

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091019\
 Data File : VX012262.D
 Acq On : 10 Sep 2019 18:19
 Operator : SY/SP
 Sample : K4624-09
 Misc : 4.43g/5.0mL/MSVOA X/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A3-(0)

Quant Time: Sep 11 02:09:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091019S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 12:55:26 2019
 Response via : Initial Calibration

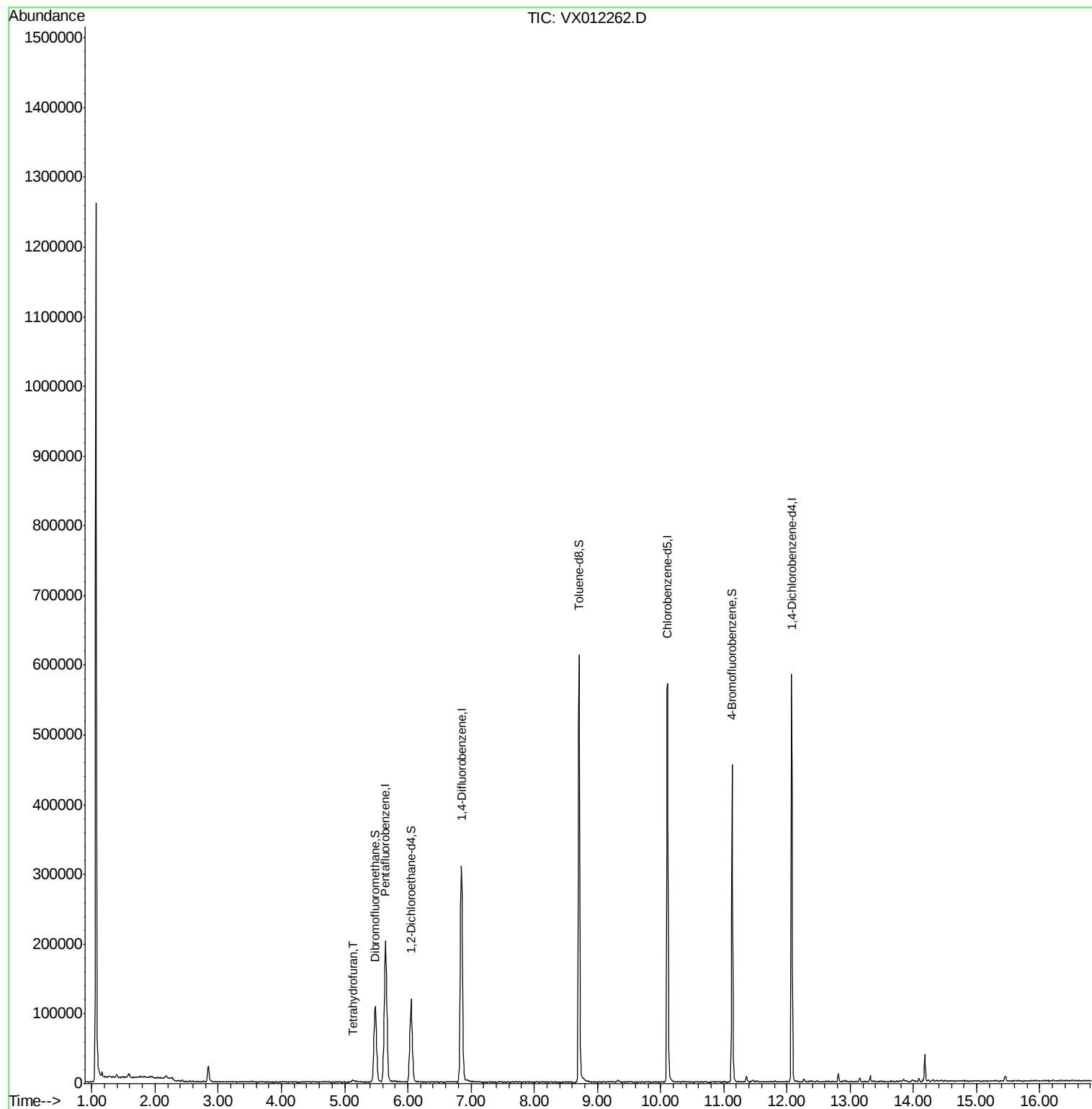
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169626	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296244	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	105577	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	120437	50.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.44%	
35) Dibromofluoromethane	5.48	113	91382	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
50) Toluene-d8	8.71	98	352683	52.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.14	95	133390	43.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.40%	
Target Compounds						
29) Tetrahydrofuran	5.14	42	3377	8.624	ug/l #	Qvalue 64

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012262.D

Acq: 10 Sep 2019 18:19

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MSVOA_X

ClientSampleId :

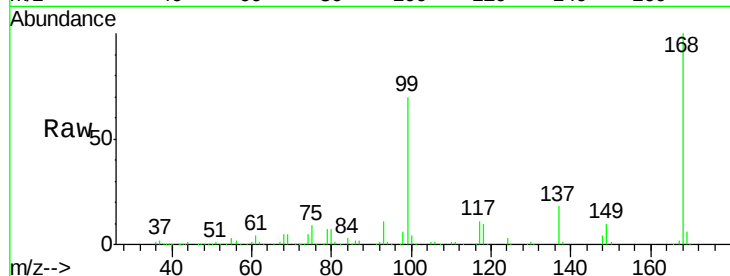
T-11-A3-(0)

Tot Ion:168 Resp: 169626

Ion Ratio Lower Upper

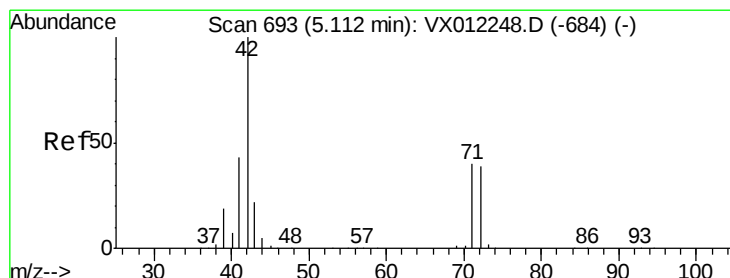
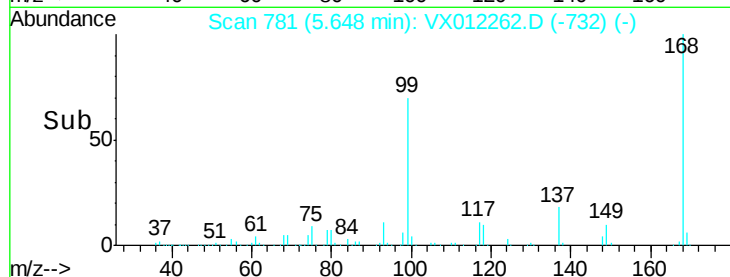
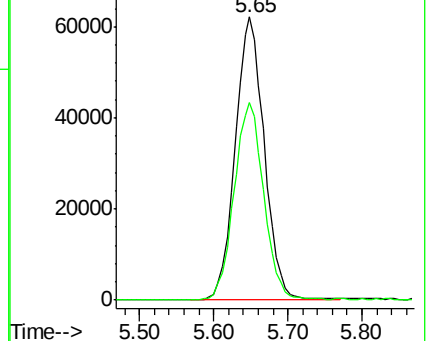
168 100

99 70.0 55.8 83.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#29

Tetrahydrofuran

Concen: 8.624 ug/l

RT: 5.14 min Scan# 697

Delta R.T. 0.02 min

Lab File: VX012262.D

Acq: 10 Sep 2019 18:19

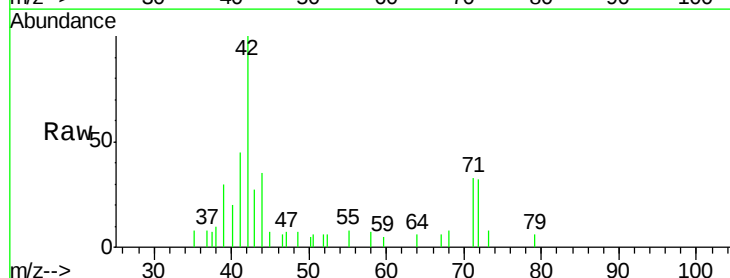
Tgt Ion: 42 Resp: 3377

Ion Ratio Lower Upper

42 100

72 0.0 35.2 52.8#

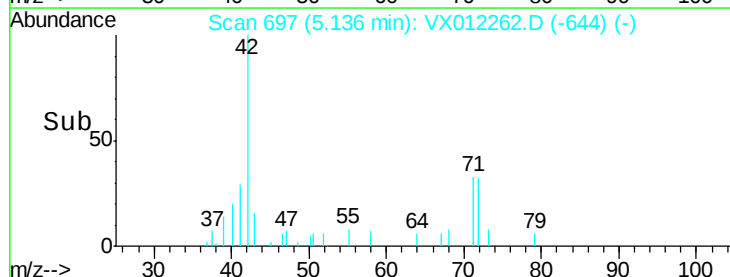
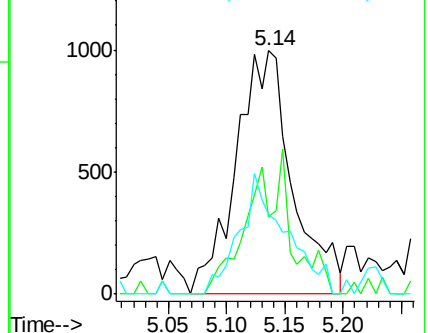
71 40.3 32.5 48.7

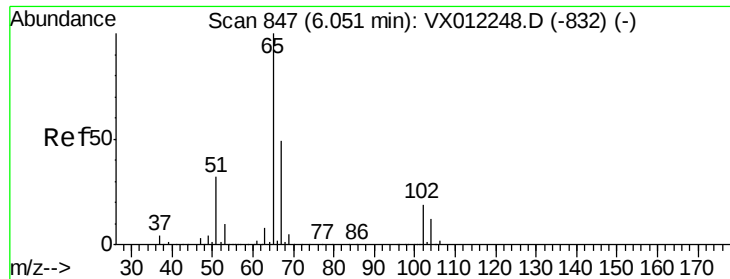


Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0

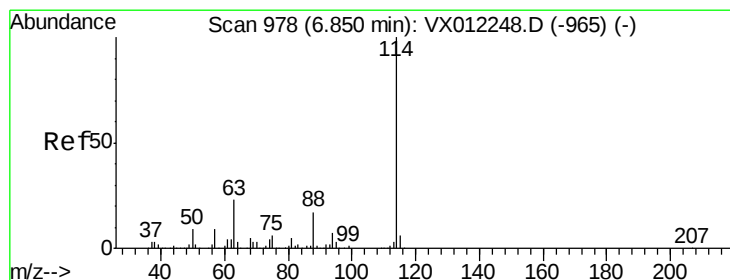
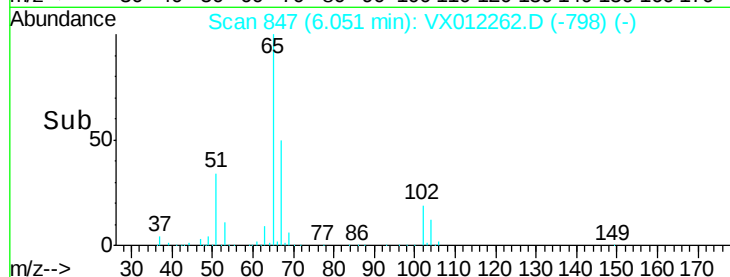
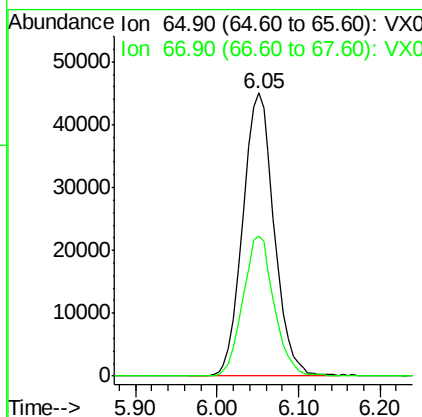
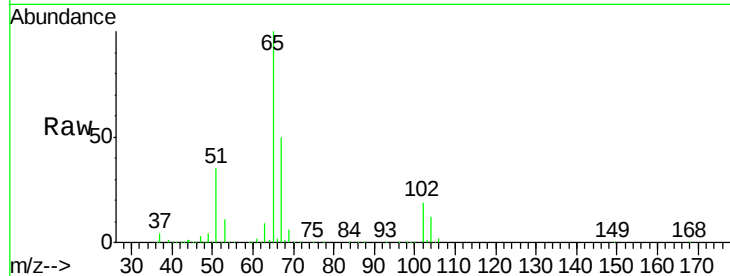




#33
 1,2-Dichloroethane-d4
 Concen: 50.220 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX012262.D
 Acq: 10 Sep 2019 18:19

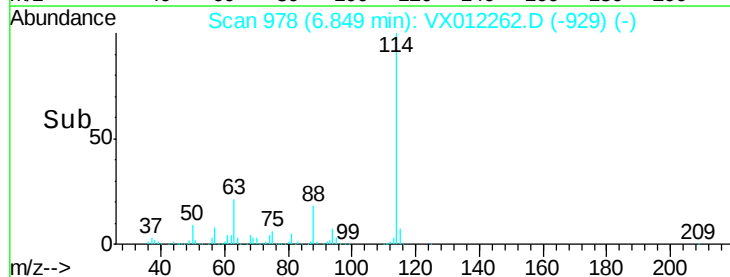
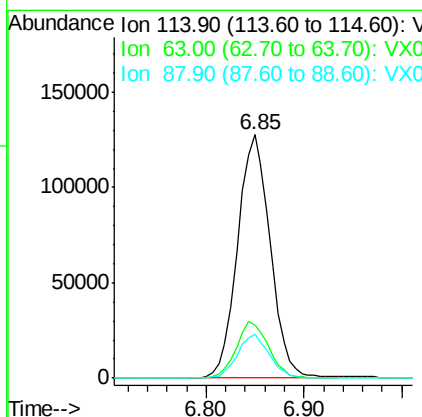
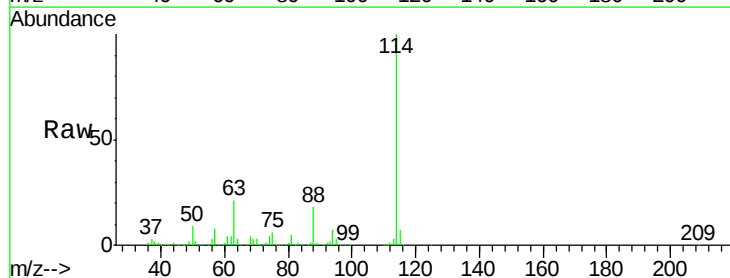
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 ClientSampleId :
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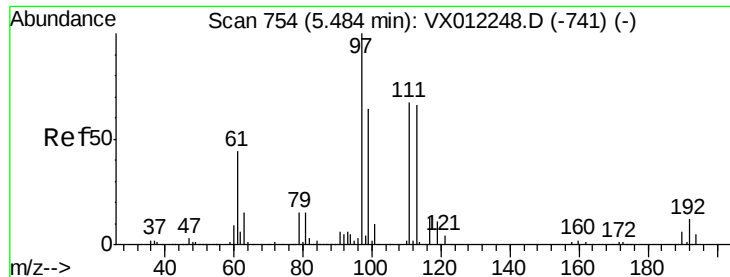
Tot Ion: 65 Resp: 120437
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012262.D
 Acq: 10 Sep 2019 18:19

Tgt Ion: 114 Resp: 296244
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 45.2
 88 18.1 0.0 34.8

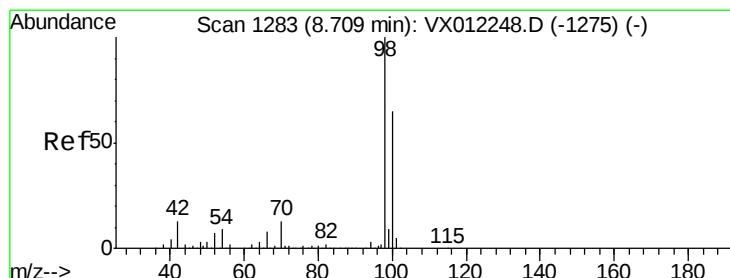
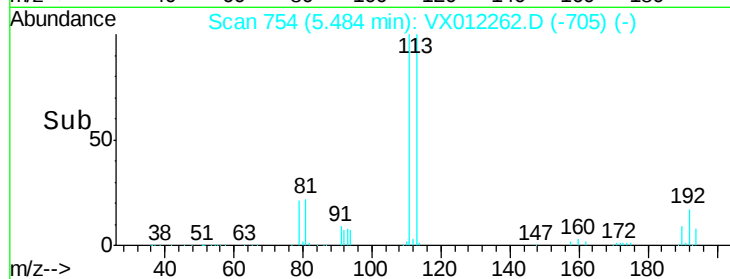
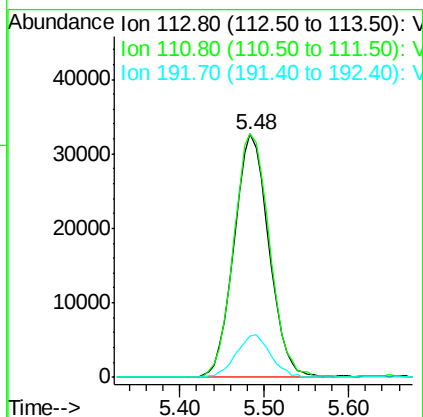
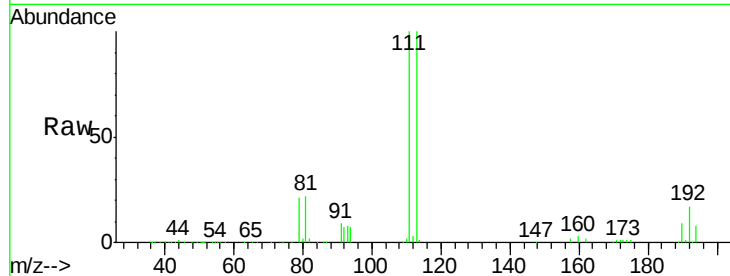




#35
 Dibromofluoromethane
 Concen: 48.120 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.00 min
 Lab File: VX012262.D
 Acq: 10 Sep 2019 18:19

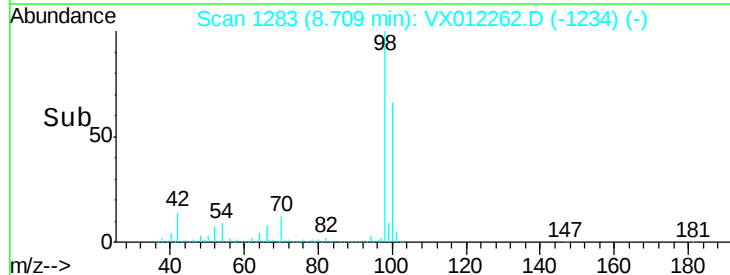
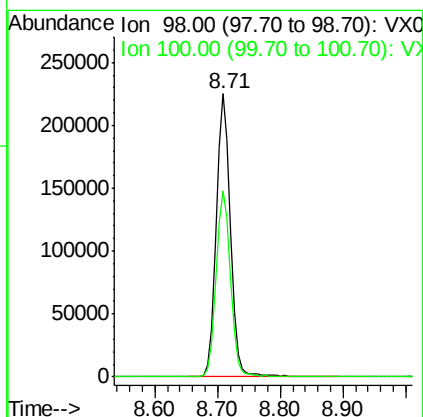
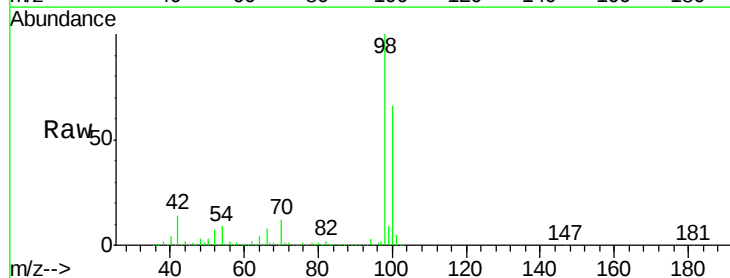
Instrument :
 MSVOA_X
 ClientSampleId :
 T-11-A3-(0)

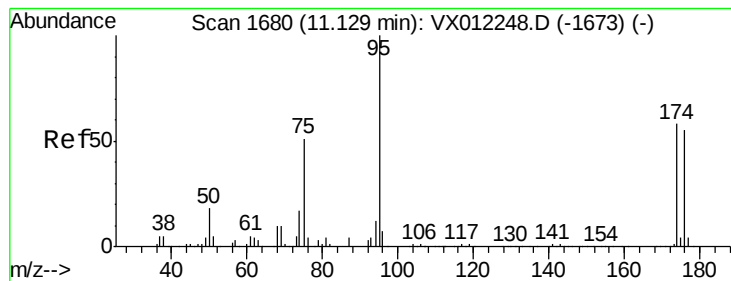
Tot Ion:113 Resp: 91382
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.0 124.6
 192 17.3 14.3 21.5



#50
 Toluene-d8
 Concen: 52.950 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012262.D
 Acq: 10 Sep 2019 18:19

Tgt Ion: 98 Resp: 352683
 Ion Ratio Lower Upper
 98 100
 100 66.5 54.1 81.1





#62

4-Bromofluorobenzene

Concen: 43.198 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX012262.D

Acq: 10 Sep 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

T-11-A3-(0)

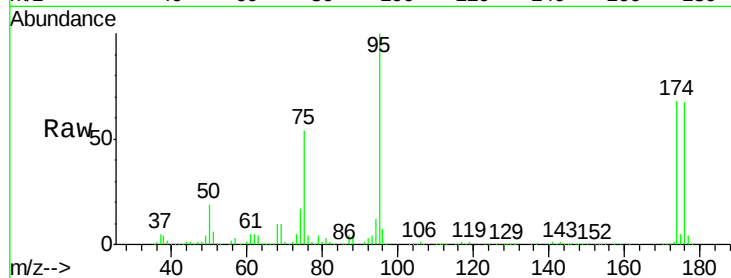
Tot Ion: 95 Resp: 133390

Ion Ratio Lower Upper

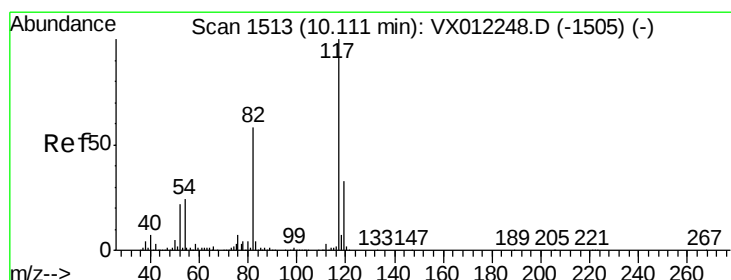
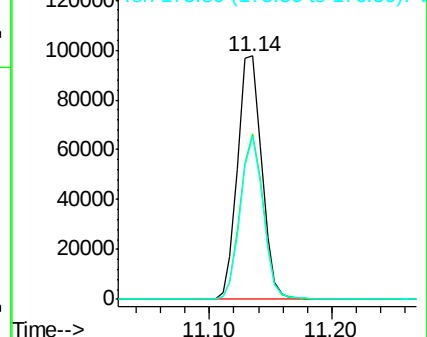
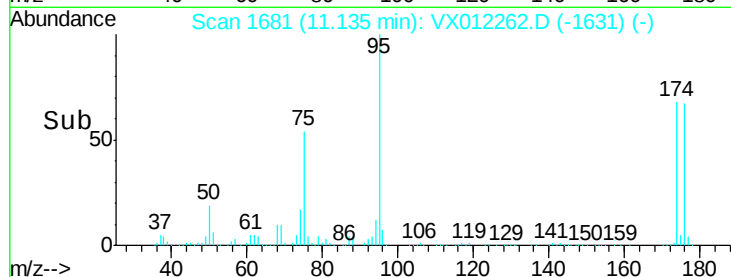
95 100

174 64.8 0.0 127.0

176 62.9 0.0 125.8



Abundance Ion 94.90 (94.60 to 95.60): VX012262.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX012262.D

Acq: 10 Sep 2019 18:19

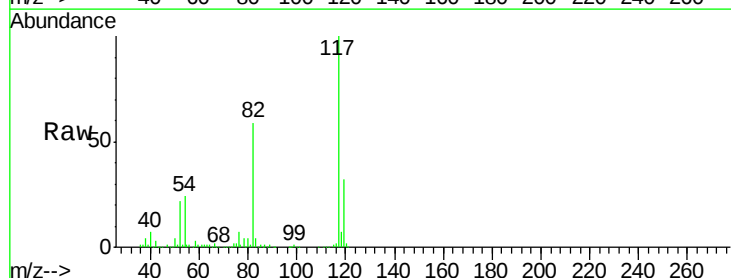
Tgt Ion: 117 Resp: 257212

Ion Ratio Lower Upper

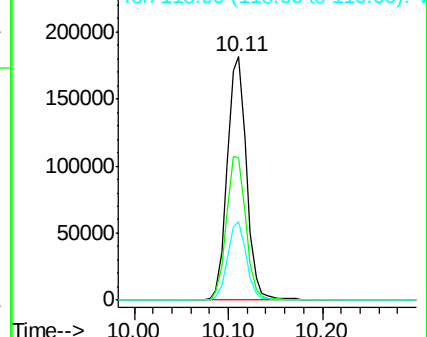
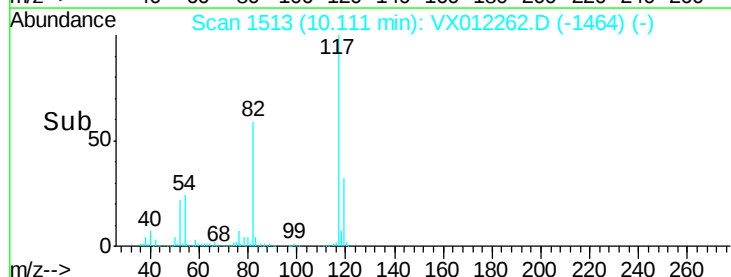
117 100

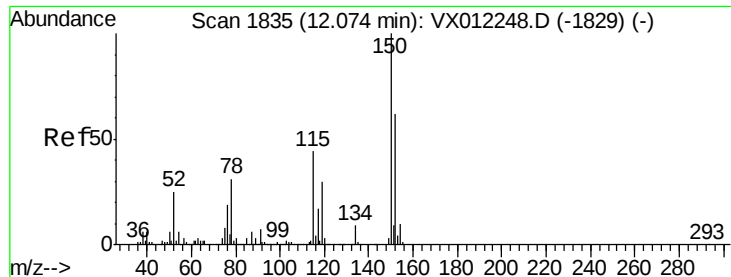
82 58.6 46.4 69.6

119 32.3 26.6 39.8



Abundance Ion 116.90 (116.60 to 117.60): VX012262.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012262.D

Acq: 10 Sep 2019 18:19

Instrument :

MSVOA_X

ClientSampleId :

T-11-A3-(0)

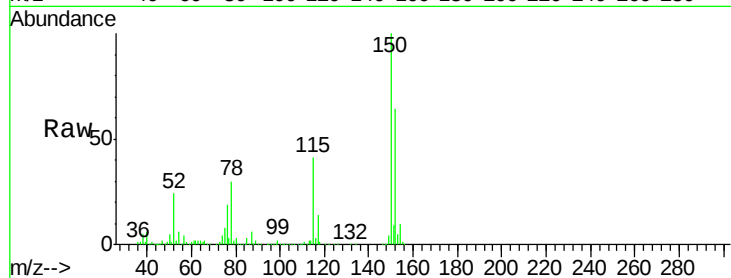
Tot Ion:152 Resp: 105577

Ion Ratio Lower Upper

152 100

115 66.0 45.5 136.4

150 157.4 0.0 346.4



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

