

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051719\
 Data File : VX009695.D
 Acq On : 18 May 2019 05:29
 Operator : JC/SP
 Sample : K2901-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-051519

Quant Time: May 18 06:57:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

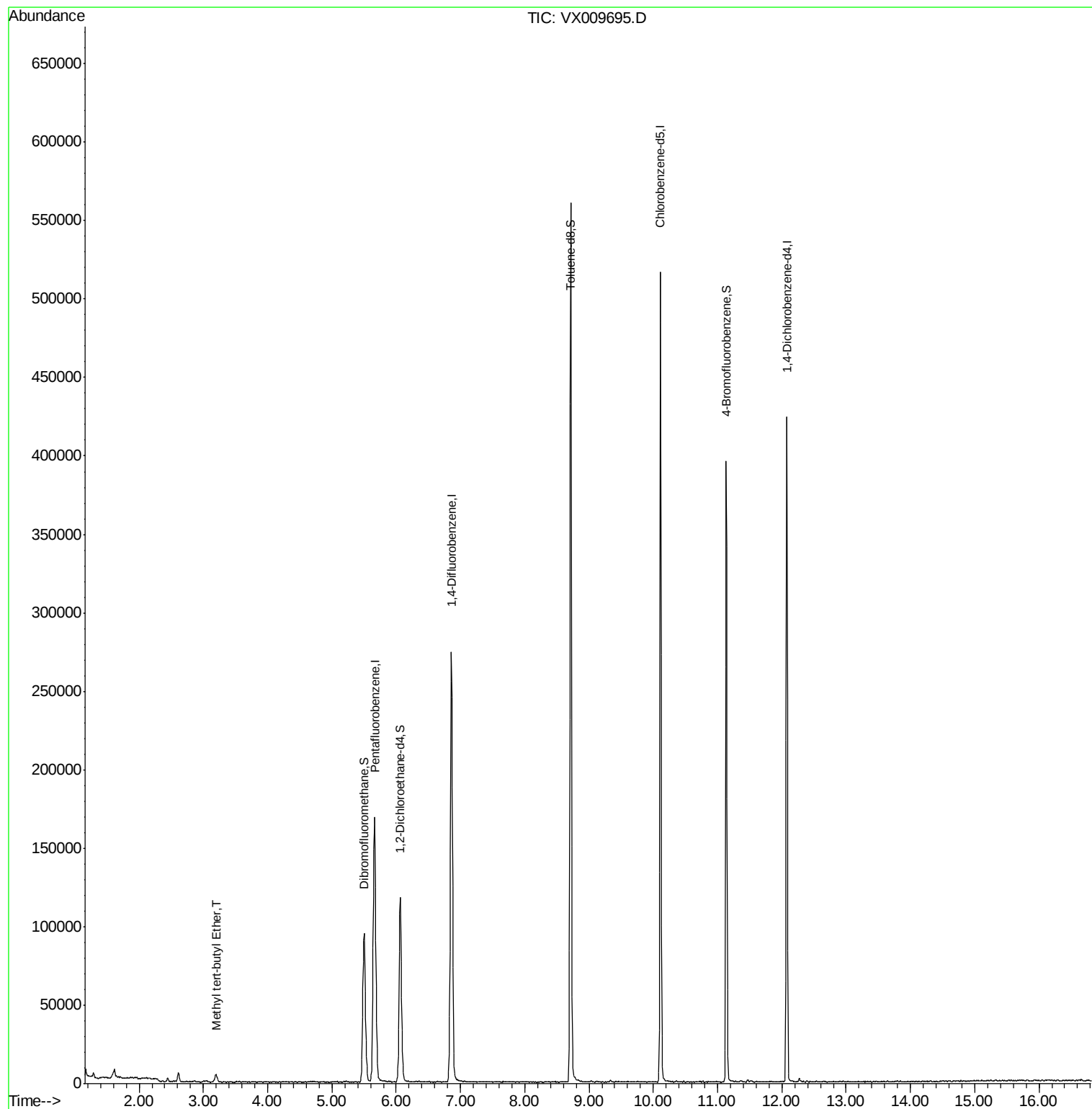
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	163716	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	262926	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	224410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	87036	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	111354	49.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.64%	
35) Dibromofluoromethane	5.50	113	80927	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
50) Toluene-d8	8.71	98	328725	49.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	102527	42.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.56%	
Target Compounds						
19) Methyl tert-butyl Ether	3.20	73	4809	0.806	ug/l #	85

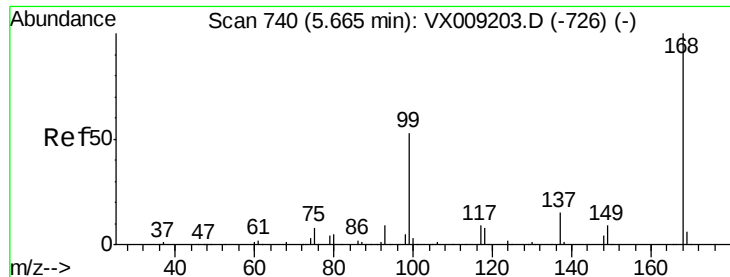
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX009695.D

Acq: 18 May 2019 05:29

Instrument :

MSVOA_X

ClientSampleId :

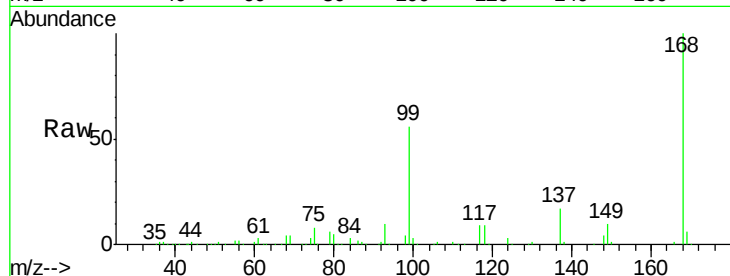
DUP-051519

Tot Ion:168 Resp: 163716

Ion Ratio Lower Upper

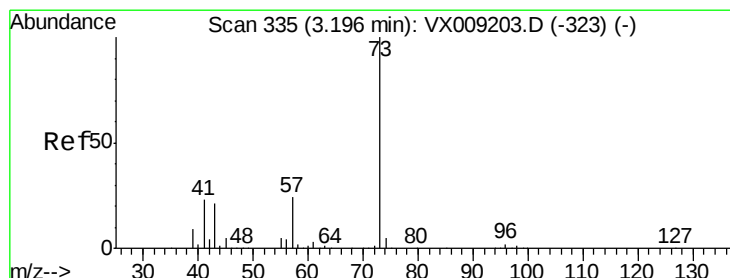
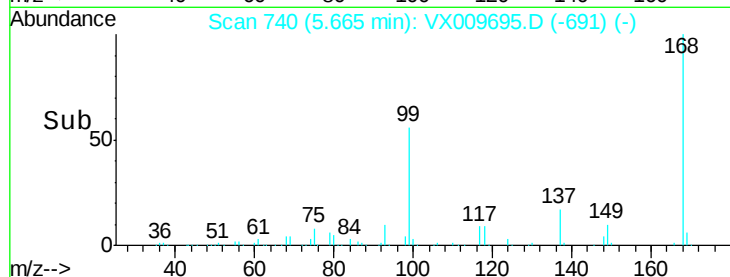
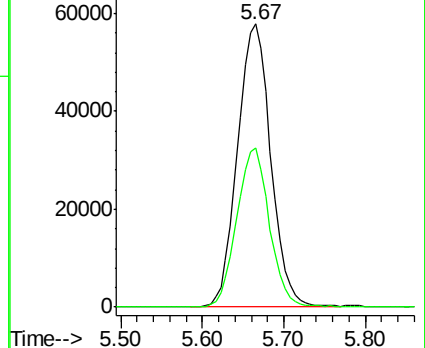
168 100

99 56.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#19

Methyl tert-butyl Ether

Concen: 0.806 ug/l

RT: 3.20 min Scan# 335

Delta R.T. -0.00 min

Lab File: VX009695.D

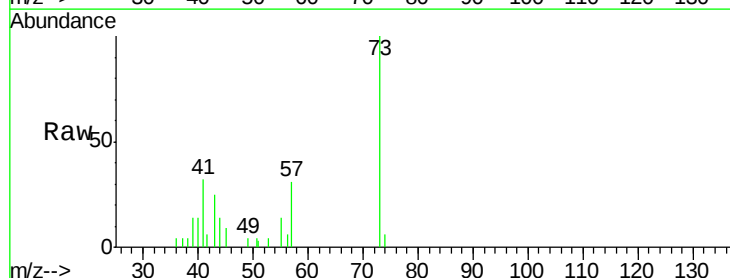
Acq: 18 May 2019 05:29

Tgt Ion: 73 Resp: 4809

Ion Ratio Lower Upper

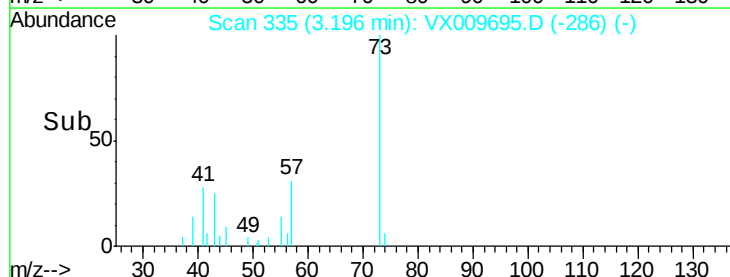
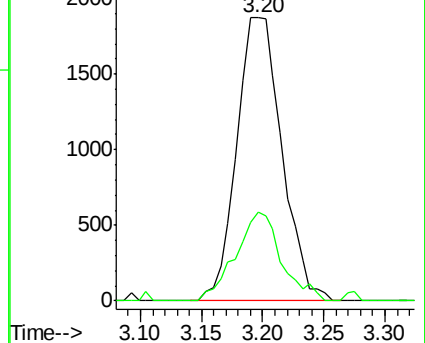
73 100

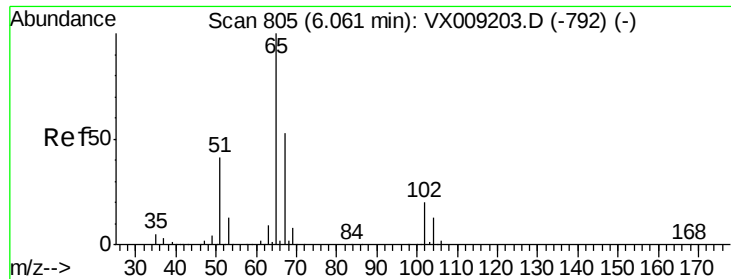
57 31.3 19.3 28.9#



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

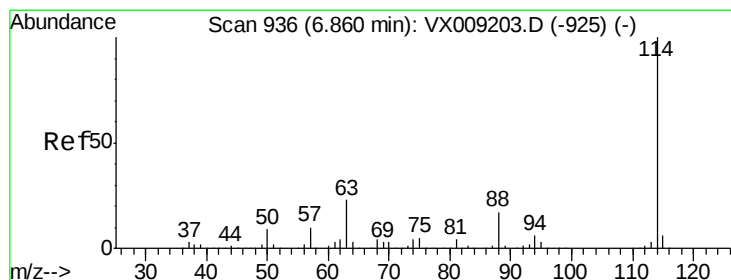
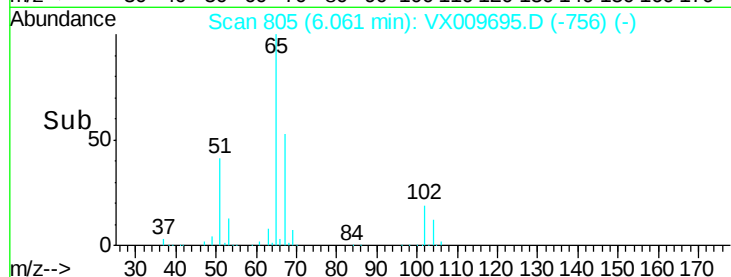
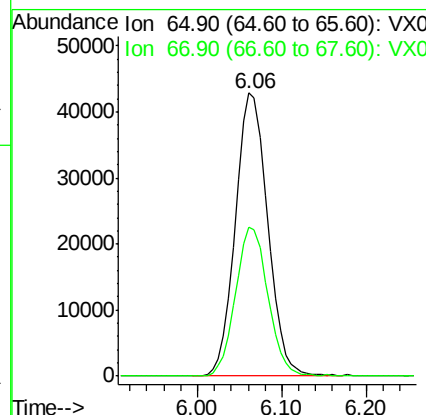
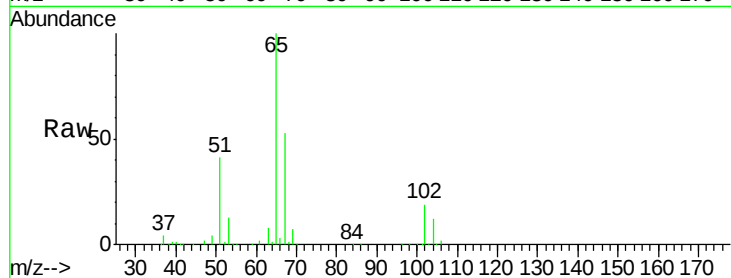




#33
 1,2-Dichloroethane-d4
 Concen: 49.825 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009695.D
 Acq: 18 May 2019 05:29

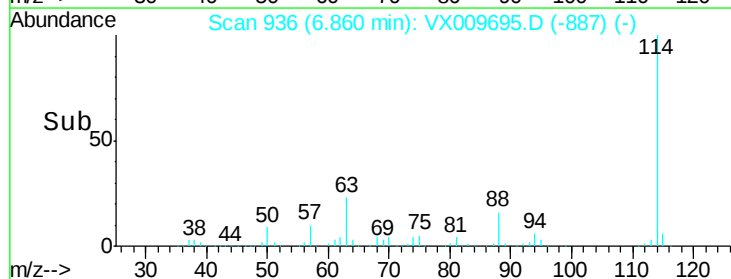
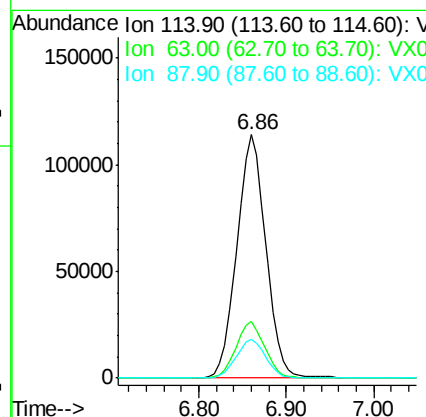
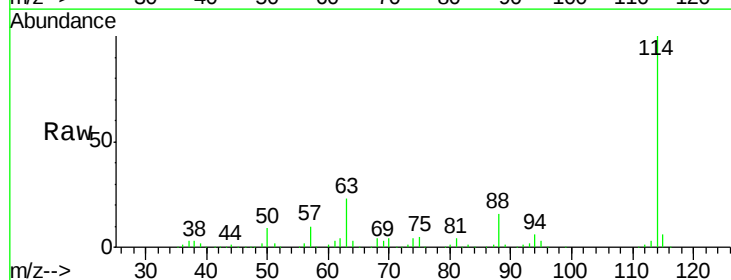
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-051519

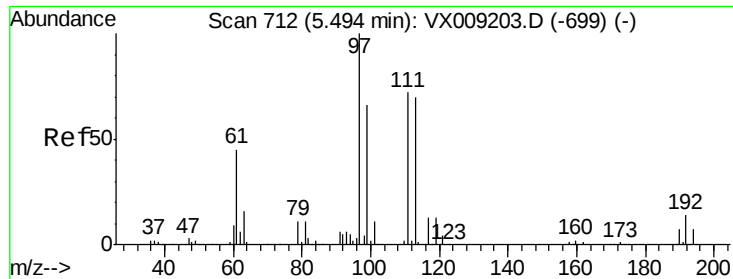
Tot Ion: 65 Resp: 111354
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX009695.D
 Acq: 18 May 2019 05:29

Tgt Ion: 114 Resp: 262926
 Ion Ratio Lower Upper
 114 100
 63 23.1 0.0 45.6
 88 16.0 0.0 33.2

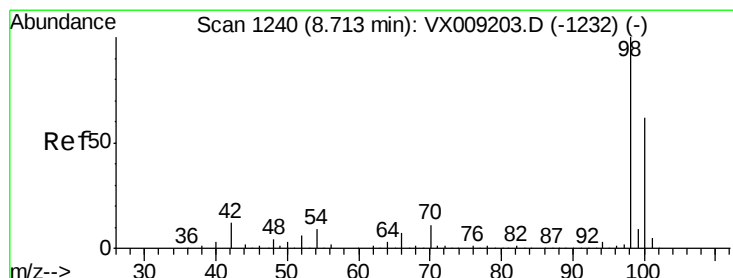
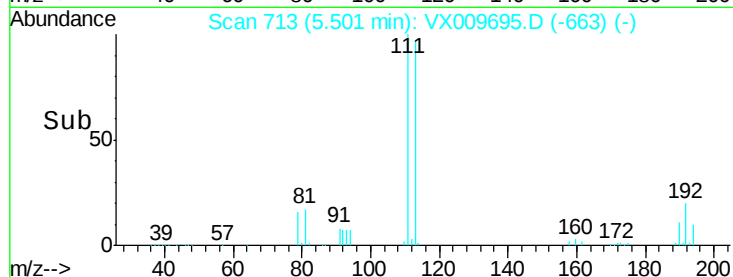
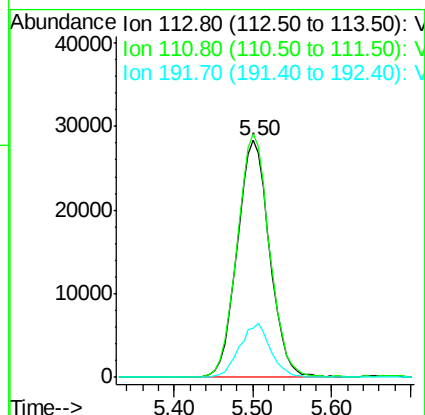
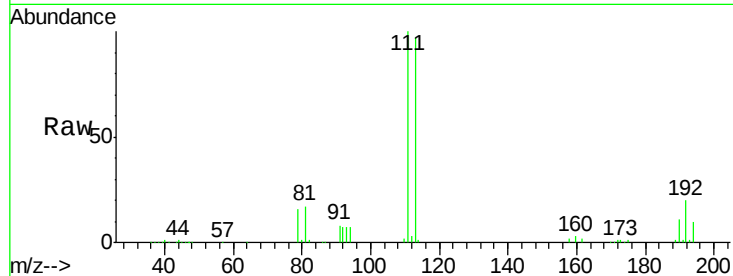




#35
 Dibromofluoromethane
 Concen: 48.962 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. 0.01 min
 Lab File: VX009695.D
 Acq: 18 May 2019 05:29

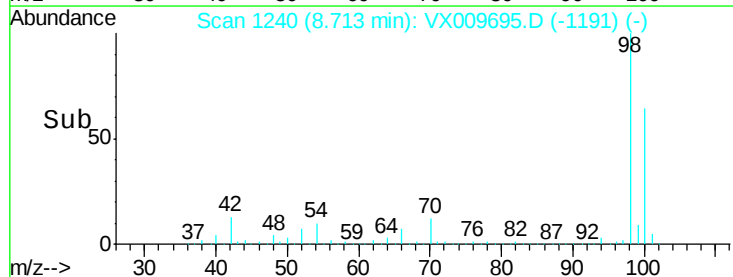
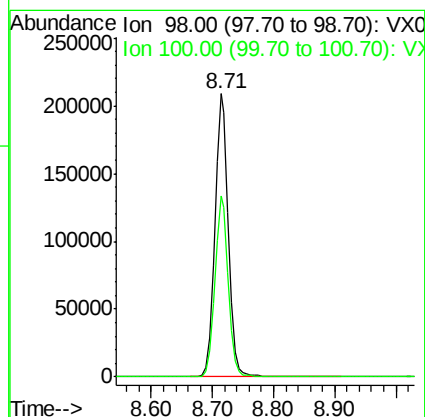
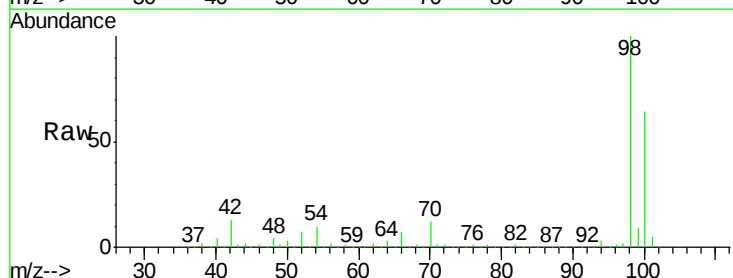
Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-051519

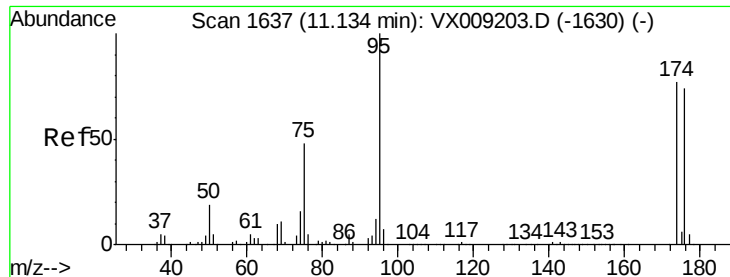
Tot Ion:113 Resp: 80927
 Ion Ratio Lower Upper
 113 100
 111 102.6 82.8 124.2
 192 21.8 17.0 25.6



#50
 Toluene-d8
 Concen: 49.262 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX009695.D
 Acq: 18 May 2019 05:29

Tgt Ion: 98 Resp: 328725
 Ion Ratio Lower Upper
 98 100
 100 64.0 51.2 76.8





#62

4-Bromofluorobenzene

Concen: 42.284 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX009695.D

Acq: 18 May 2019 05:29

Instrument :

MSVOA_X

ClientSampled :

DUP-051519

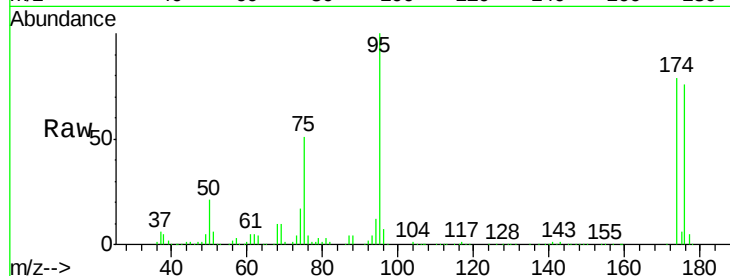
Tot Ion: 95 Resp: 102527

Ion Ratio Lower Upper

95 100

174 82.1 0.0 161.6

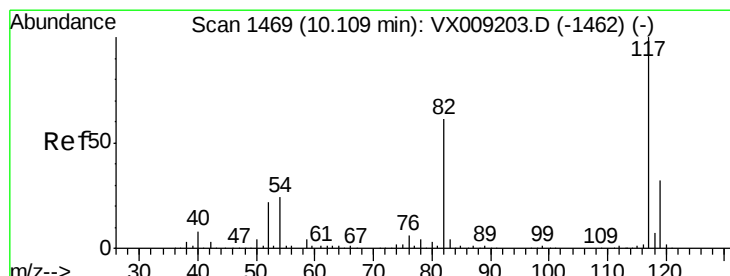
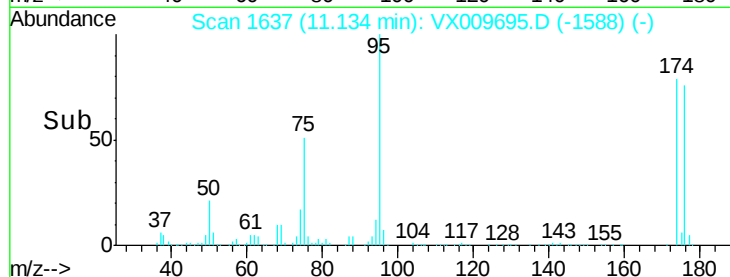
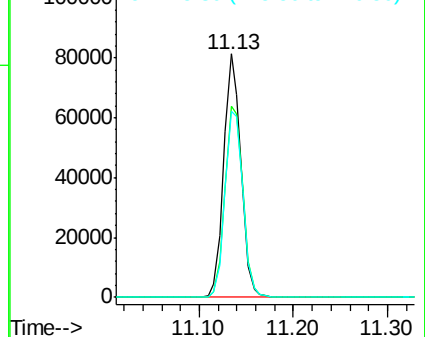
176 80.0 0.0 159.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009695.D

Acq: 18 May 2019 05:29

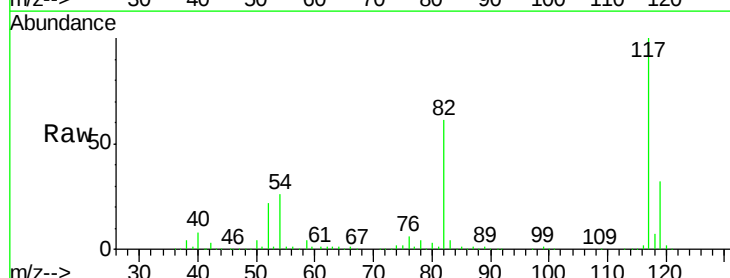
Tgt Ion: 117 Resp: 224410

Ion Ratio Lower Upper

117 100

82 61.0 48.8 73.2

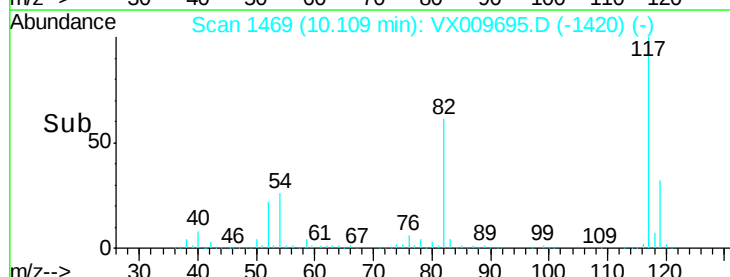
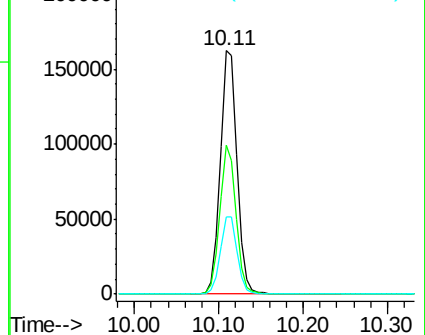
119 31.8 25.8 38.6

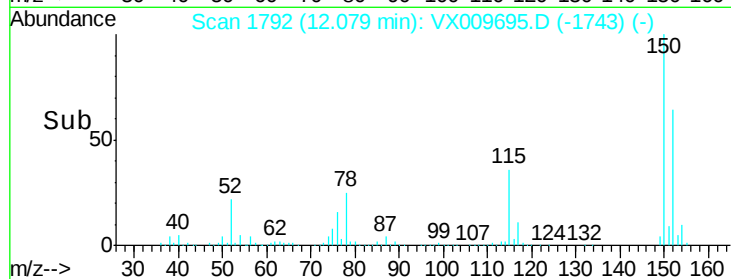
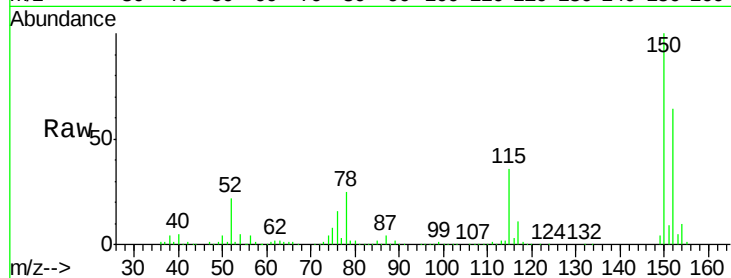
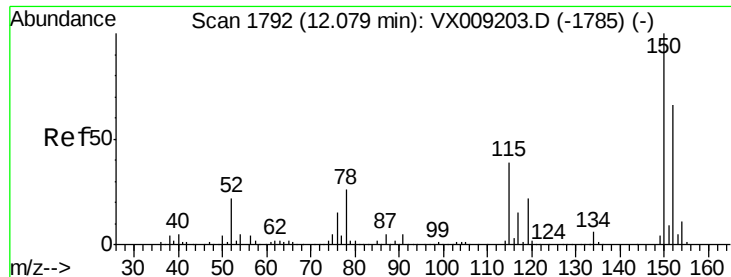


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009695.D

Acq: 18 May 2019 05:29

Instrument :

MSVOA_X

ClientSampleId :

DUP-051519

Tot Ion:152 Resp: 87036

Ion Ratio Lower Upper

152 100

115 58.2 41.2 123.6

150 156.7 0.0 346.4

