

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137883.D
 Acq On : 10 Dec 2019 04:37
 Operator : JC/SP
 Sample : K6186-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 06:26:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 26 15:53:00 2019
 Response via : Initial Calibration

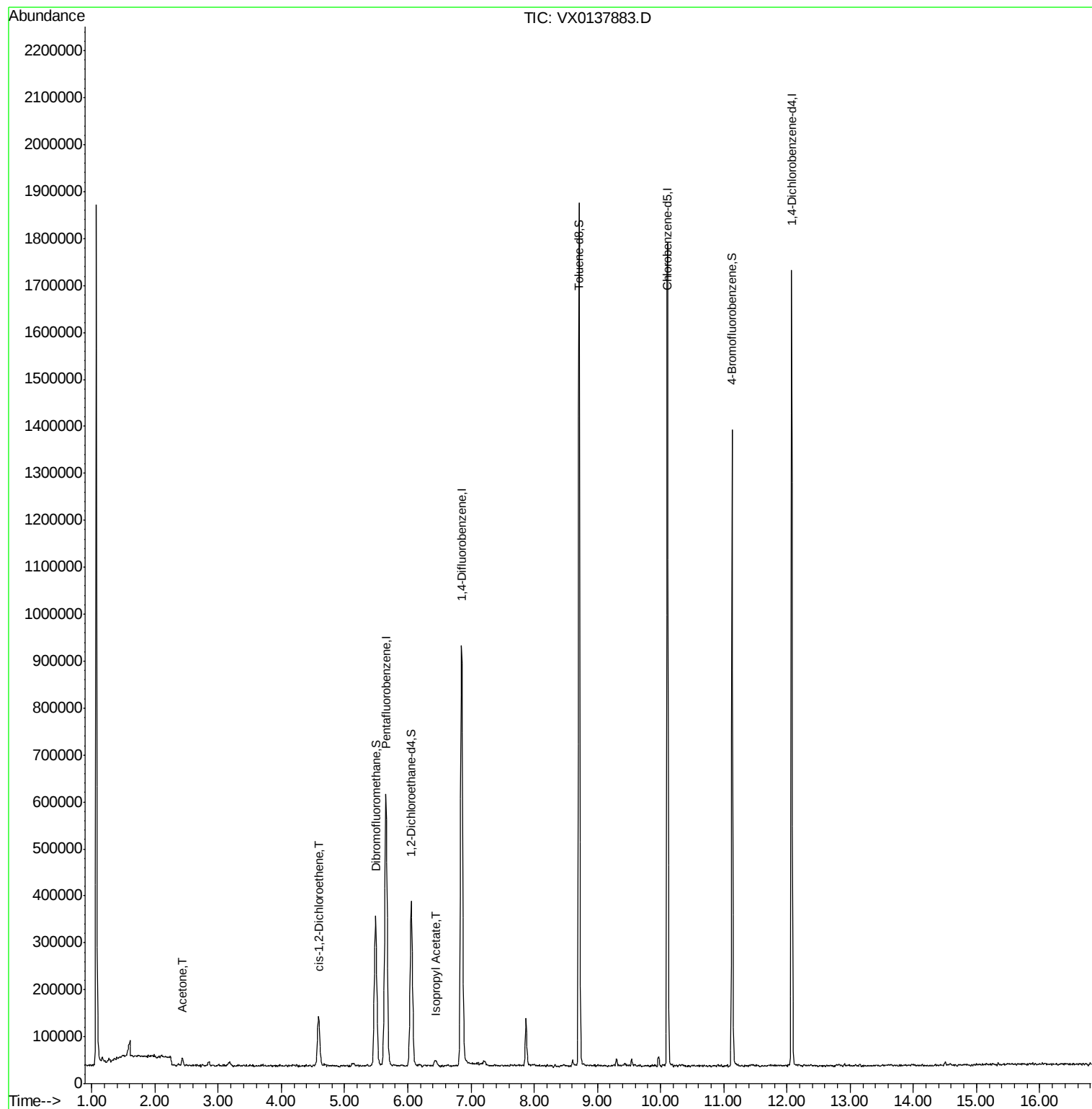
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	592913	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	914573	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	810343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	336465	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
35) Dibromofluoromethane	5.49	113	272831	48.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.50%	
50) Toluene-d8	8.71	98	1083195	49.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.34%	
62) 4-Bromofluorobenzene	11.14	95	361854	45.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.10%	
Target Compounds						
16) Acetone	2.43	43	18627	5.482	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	67137	9.511	ug/l	90
43) Isopropyl Acetate	6.45	43	15996	1.043	ug/l #	92

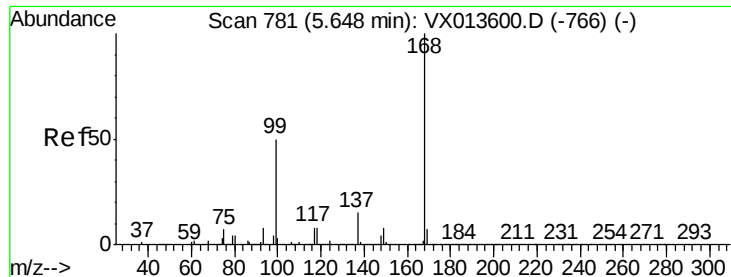
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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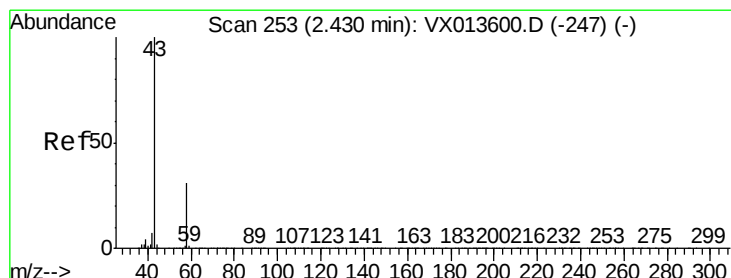
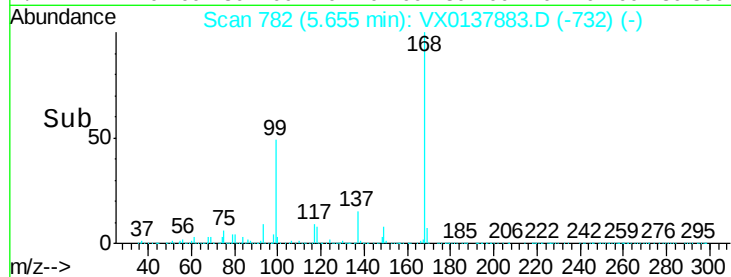
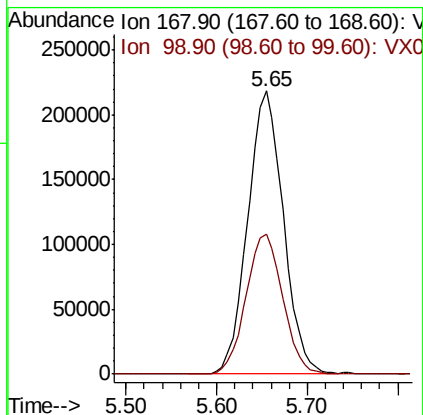
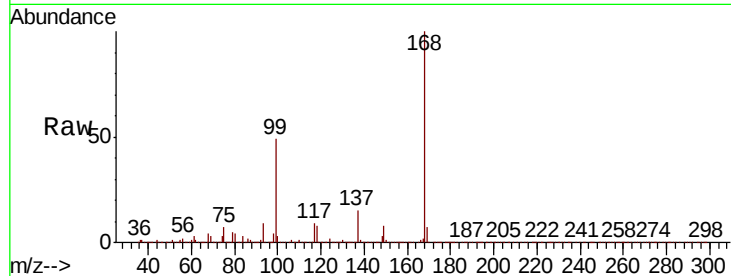


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX0137883.D
 Acq: 10 Dec 2019 04:37

Instrument :
 MSVOA_X
 ClientSampleId :

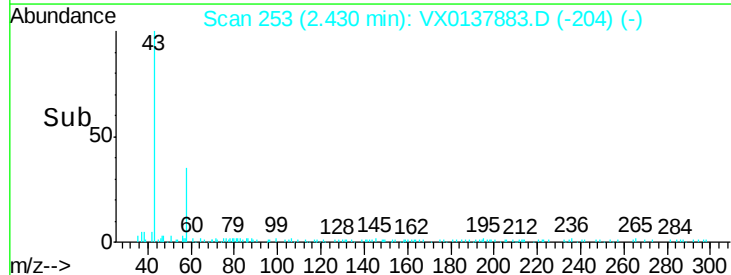
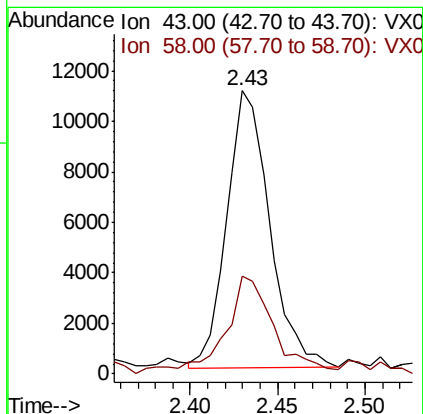
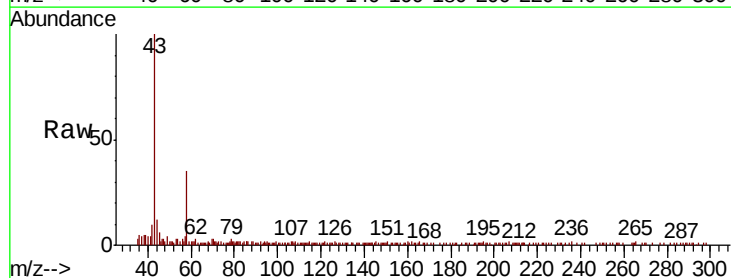
Tot Ion:168 Resp: 592913
 Ion Ratio Lower Upper
 168 100
 99 49.3 39.8 59.8

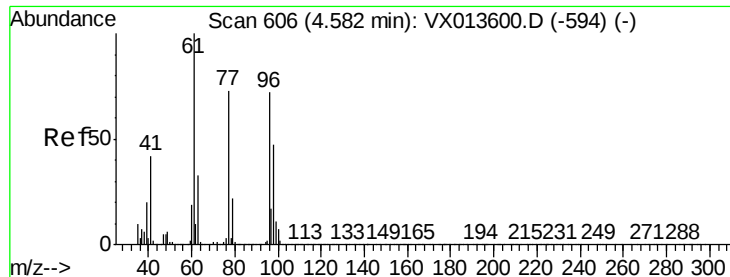


#16

Acetone
 Concen: 5.482 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. 0.00 min
 Lab File: VX0137883.D
 Acq: 10 Dec 2019 04:37

Tgt Ion: 43 Resp: 18627
 Ion Ratio Lower Upper
 43 100
 58 33.9 24.6 36.8



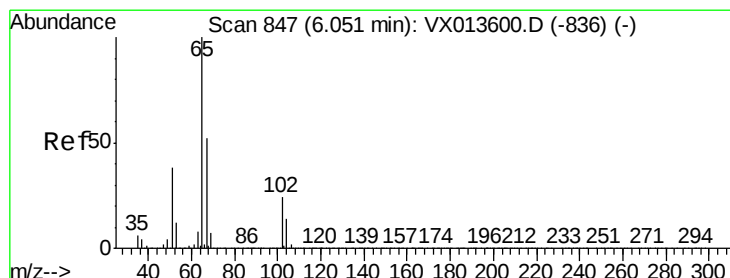
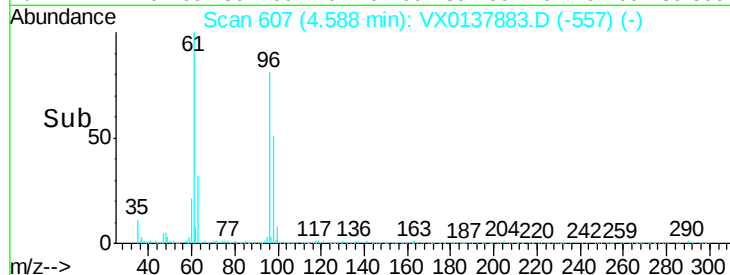
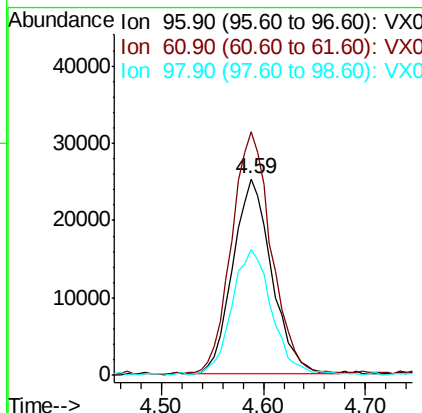
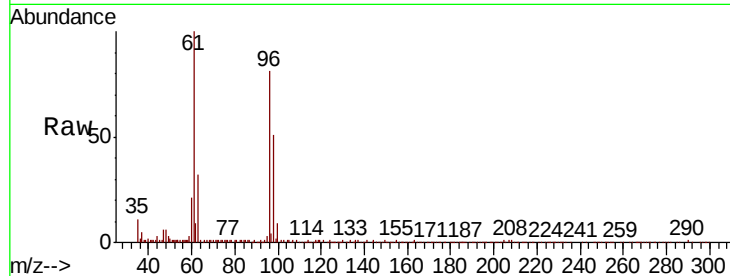


#27

cis-1,2-Dichloroethene
Concen: 9.511 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX0137883.D
Acq: 10 Dec 2019 04:37

Instrument :
MSVOA_X
ClientSampleId :

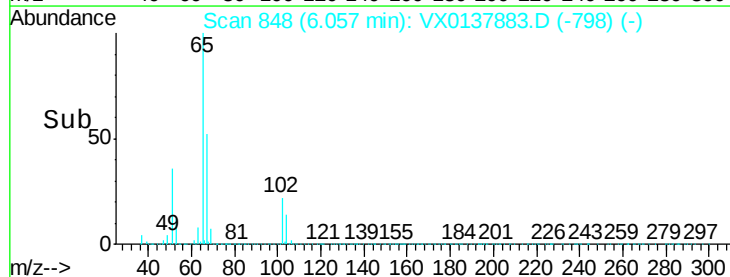
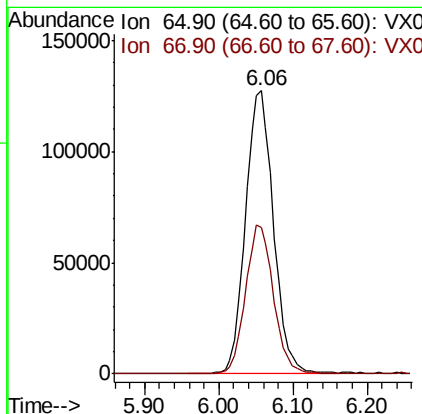
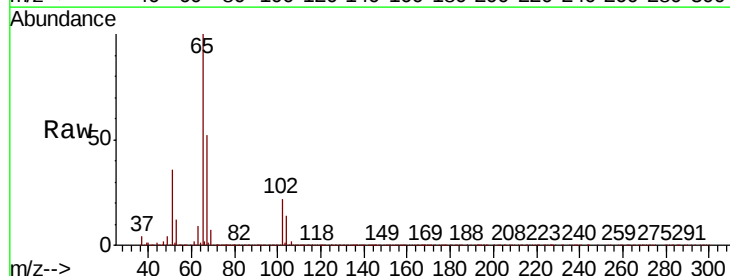
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.3	0.0	286.4
98	64.8	0.0	127.4

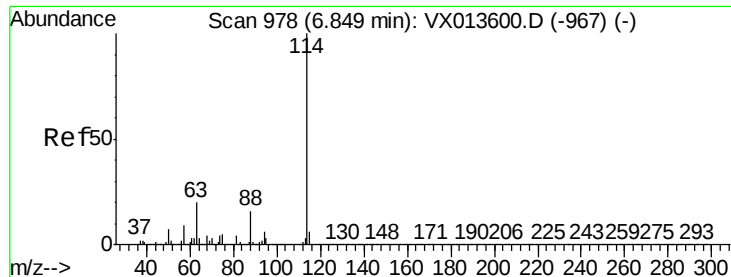


#33

1,2-Dichloroethane-d4
Concen: 48.888 ug/l
RT: 6.06 min Scan# 848
Delta R.T. 0.01 min
Lab File: VX0137883.D
Acq: 10 Dec 2019 04:37

Tgt Ion	Ratio	Lower	Upper
65	100		
67	51.7	0.0	104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampled :

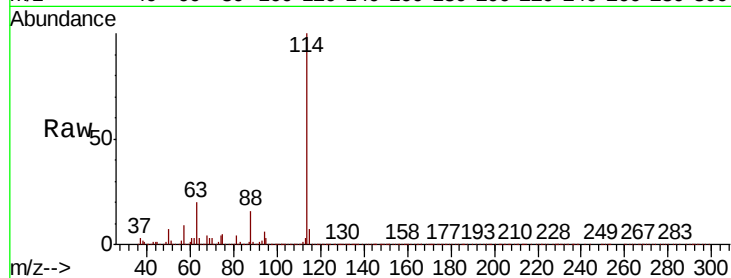
Tot Ion:114 Resp: 914573

Ion Ratio Lower Upper

114 100

63 20.2 0.0 39.6

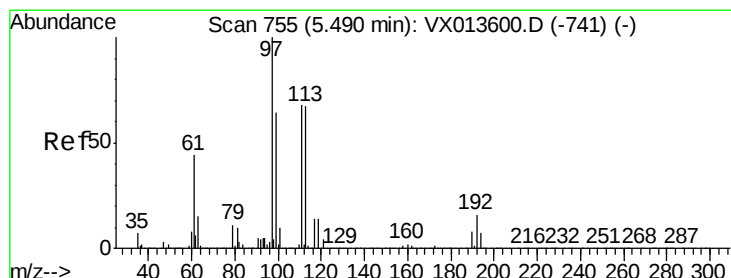
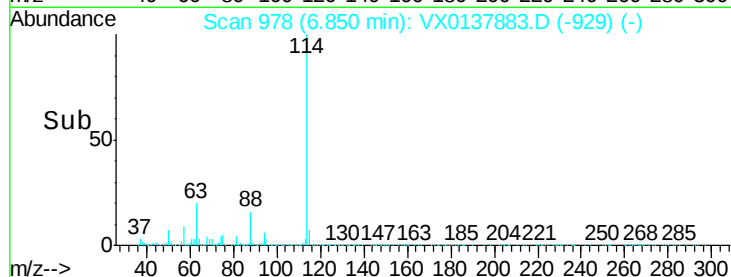
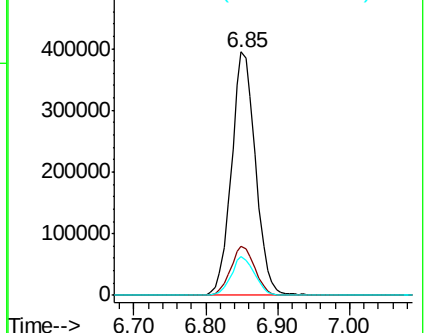
88 15.8 0.0 31.4



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: 48.255 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

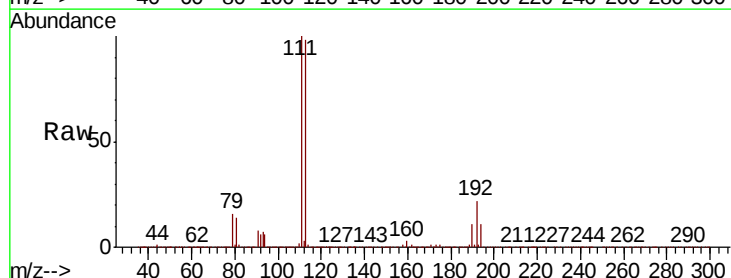
Tgt Ion:113 Resp: 272831

Ion Ratio Lower Upper

113 100

111 102.8 83.6 125.4

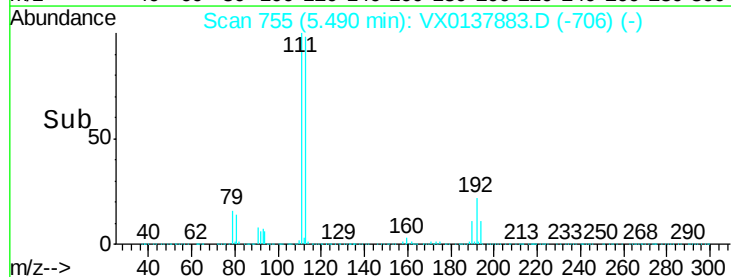
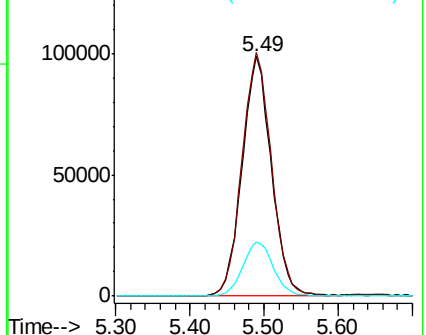
192 23.6 19.2 28.8

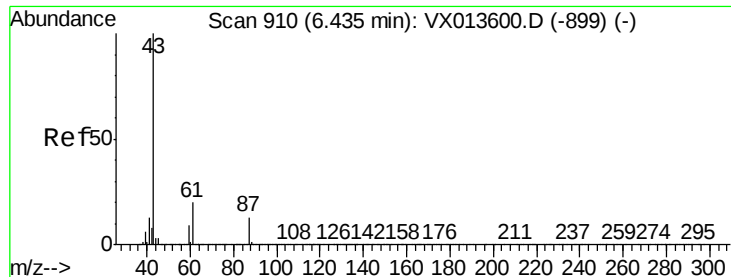


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.043 ug/l

RT: 6.45 min Scan# 912

Delta R.T. 0.01 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

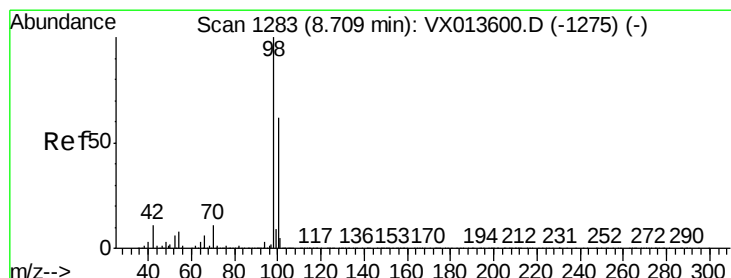
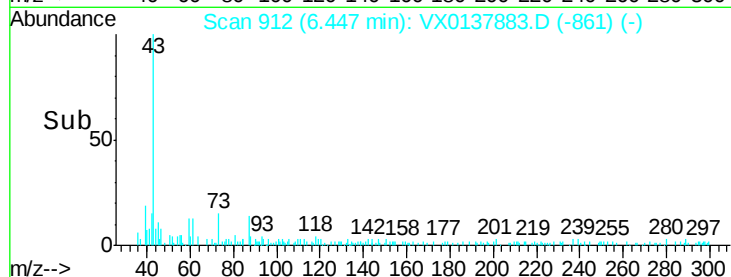
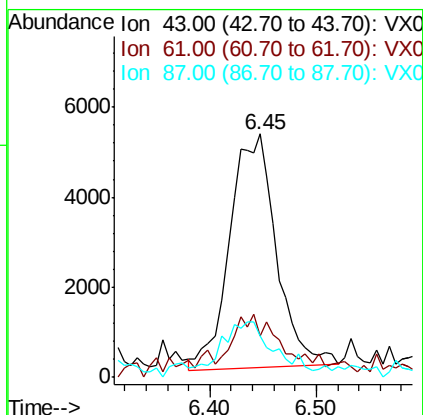
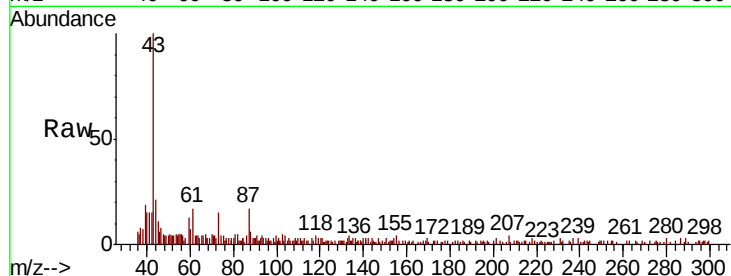
Tot Ion: 43 Resp: 15996

Ion Ratio Lower Upper

43 100

61 21.6 16.3 24.5

87 20.5 10.8 16.2#



#50

Toluene-d8

Concen: 49.172 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX0137883.D

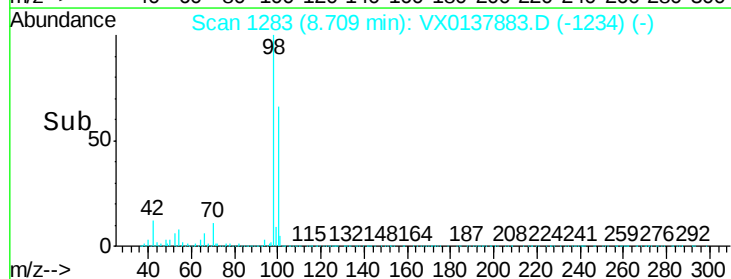
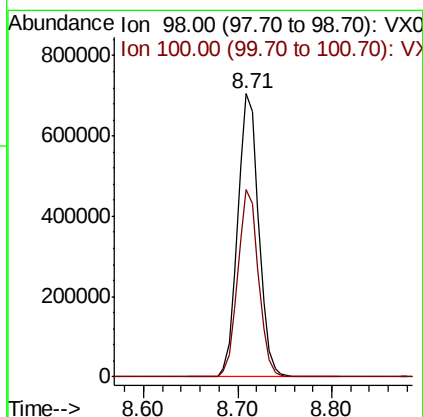
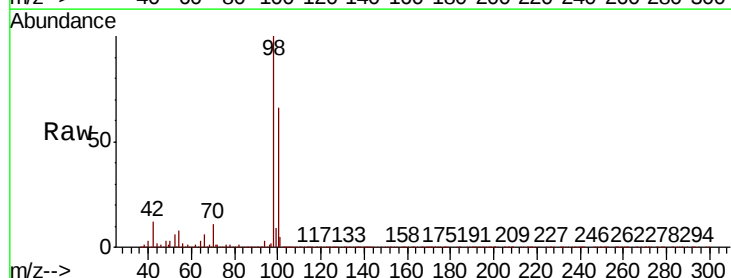
Acq: 10 Dec 2019 04:37

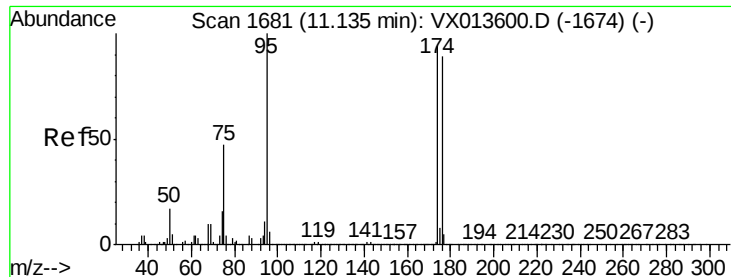
Tgt Ion: 98 Resp: 1083195

Ion Ratio Lower Upper

98 100

100 65.4 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 45.553 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

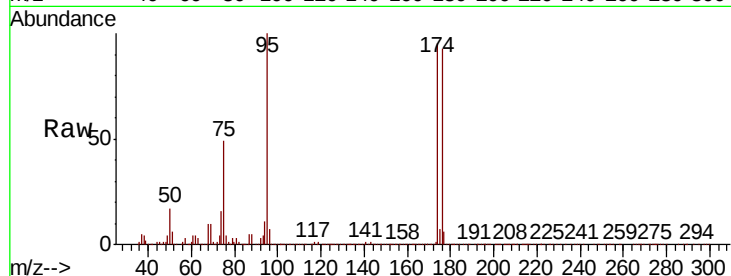
Tot Ion: 95 Resp: 361854

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.0

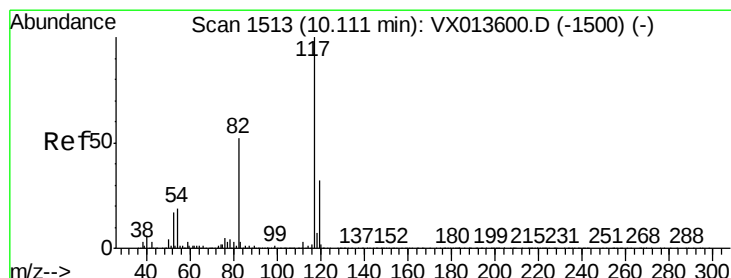
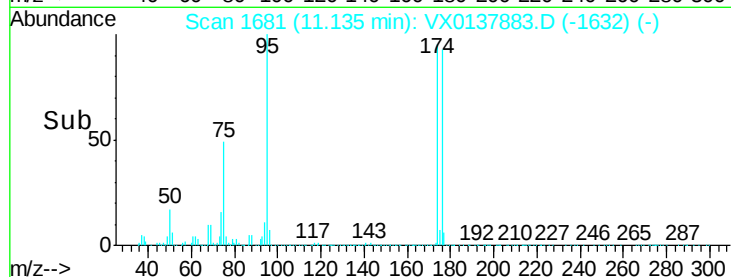
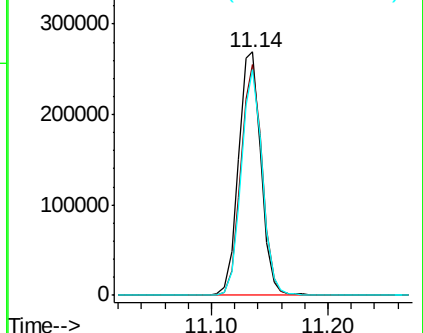
176 87.5 0.0 173.6



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# 1513

Delta R.T. 0.00 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

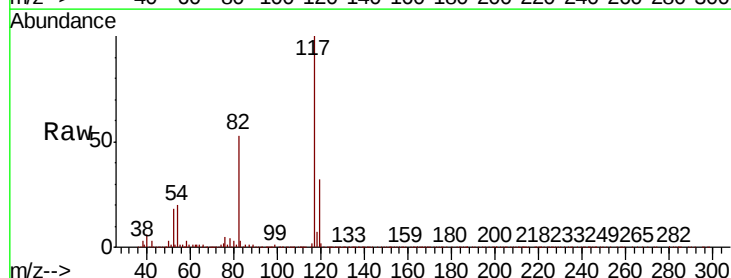
Tgt Ion: 117 Resp: 810343

Ion Ratio Lower Upper

117 100

82 52.5 41.8 62.8

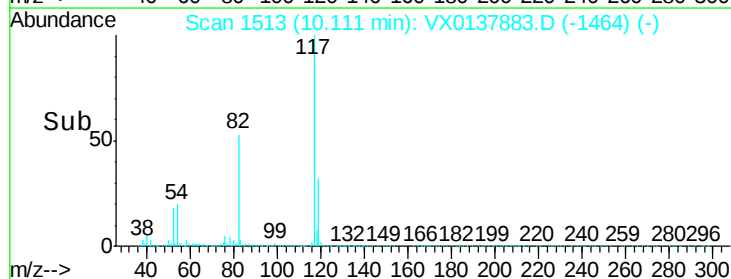
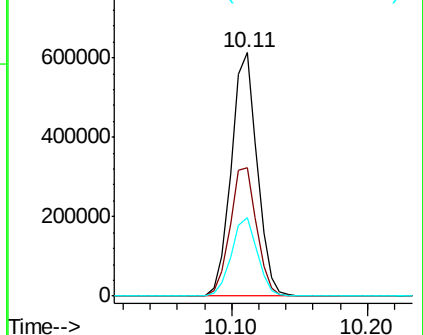
119 32.2 25.8 38.8

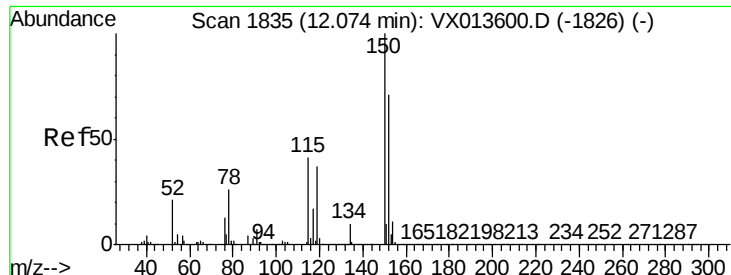


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX0137883.D

Acq: 10 Dec 2019 04:37

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion:152 Resp: 361520

Ion Ratio Lower Upper

152 100

115 55.3 38.4 115.1

150 158.7 0.0 346.8

