

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120619\
 Data File : VX013827.D
 Acq On : 07 Dec 2019 02:44
 Operator : JC/SP
 Sample : K6185-13
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20191205

Quant Time: Dec 07 05:48:32 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

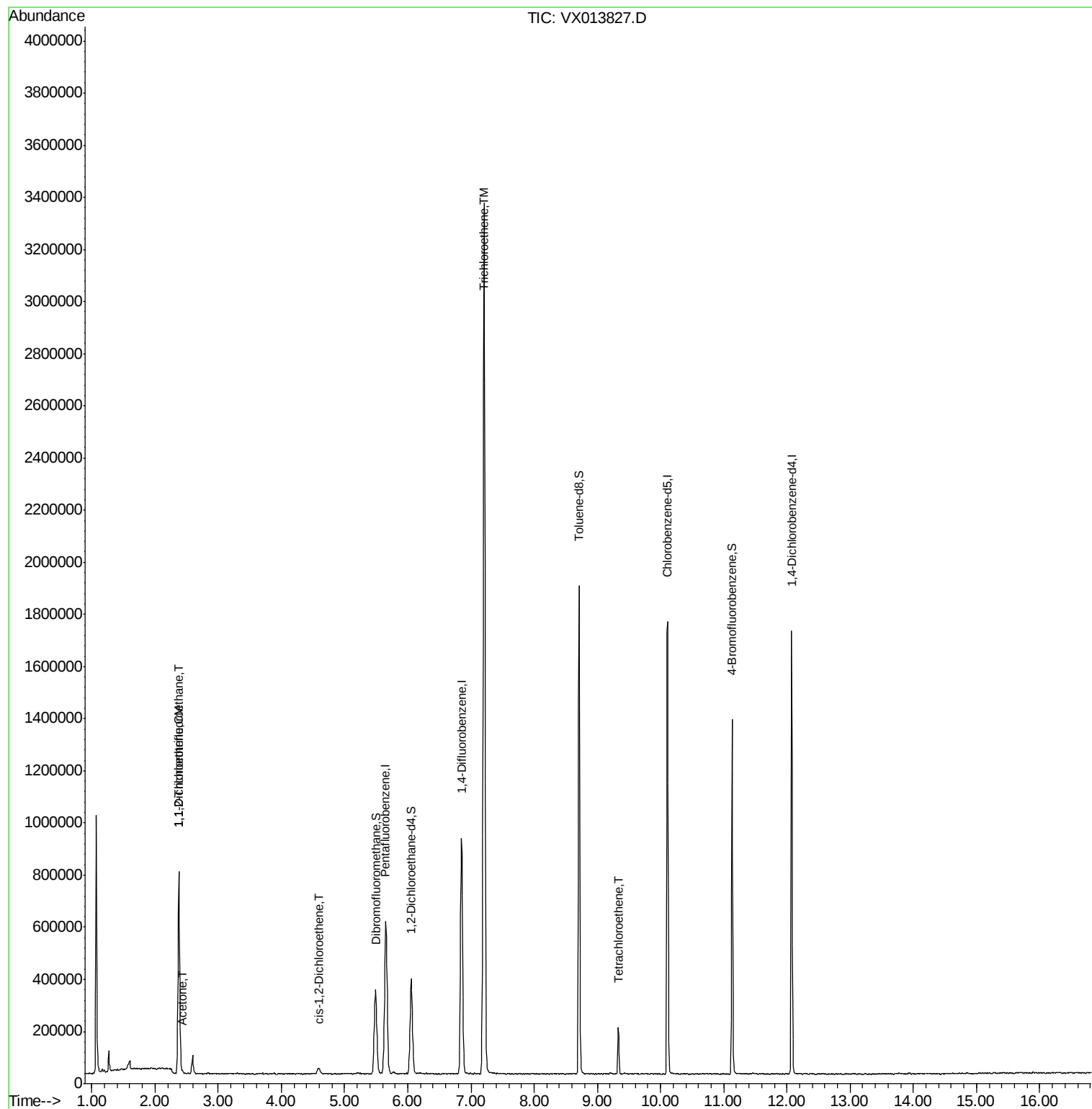
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	605881	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	927181	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	830012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	361402	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	339023	48.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	277777	48.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.92%	
50) Toluene-d8	8.71	98	1103469	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.82%	
62) 4-Bromofluorobenzene	11.13	95	364533	45.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.54%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	306808	53.113	ug/l	98
12) 1,1-Dichloroethene	2.37	96	6327	1.097	ug/l	87
16) Acetone	2.43	43	9932	2.860	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	14685	2.036	ug/l	87
44) Trichloroethene	7.21	130	1330139	189.071	ug/l	98
64) Tetrachloroethene	9.33	164	35868	5.795	ug/l	96

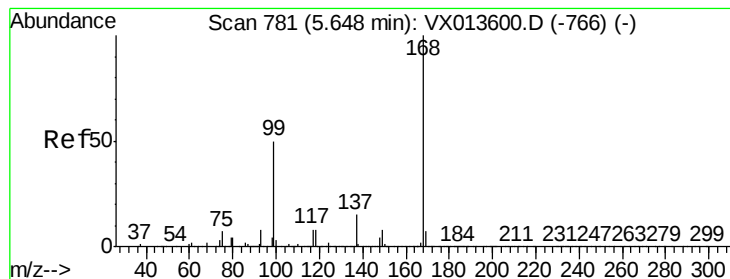
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112619W.M
Quant Title : SW846 8260
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: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

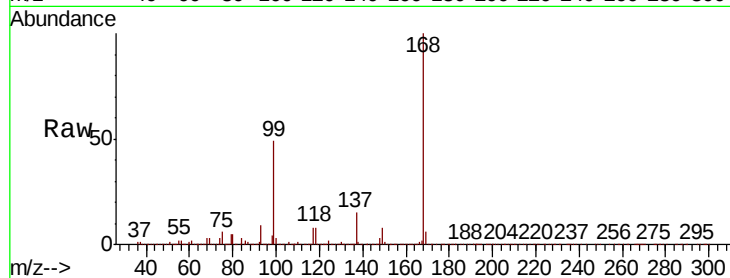
RE125D3-20191205

Tot Ion:168 Resp: 605881

Ion Ratio Lower Upper

168 100

99 49.0 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

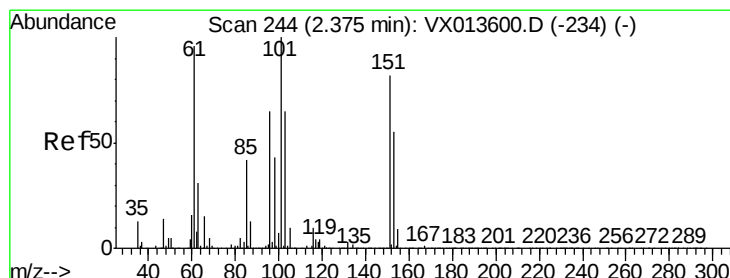
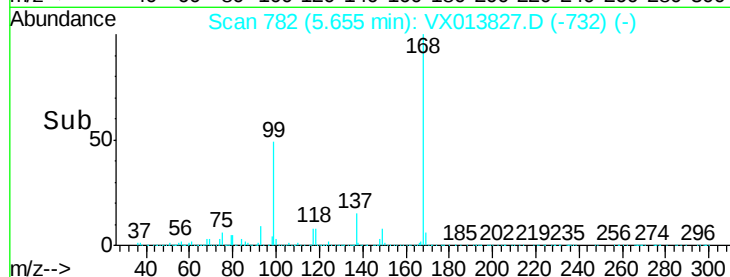
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 53.113 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

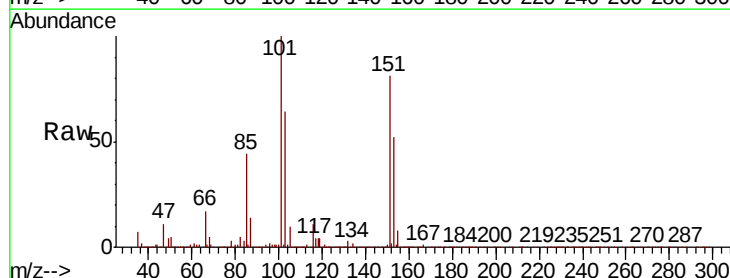
Tgt Ion:101 Resp: 306808

Ion Ratio Lower Upper

101 100

85 42.3 33.9 50.9

151 82.6 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

200000

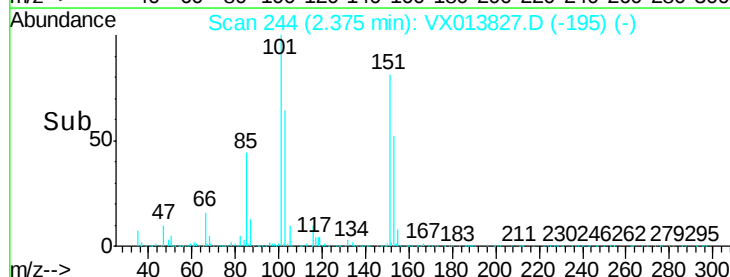
150000

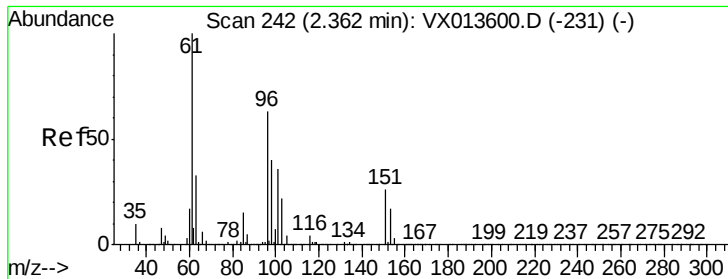
100000

50000

0

Time-->





#12

1,1-Dichloroethene

Concen: 1.097 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20191205

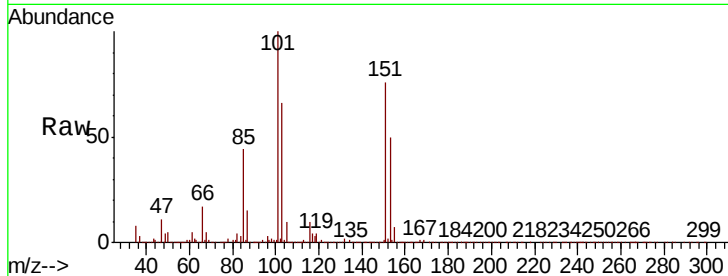
Tot Ion: 96 Resp: 6327

Ion Ratio Lower Upper

96 100

61 179.8 126.6 190.0

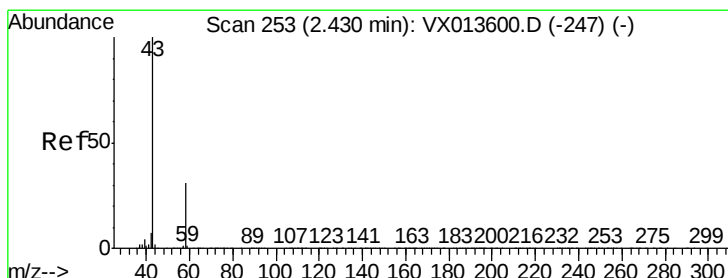
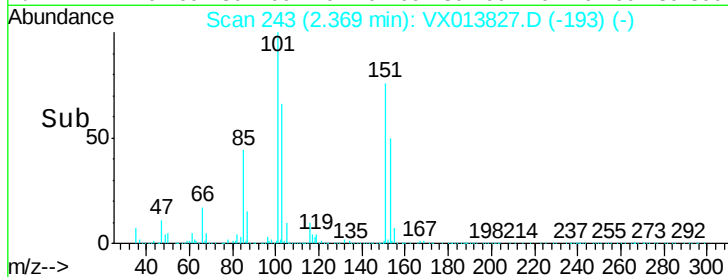
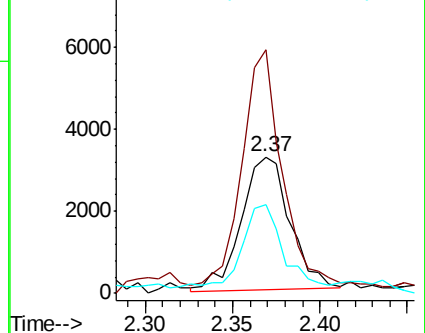
98 61.2 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#16

Acetone

Concen: 2.860 ug/l

RT: 2.43 min Scan# 253

Delta R.T. 0.00 min

Lab File: VX013827.D

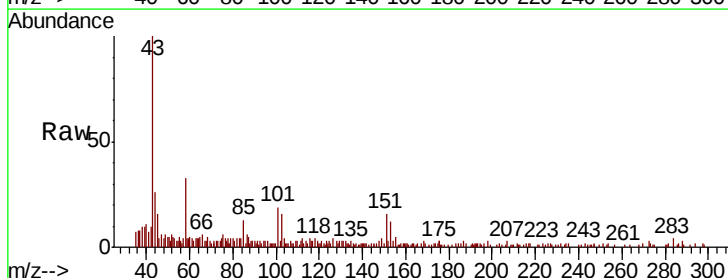
Acq: 07 Dec 2019 02:44

Tgt Ion: 43 Resp: 9932

Ion Ratio Lower Upper

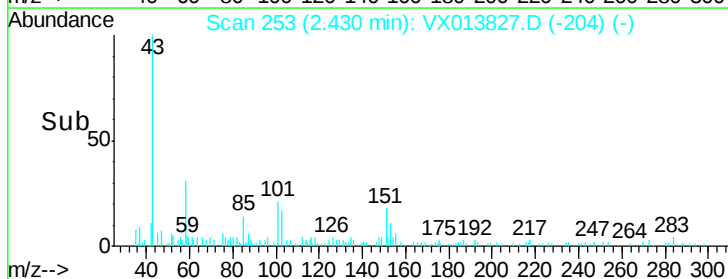
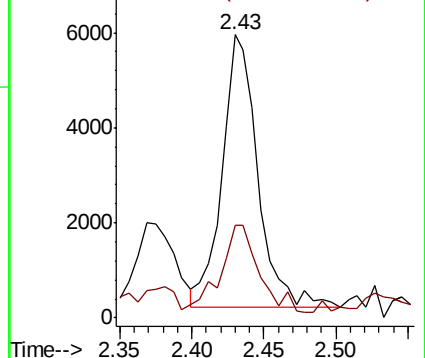
43 100

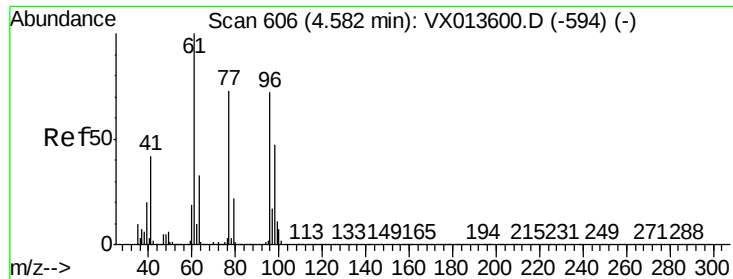
58 29.8 24.6 36.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



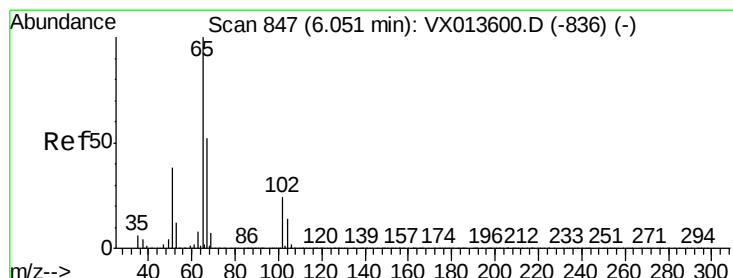
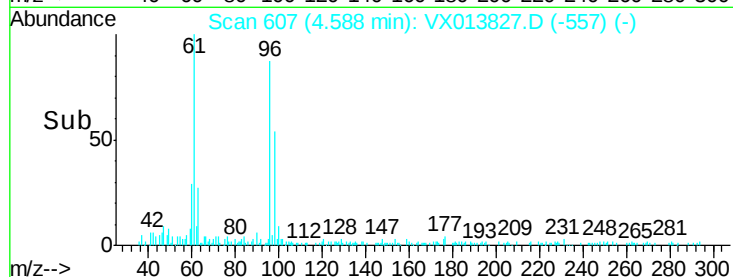
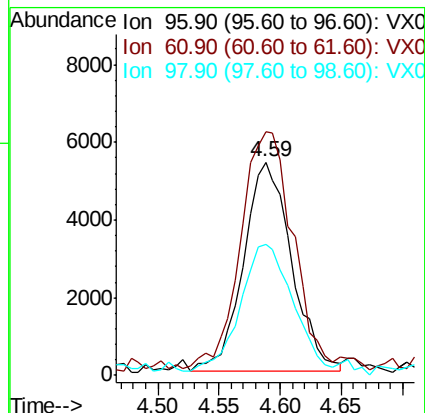
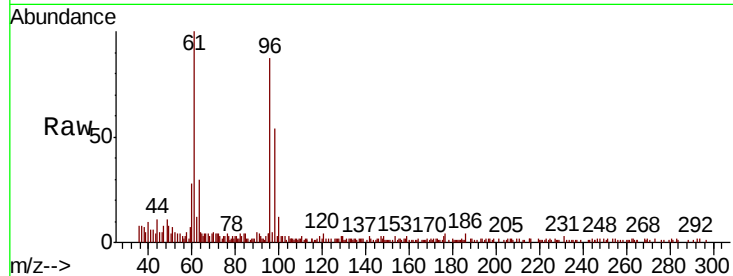


#27

cis-1,2-Dichloroethene
Concen: 2.036 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205

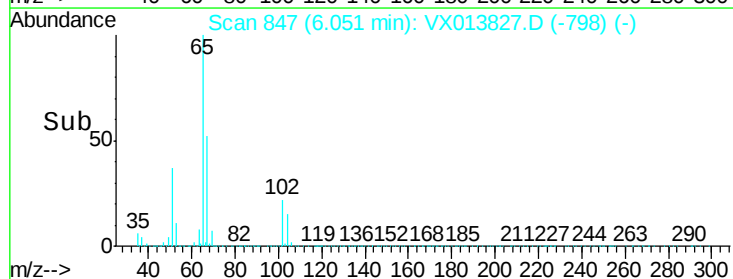
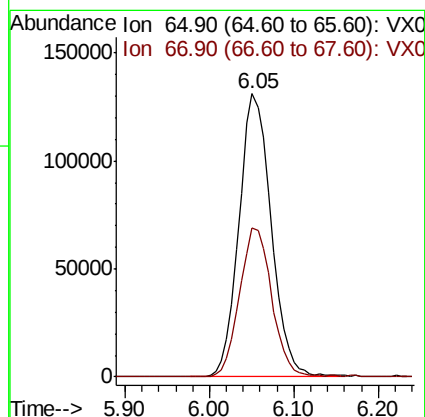
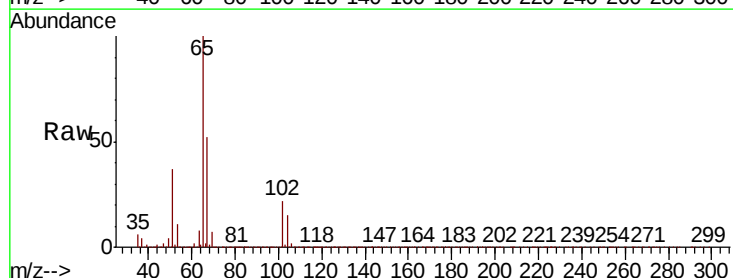
Tot Ion	Ratio	Lower	Upper
96	100		
61	122.4	0.0	286.4
98	67.3	0.0	127.4

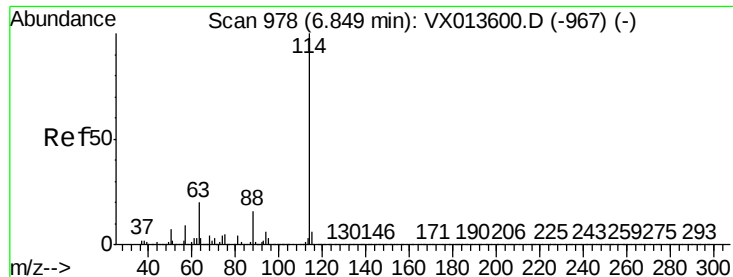


#33

1,2-Dichloroethane-d4
Concen: 48.205 ug/l
RT: 6.05 min Scan# 847
Delta R.T. 0.00 min
Lab File: VX013827.D
Acq: 07 Dec 2019 02:44

Tgt Ion	Ratio	Lower	Upper
65	100		
67	52.1	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: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20191205

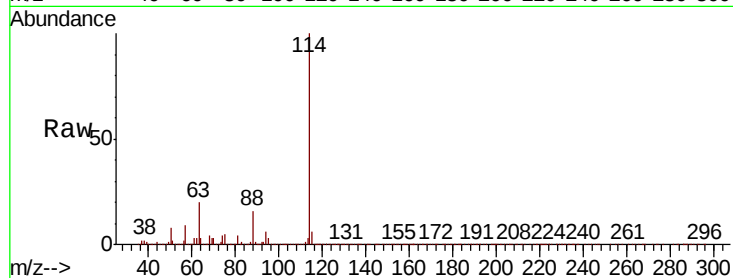
Tot Ion:114 Resp: 927181

Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

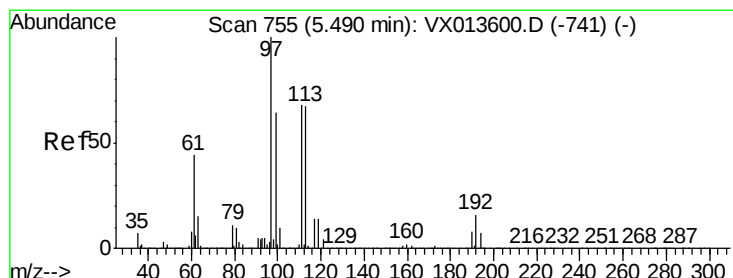
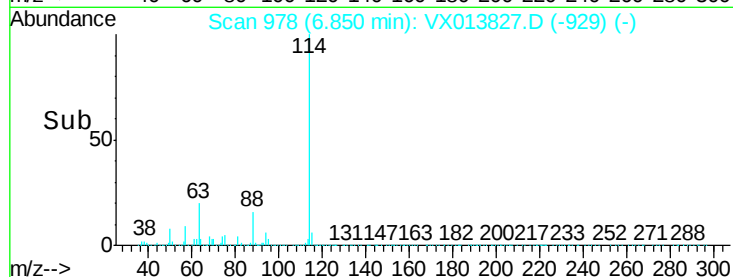
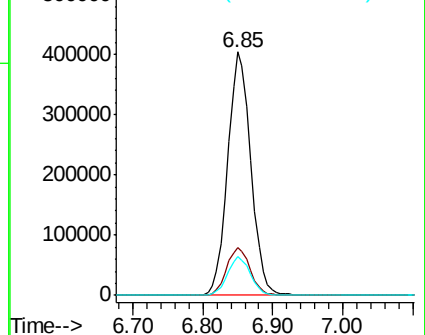
88 15.8 0.0 31.4



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: 48.461 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

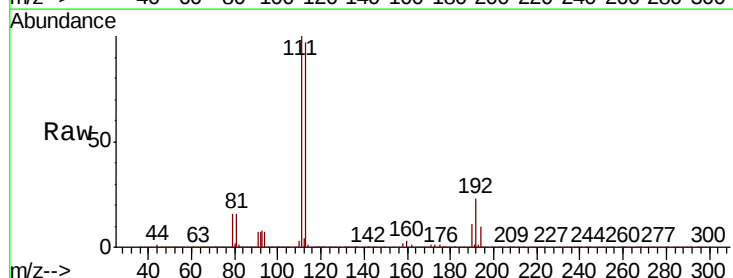
Tgt Ion:113 Resp: 277777

Ion Ratio Lower Upper

113 100

111 102.7 83.6 125.4

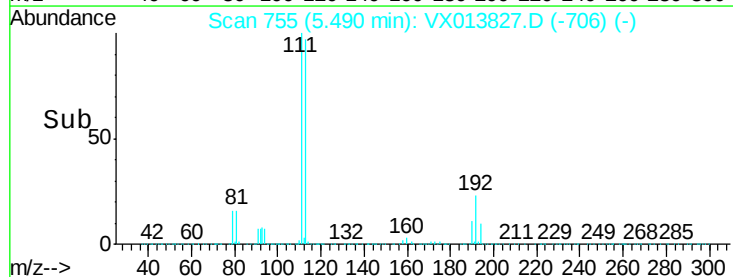
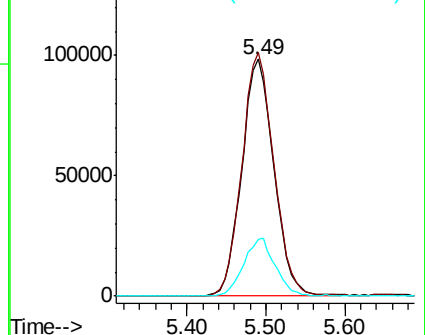
192 24.1 19.2 28.8

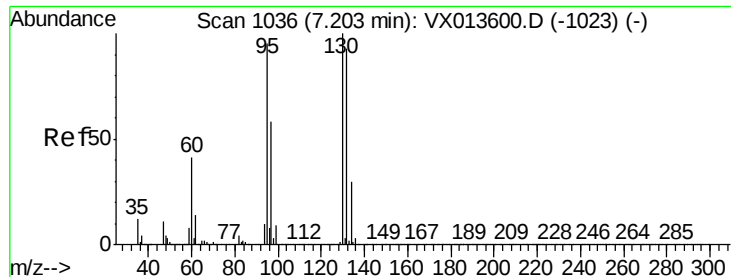


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 189.071 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

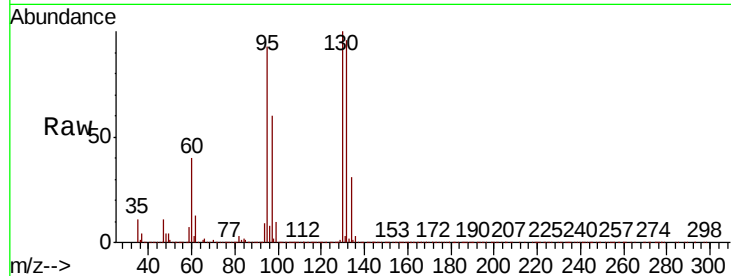
RE125D3-20191205

Tot Ion:130 Resp: 1330139

Ion Ratio Lower Upper

130 100

95 93.3 0.0 190.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

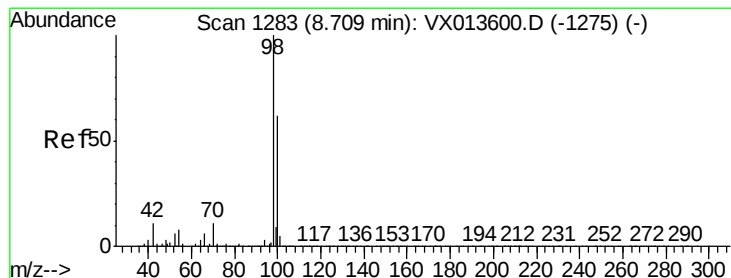
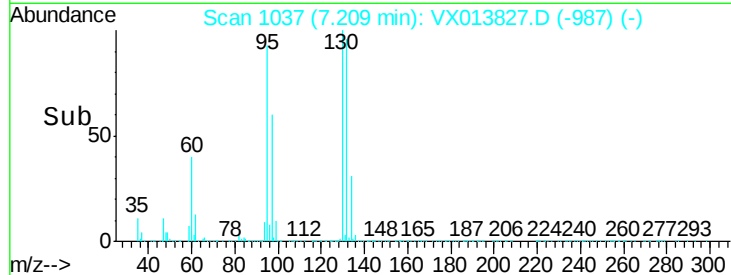
600000

400000

200000

0

Time-->



#50

Toluene-d8

Concen: 49.411 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013827.D

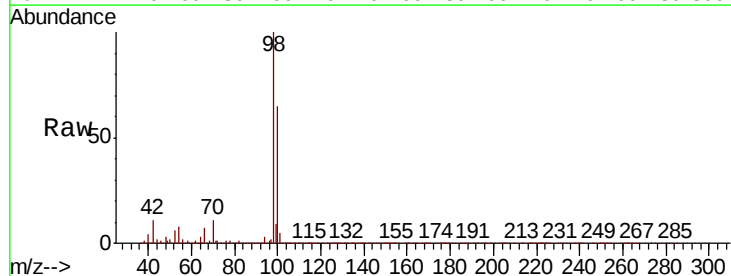
Acq: 07 Dec 2019 02:44

Tgt Ion: 98 Resp: 1103469

Ion Ratio Lower Upper

98 100

100 65.5 53.1 79.7



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

800000

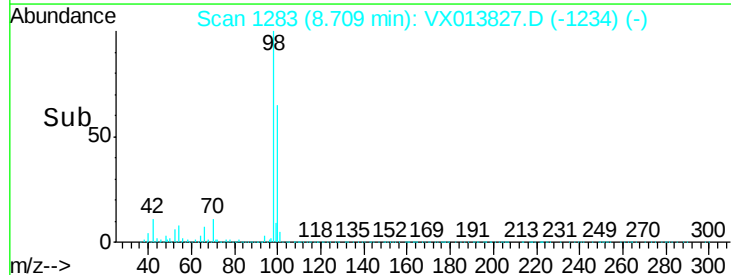
600000

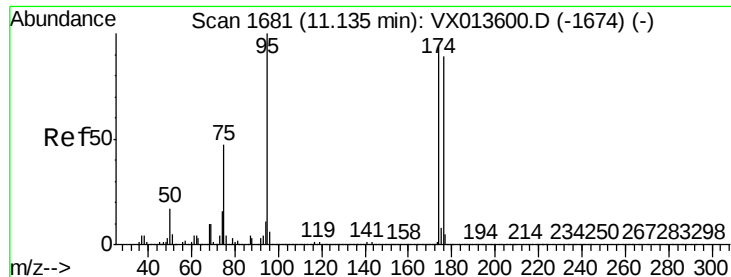
400000

200000

0

Time-->





#62

4-Bromofluorobenzene

Concen: 45.266 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20191205

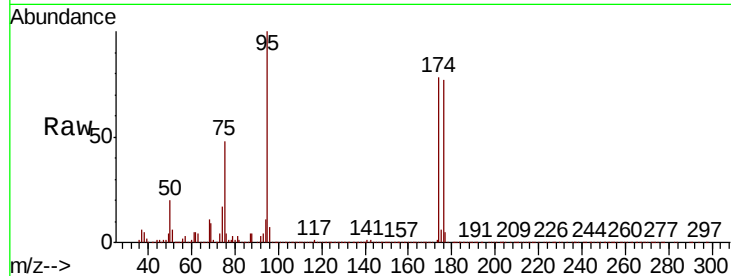
Tot Ion: 95 Resp: 364533

Ion Ratio Lower Upper

95 100

174 88.0 0.0 180.0

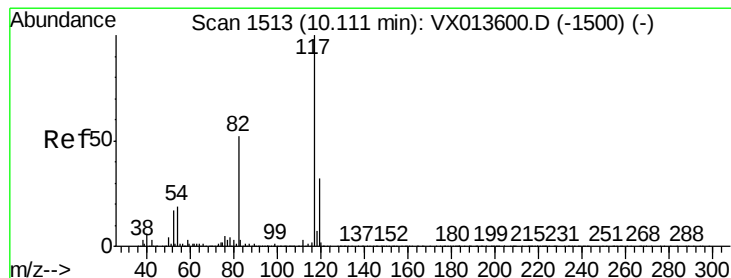
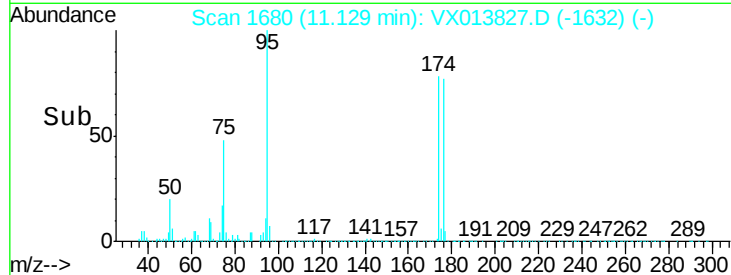
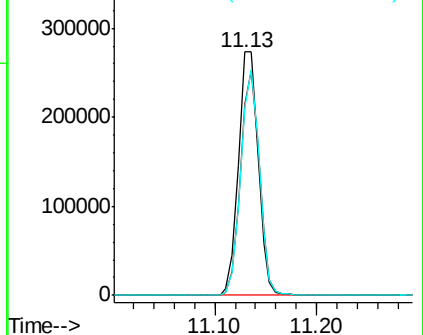
176 87.4 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013600.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013600.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013600.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

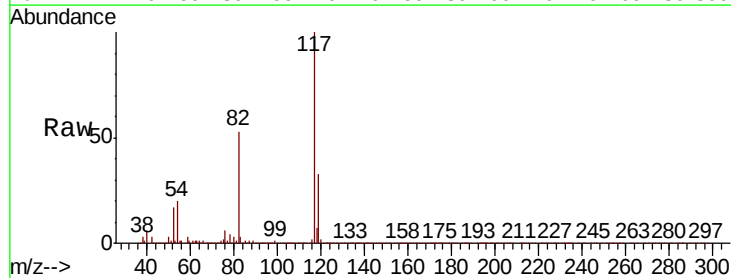
Tgt Ion: 117 Resp: 830012

Ion Ratio Lower Upper

117 100

82 52.7 41.8 62.8

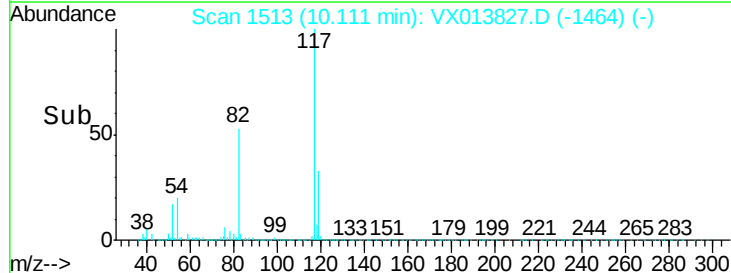
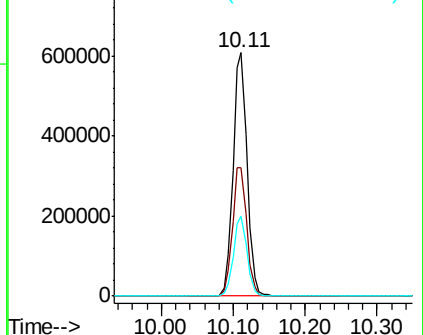
119 32.7 25.8 38.8

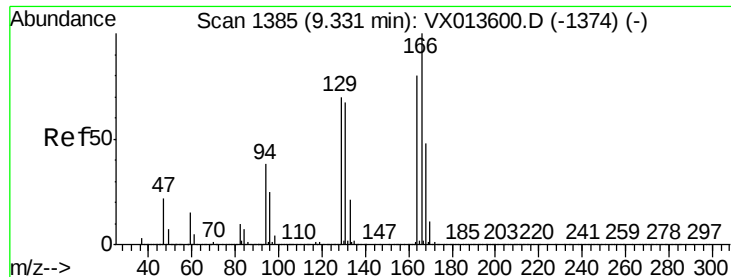


Abundance Ion 116.90 (116.60 to 117.60): VX013600.D (-1500) (-)

Ion 82.00 (81.70 to 82.70): VX013600.D (-1500) (-)

Ion 118.90 (118.60 to 119.60): VX013600.D (-1500) (-)





#64

Tetrachloroethene

Concen: 5.795 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013827.D

Acq: 07 Dec 2019 02:44

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20191205

Tot Ion:164 Resp: 35868

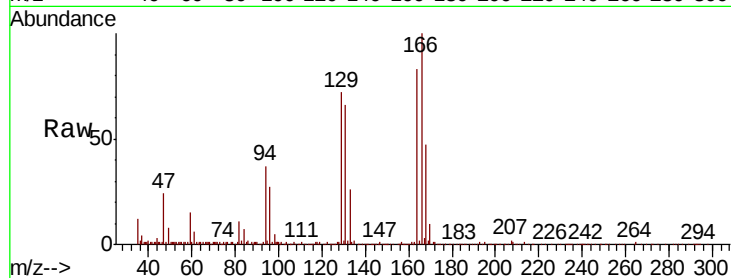
Ion Ratio Lower Upper

164 100

166 120.3 99.7 149.5

129 85.9 70.1 105.1

131 78.5 66.9 100.3

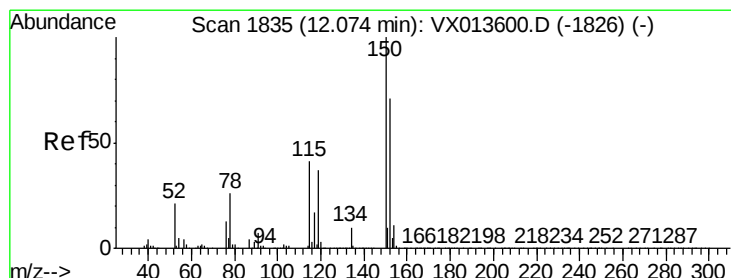
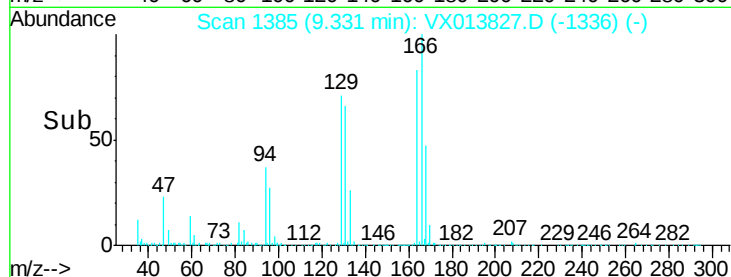
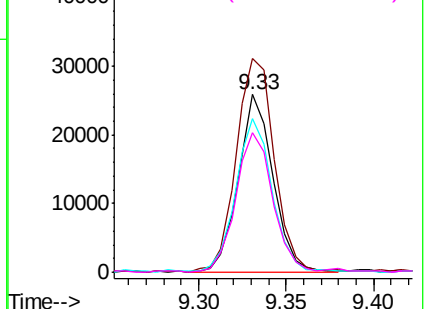


Abundance Ion 163.80 (163.50 to 164.50): V

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: VX013827.D

Acq: 07 Dec 2019 02:44

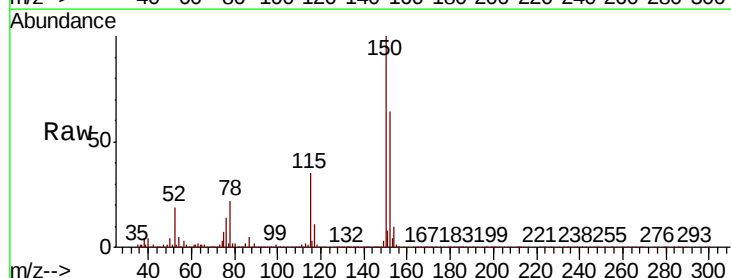
Tgt Ion:152 Resp: 361402

Ion Ratio Lower Upper

152 100

115 54.5 38.4 115.1

150 155.0 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

