

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX0137861.D
 Acq On : 09 Dec 2019 19:17
 Operator : JC/SP
 Sample : K6185-07DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 04:43:12 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

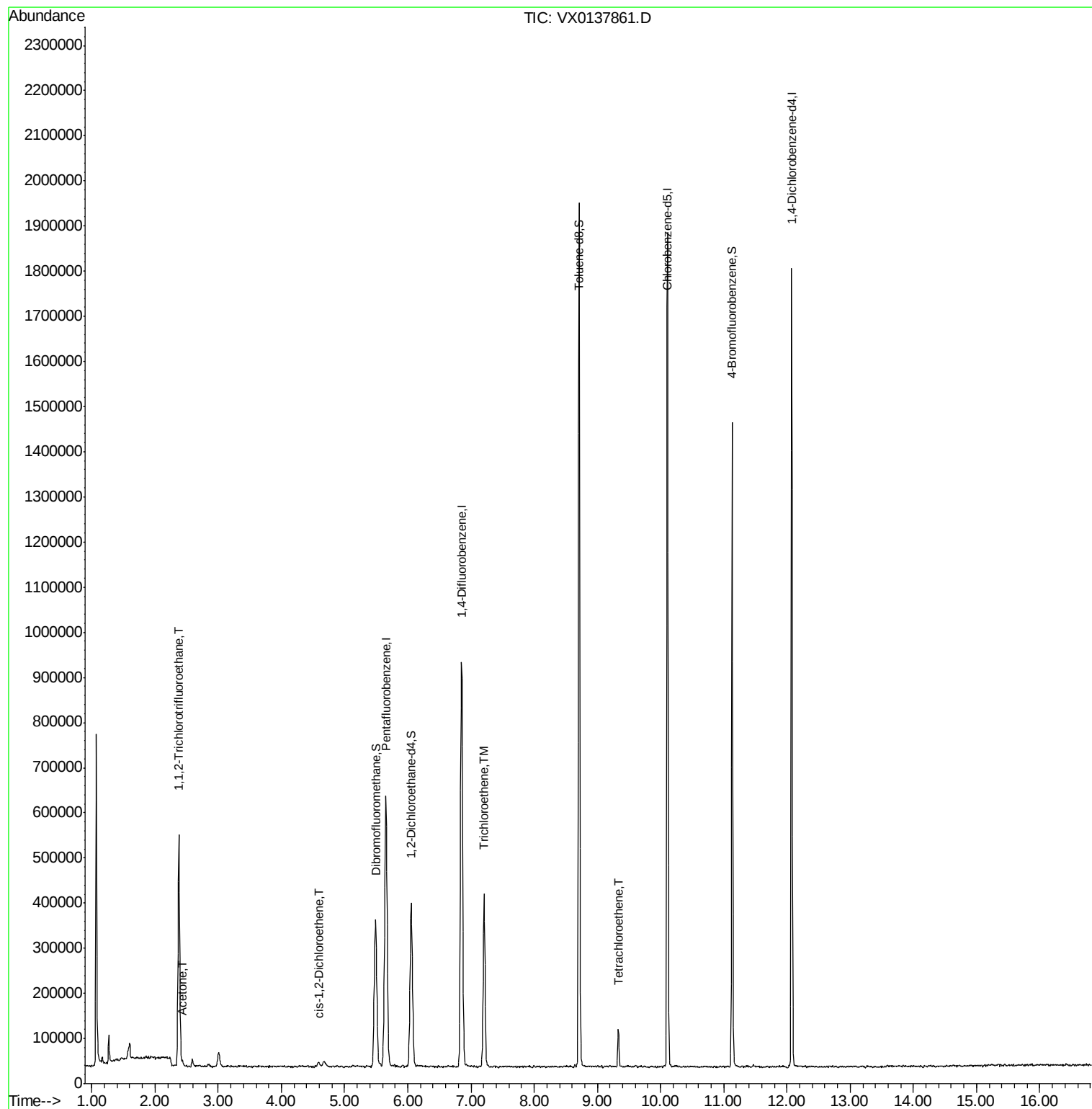
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	619494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	941610	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	847254	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	365792	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	343600	47.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	5.49	113	282756	48.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.14%	
50) Toluene-d8	8.71	98	1108800	48.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.78%	
62) 4-Bromofluorobenzene	11.14	95	368195	45.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.04%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	210907	35.708	ug/l	99
16) Acetone	2.43	43	10272	2.893	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	6156	0.835	ug/l	96
44) Trichloroethene	7.21	130	153479	21.482	ug/l	97
64) Tetrachloroethene	9.33	164	17023	2.694	ug/l	97

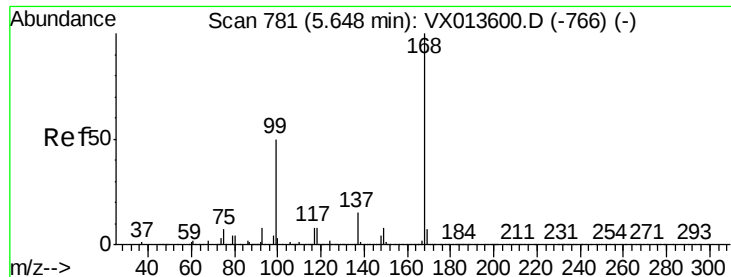
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 26 15:53:00 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

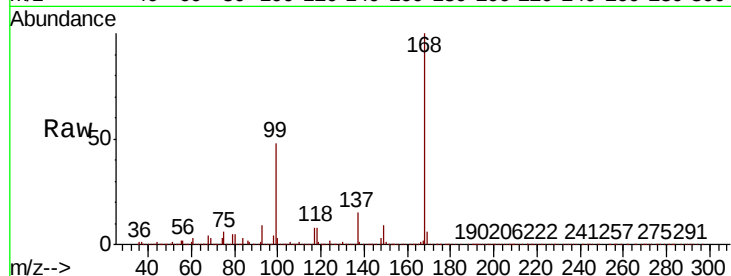
ClientSampleId :

Tot Ion:168 Resp: 619494

Ion Ratio Lower Upper

168 100

99 48.3 39.8 59.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

250000

200000

150000

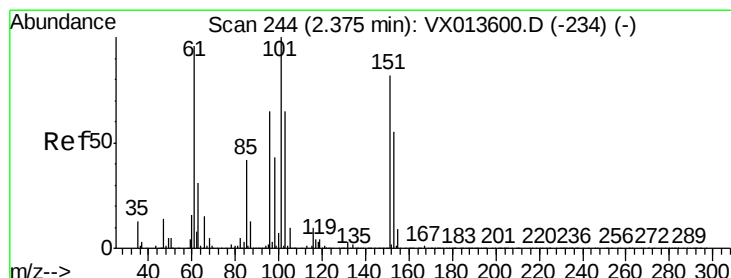
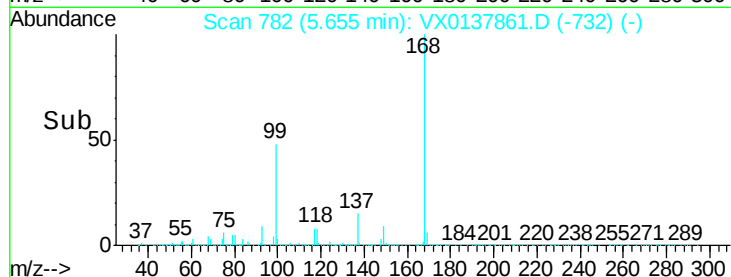
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#9

1,1,2-Trichlorotrifluoroethane

Concen: 35.708 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

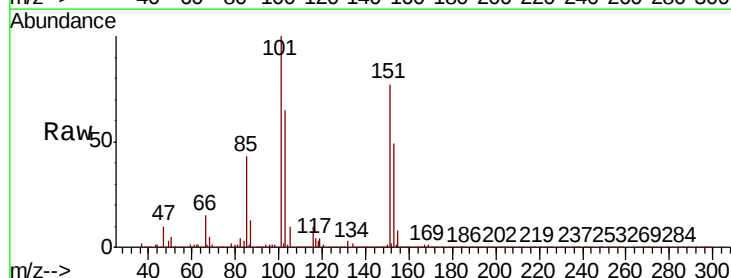
Tgt Ion:101 Resp: 210907

Ion Ratio Lower Upper

101 100

85 42.1 33.9 50.9

151 81.9 64.2 96.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V

2.37

150000

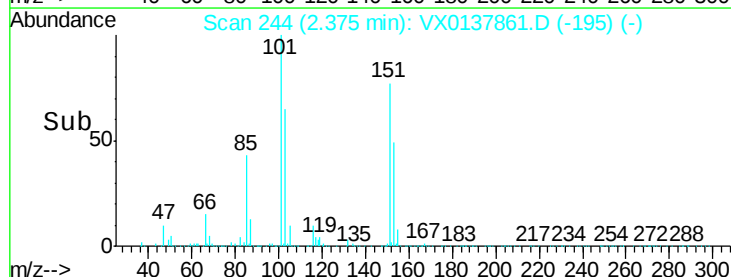
100000

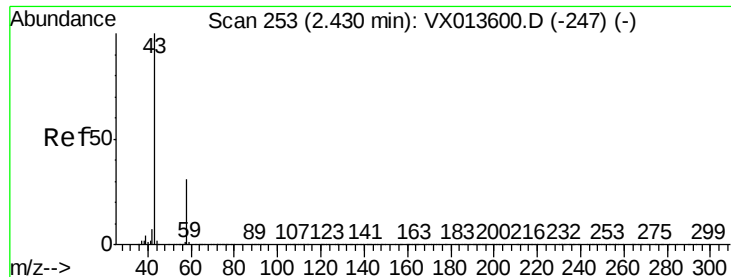
50000

0

Time-->

2.30 2.40 2.50





#16

Acetone

Concen: 2.893 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

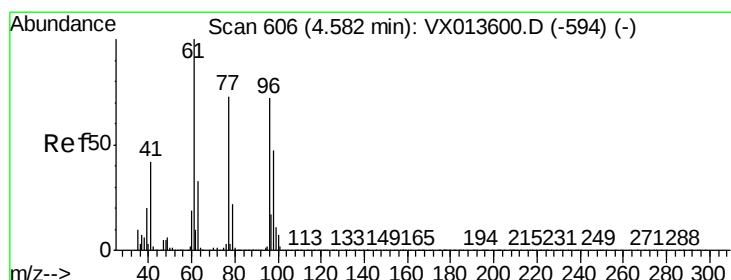
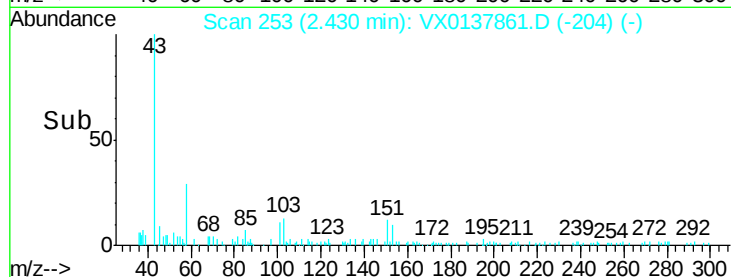
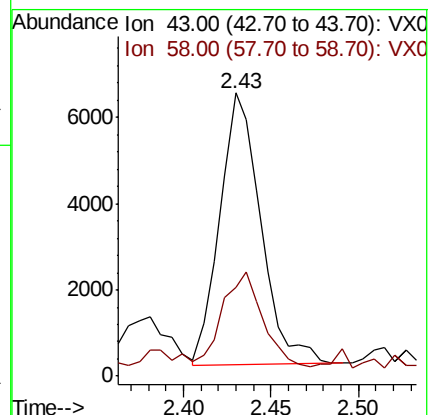
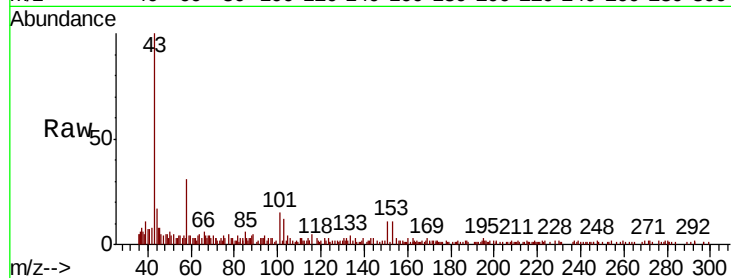
ClientSampleId :

Tot Ion: 43 Resp: 10272

Ion Ratio Lower Upper

43 100

58 27.6 24.6 36.8



#27

cis-1,2-Dichloroethene

Concen: 0.835 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

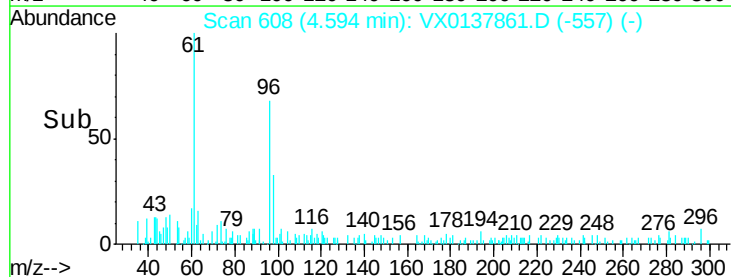
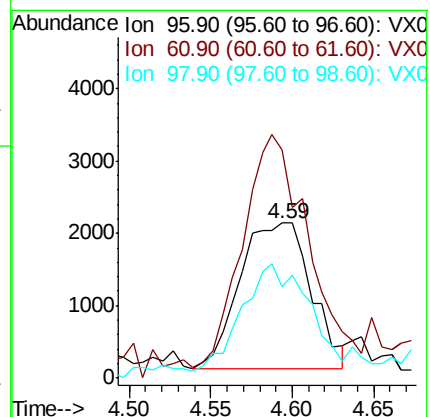
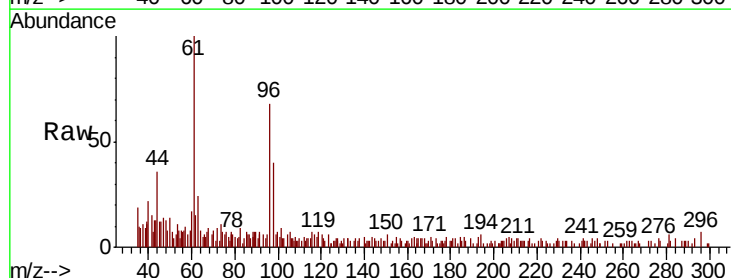
Tgt Ion: 96 Resp: 6156

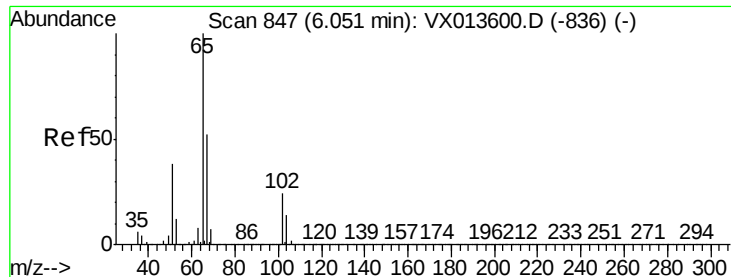
Ion Ratio Lower Upper

96 100

61 144.5 0.0 286.4

98 72.4 0.0 127.4





#33

1,2-Dichloroethane-d4

Concen: 47.782 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

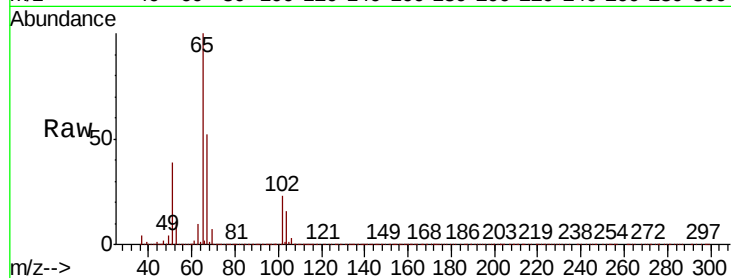
ClientSampled :

Tot Ion: 65 Resp: 343600

Ion Ratio Lower Upper

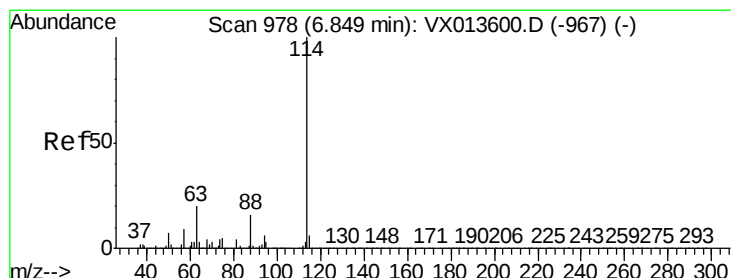
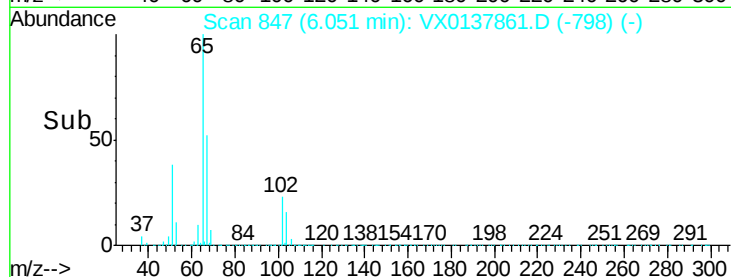
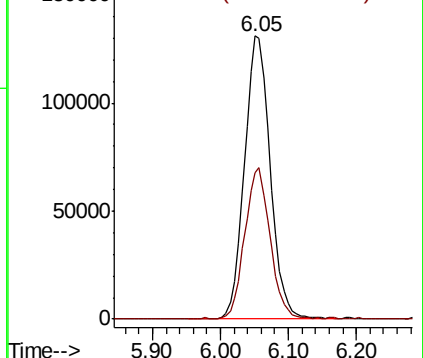
65 100

67 52.6 0.0 104.4



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# 978

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

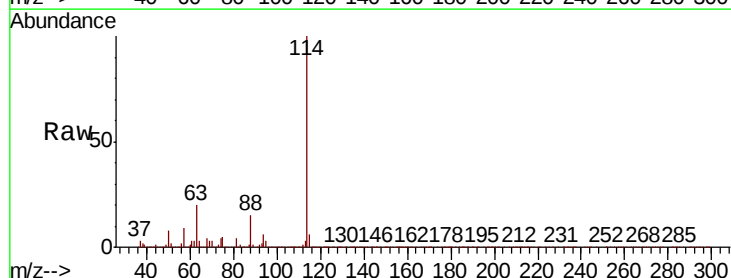
Tgt Ion: 114 Resp: 941610

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

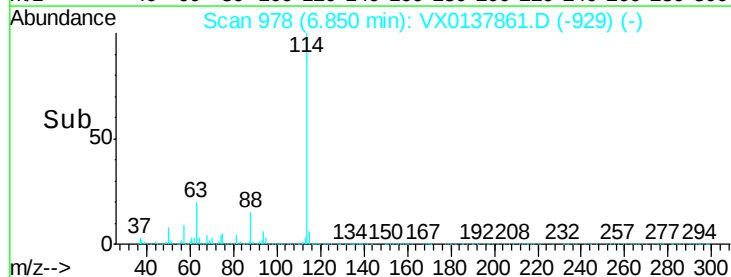
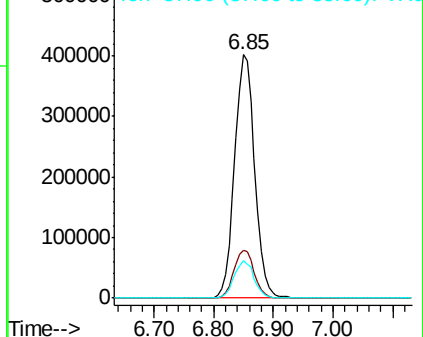
88 15.2 0.0 31.4

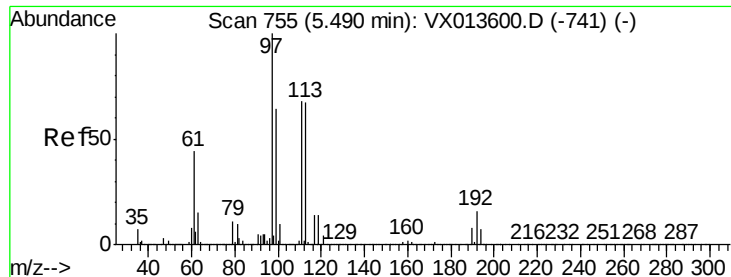


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.574 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

ClientSampleId :

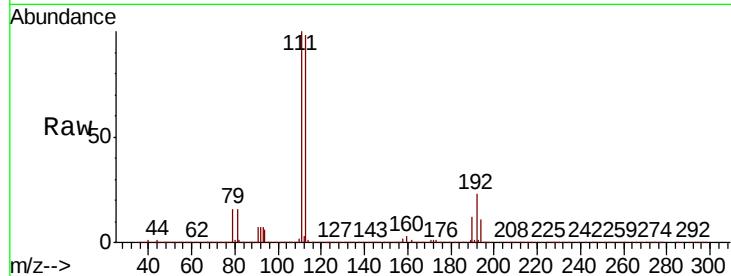
Tot Ion:113 Resp: 282756

Ion Ratio Lower Upper

113 100

111 102.2 83.6 125.4

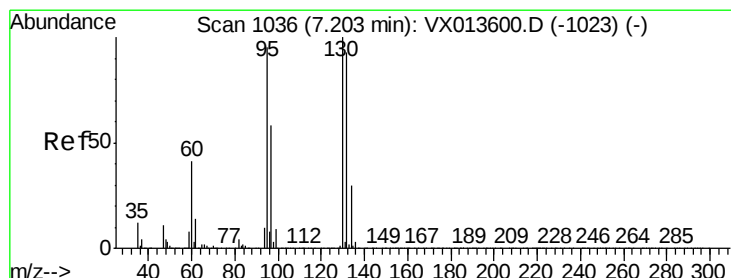
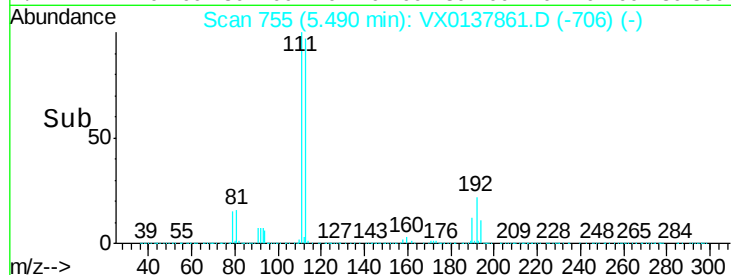
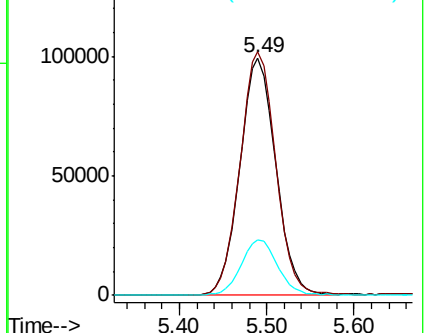
192 24.1 19.2 28.8



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



#44

Trichloroethene

Concen: 21.482 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX0137861.D

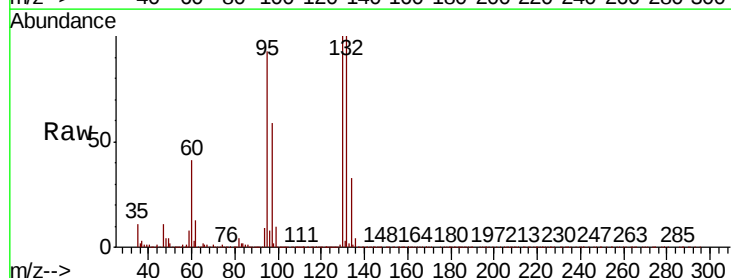
Acq: 09 Dec 2019 19:17

Tgt Ion:130 Resp: 153479

Ion Ratio Lower Upper

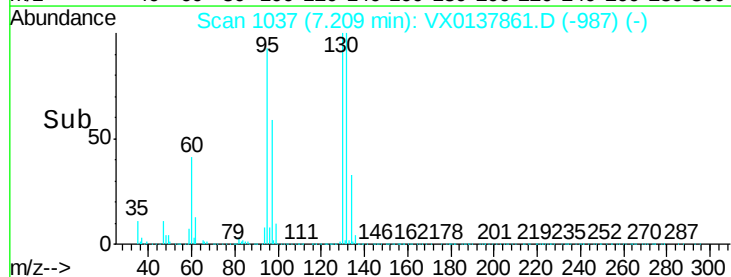
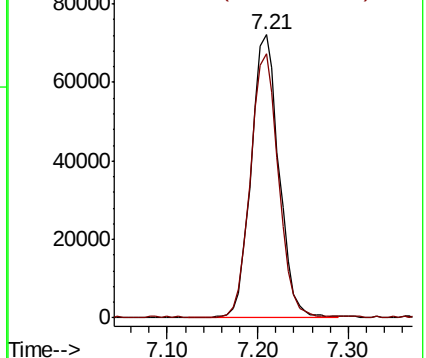
130 100

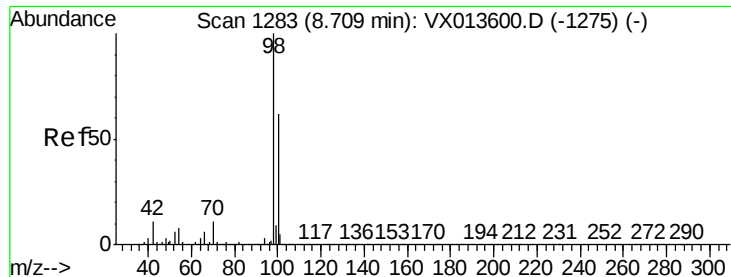
95 92.8 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 48.889 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

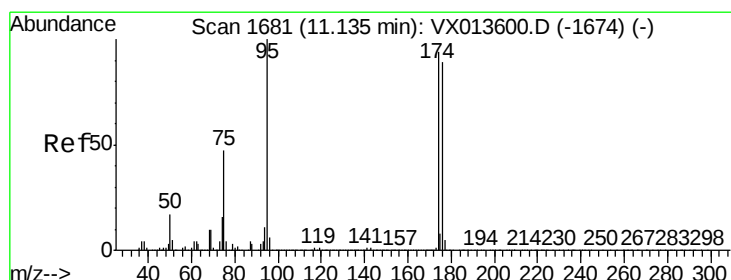
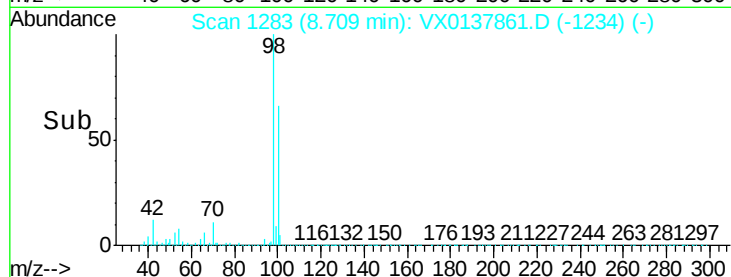
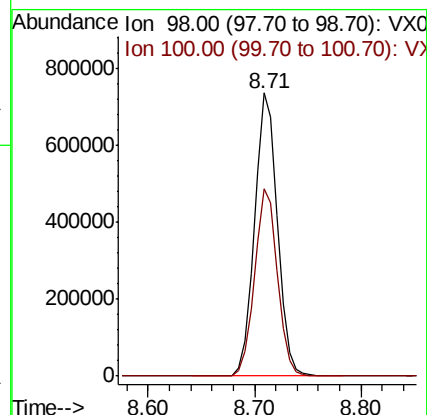
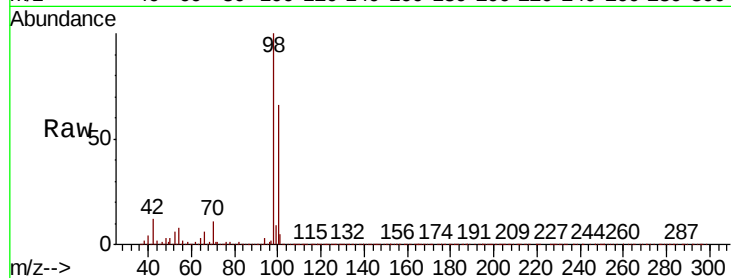
ClientSampled :

Tot Ion: 98 Resp: 1108800

Ion Ratio Lower Upper

98 100

100 66.2 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.020 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

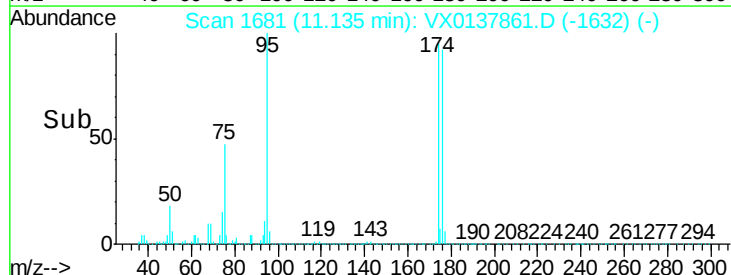
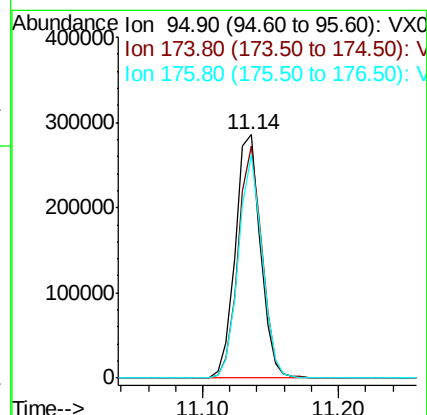
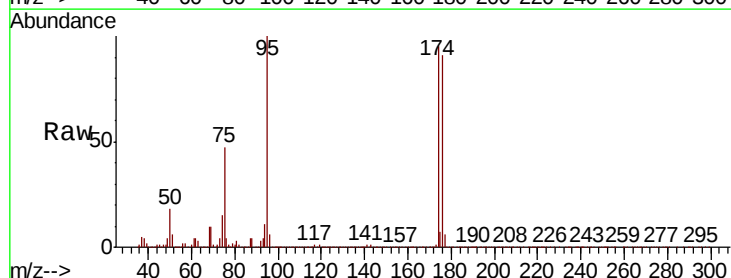
Tgt Ion: 95 Resp: 368195

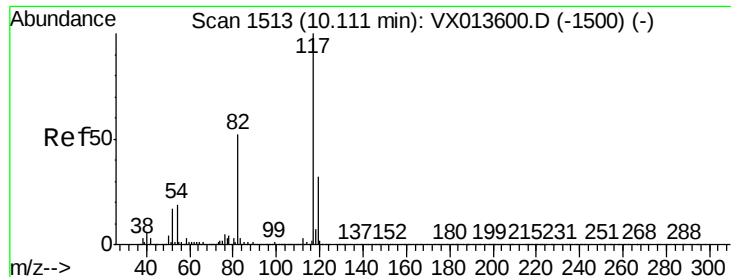
Ion Ratio Lower Upper

95 100

174 90.7 0.0 180.0

176 86.9 0.0 173.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Instrument :

MSVOA_X

ClientSampled :

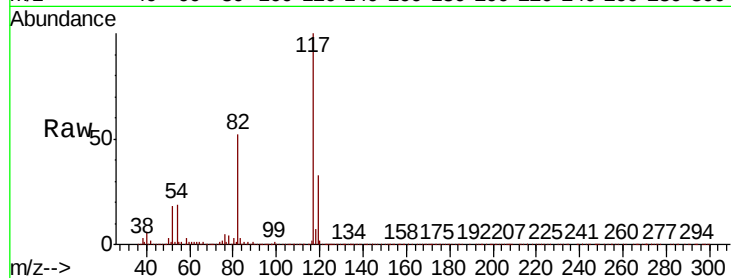
Tot Ion:117 Resp: 847254

Ion Ratio Lower Upper

117 100

82 52.0 41.8 62.8

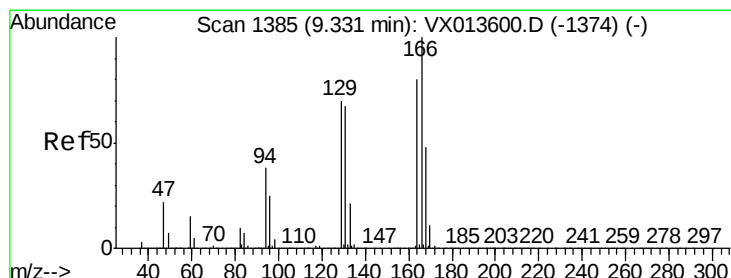
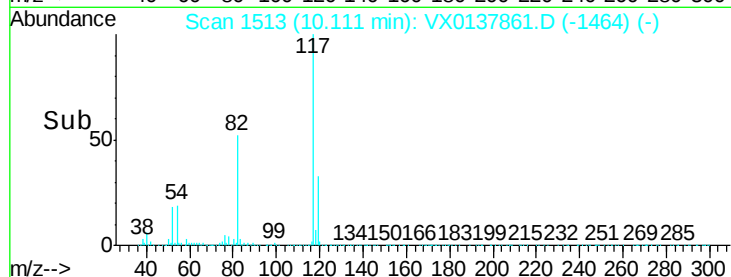
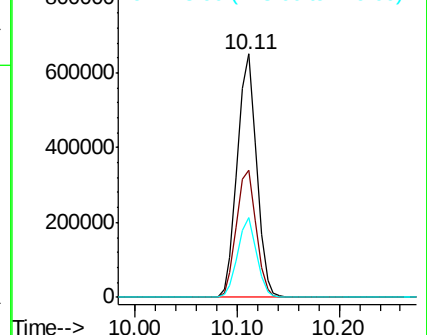
119 32.6 25.8 38.8



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



#64

Tetrachloroethene

Concen: 2.694 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX0137861.D

Acq: 09 Dec 2019 19:17

Tgt Ion:164 Resp: 17023

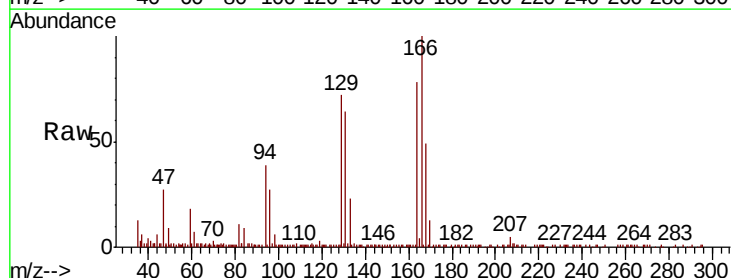
Ion Ratio Lower Upper

164 100

166 128.2 99.7 149.5

129 91.0 70.1 105.1

131 80.2 66.9 100.3

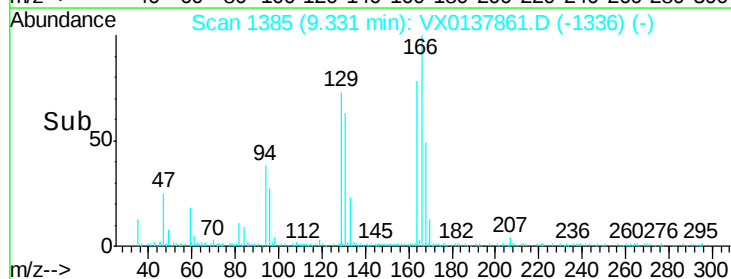
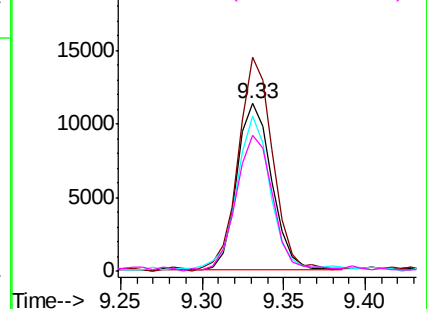


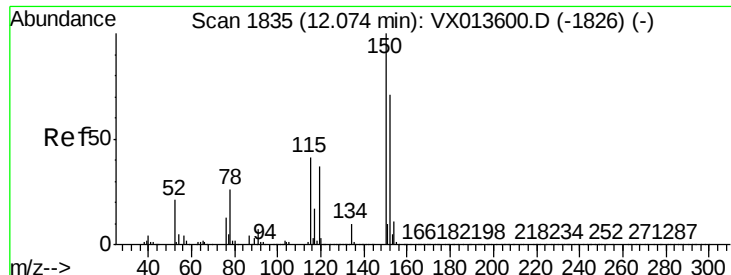
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V



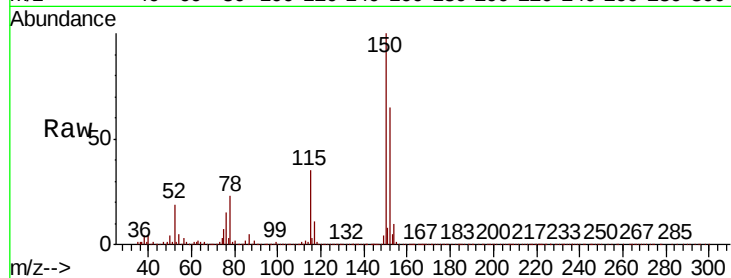


#72

1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX0137861.D
 Acq: 09 Dec 2019 19:17

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
115	55.5	38.4	115.1
150	155.8	0.0	346.8



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

