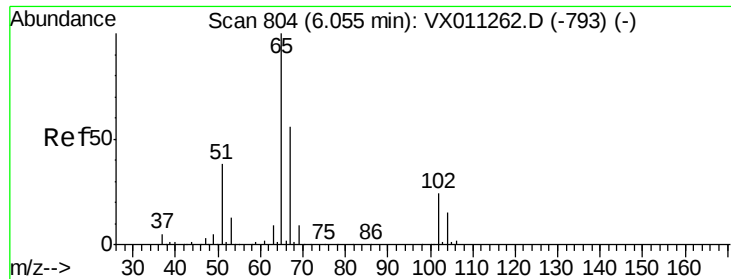
1000

500

0

Time--> 2.35 2.40 2.45 2.50





#33

1,2-Dichloroethane-d4

Concen: 54.391 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

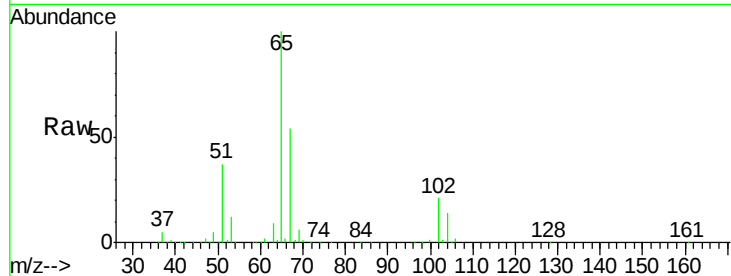
Z3-0705

Tot Ion: 65 Resp: 102097

Ion Ratio Lower Upper

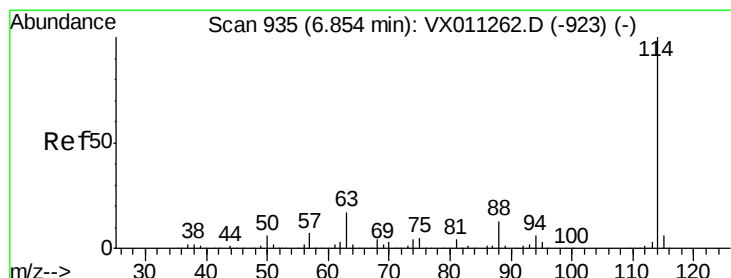
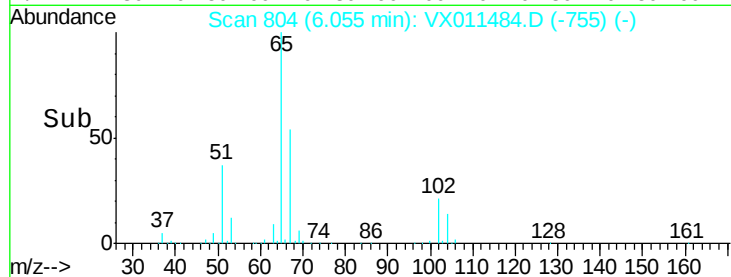
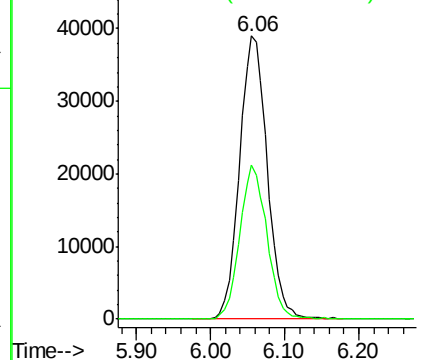
65 100

67 53.1 0.0 110.6



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: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

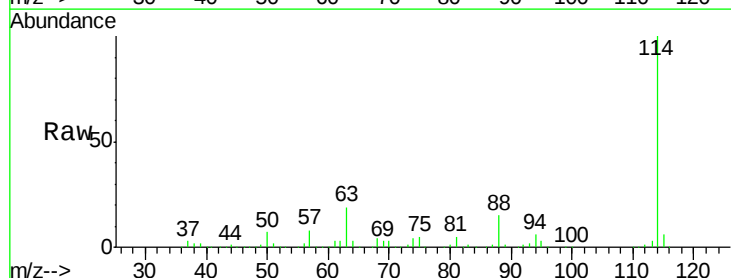
Tgt Ion: 114 Resp: 280746

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

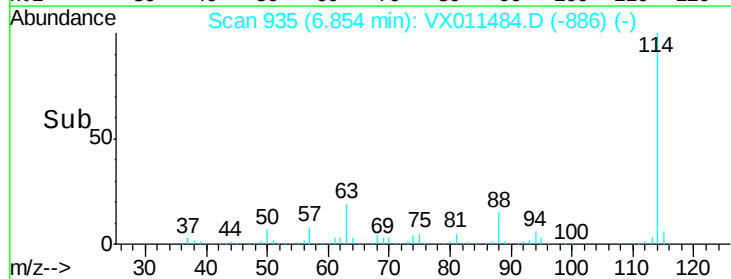
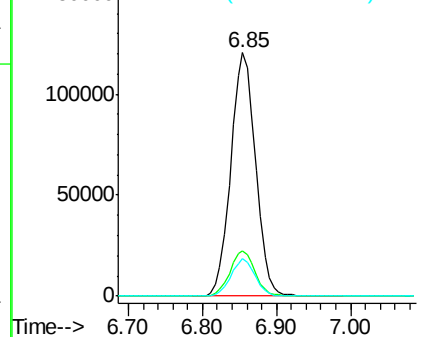
88 15.2 0.0 26.4

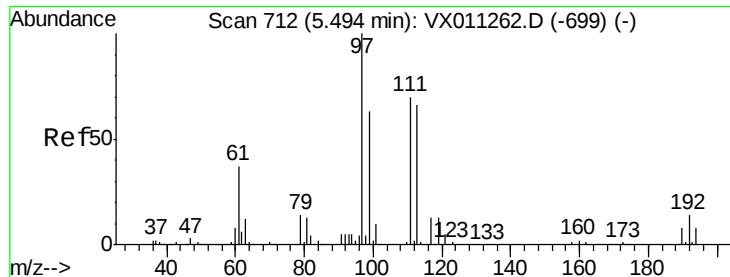


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 46.901 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

Z3-0705

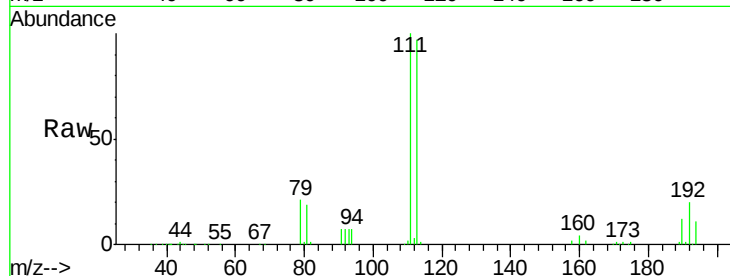
Tot Ion:113 Resp: 85966

Ion Ratio Lower Upper

113 100

111 103.1 81.9 122.9

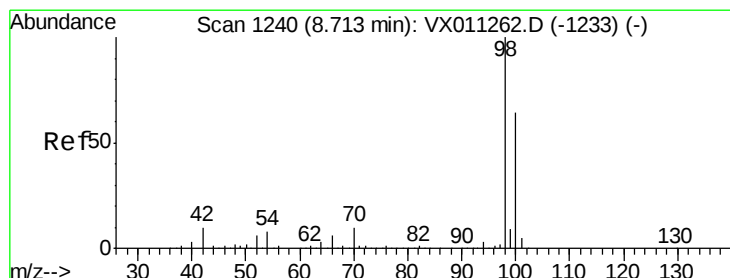
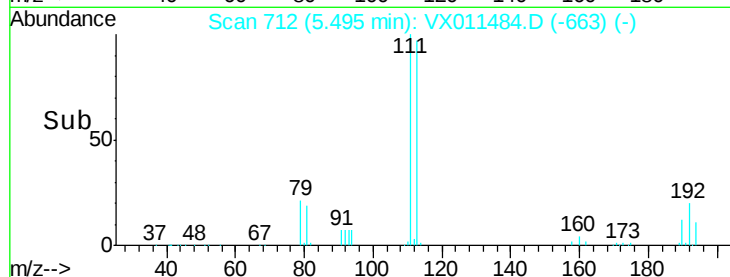
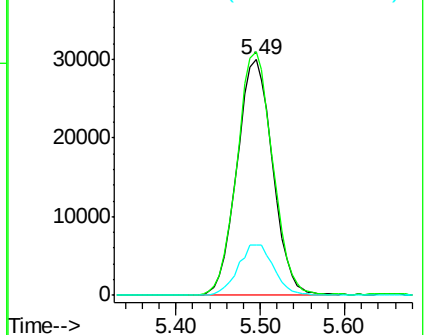
192 21.5 17.8 26.8



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: 47.482 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011484.D

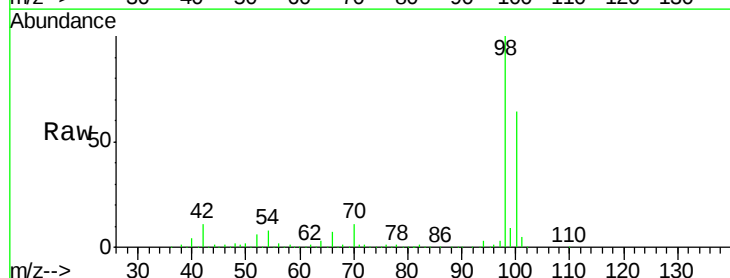
Acq: 12 Aug 2019 15:29

Tgt Ion: 98 Resp: 328517

Ion Ratio Lower Upper

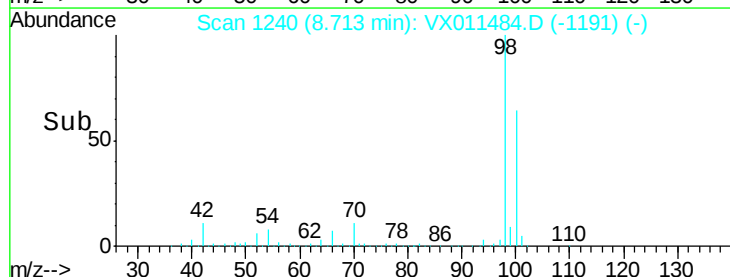
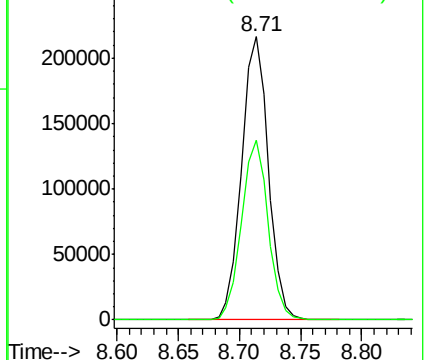
98 100

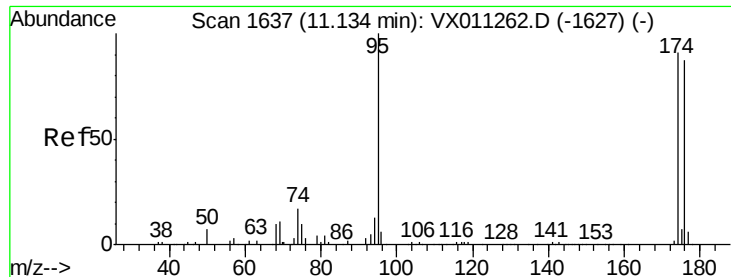
100 63.2 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.997 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

Z3-0705

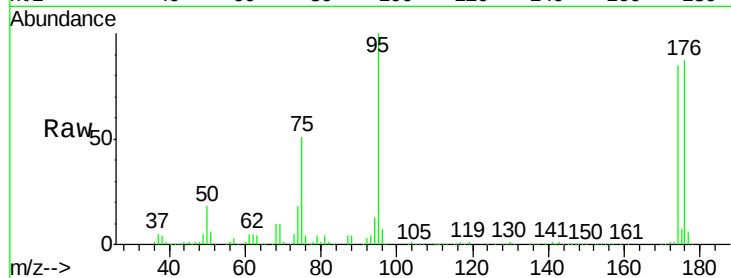
Tot Ion: 95 Resp: 108680

Ion Ratio Lower Upper

95 100

174 89.8 0.0 191.2

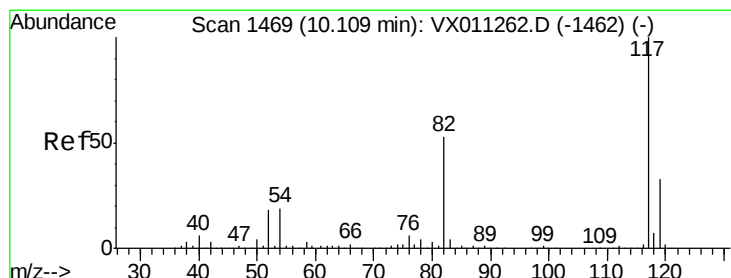
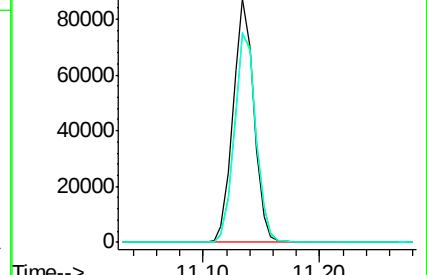
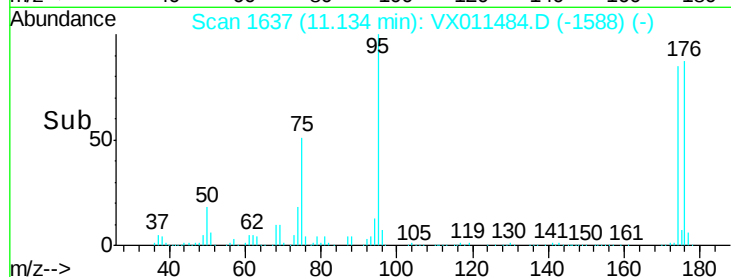
176 88.1 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011484.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011484.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011484.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

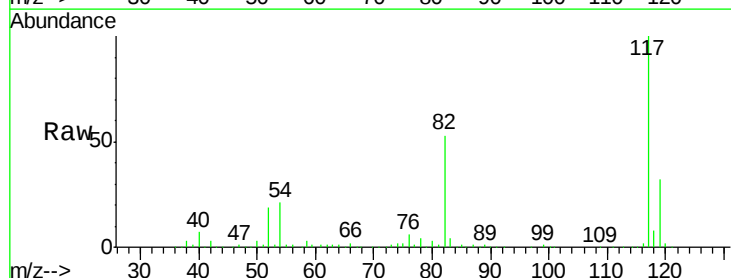
Tgt Ion: 117 Resp: 249163

Ion Ratio Lower Upper

117 100

82 53.1 42.2 63.2

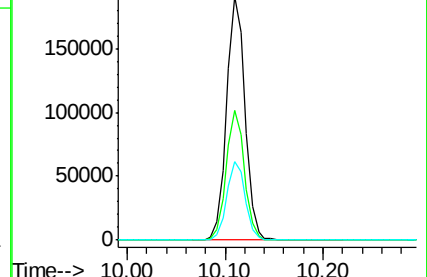
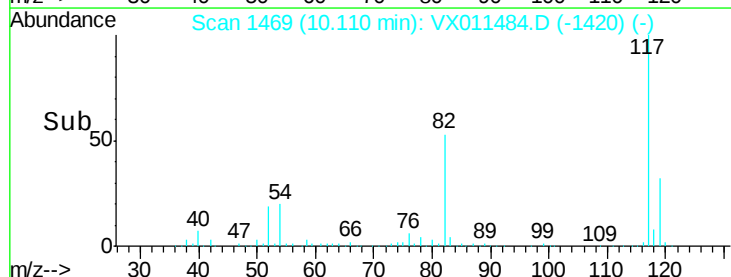
119 32.1 26.6 39.8

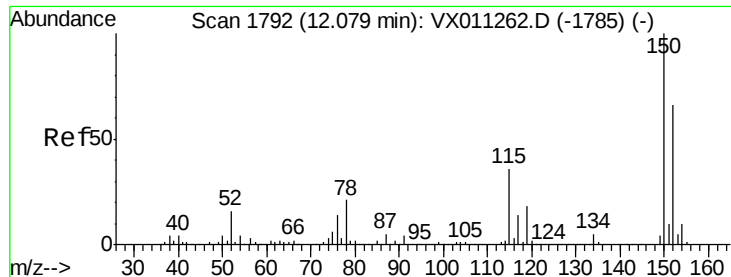


Abundance Ion 116.90 (116.60 to 117.60): VX011484.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011484.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011484.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX011484.D

Acq: 12 Aug 2019 15:29

Instrument :

MSVOA_X

ClientSampleId :

Z3-0705

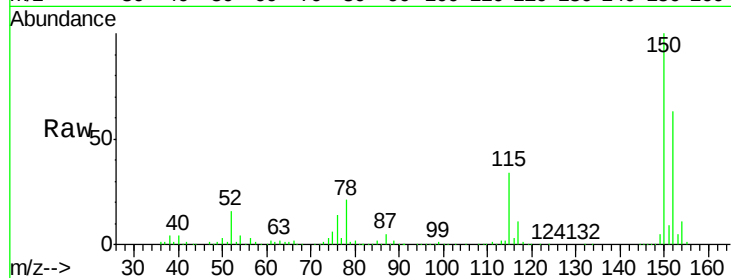
Tot Ion:152 Resp: 114367

Ion Ratio Lower Upper

152 100

115 56.5 40.0 119.9

150 157.6 0.0 350.4



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

