

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120919\
 Data File : VX013864.D
 Acq On : 09 Dec 2019 20:27
 Operator : JC/SP
 Sample : K6185-12DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205DL

Quant Time: Dec 10 04:51:03 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

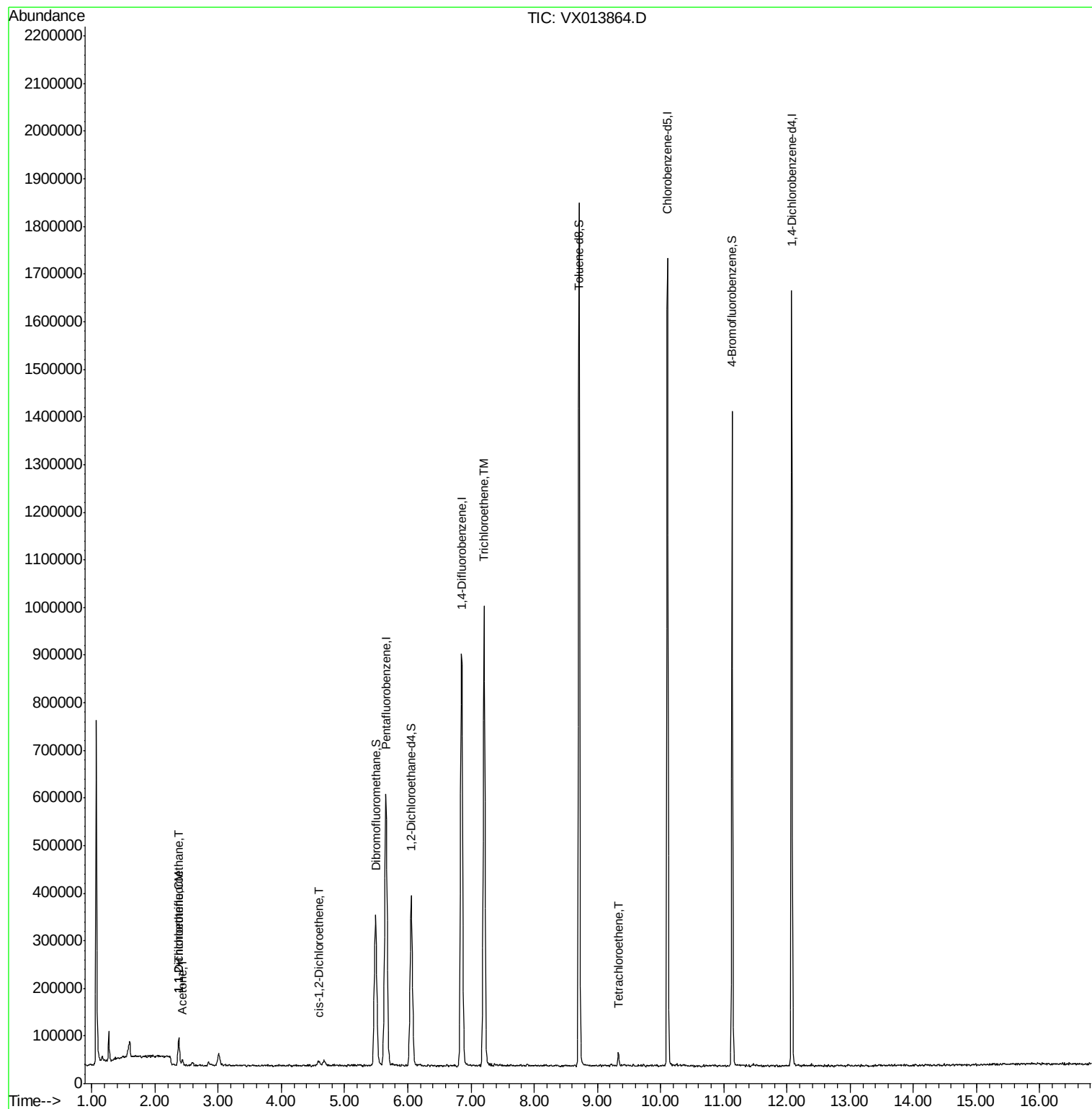
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	595186	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	902690	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	795835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	339363	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	331916	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
35) Dibromofluoromethane	5.49	113	272269	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
50) Toluene-d8	8.71	98	1076017	49.49	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.98%	
62) 4-Bromofluorobenzene	11.14	95	347623	44.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.68%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	21203	3.736	ug/l	98
12) 1,1-Dichloroethene	2.37	96	4976	0.879	ug/l	79
16) Acetone	2.43	43	10456	3.065	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	6031	0.851	ug/l	90
44) Trichloroethene	7.21	130	380250	55.517	ug/l	97
64) Tetrachloroethene	9.33	164	5594	0.943	ug/l	89

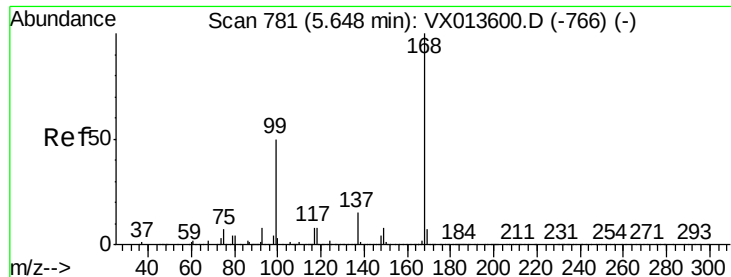
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120919\
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ClientSampleId :
RE125D2-20191205DL

Quant Time: Dec 10 04:51:03 2019
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: VX013864.D

Acq: 09 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

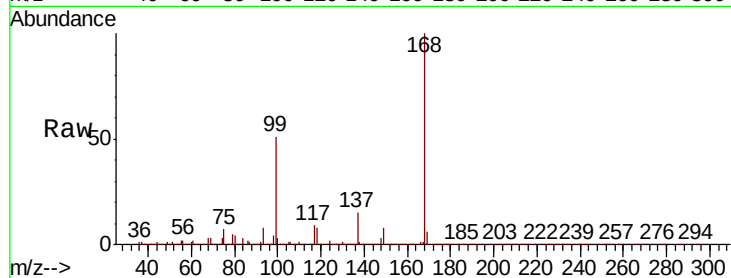
RE125D2-20191205DL

Tot Ion:168 Resp: 595186

Ion Ratio Lower Upper

168 100

99 51.2 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

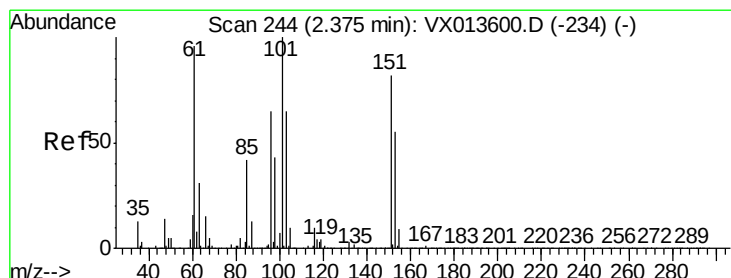
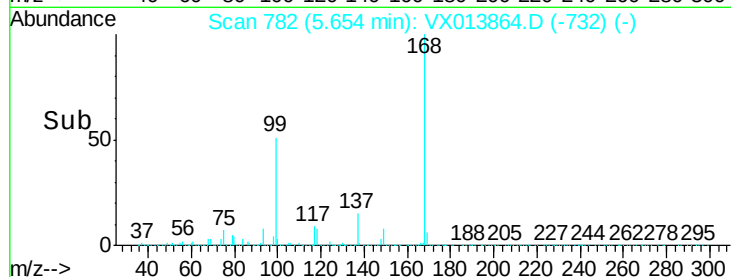
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 3.736 ug/l

RT: 2.37 min Scan# 244

Delta R.T. -0.00 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

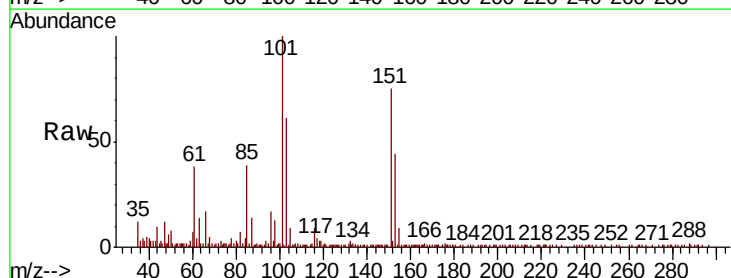
Tgt Ion:101 Resp: 21203

Ion Ratio Lower Upper

101 100

85 39.1 33.9 50.9

151 80.4 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

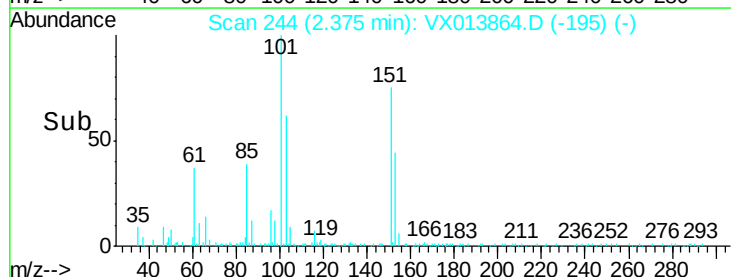
15000

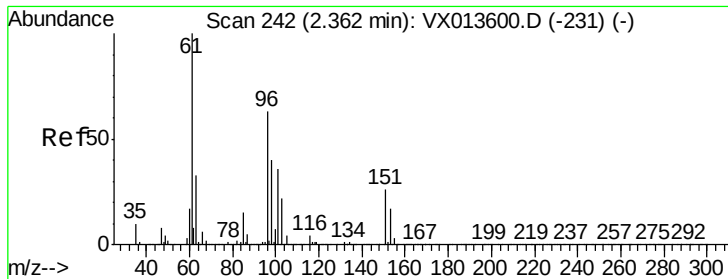
10000

5000

0

Time-->

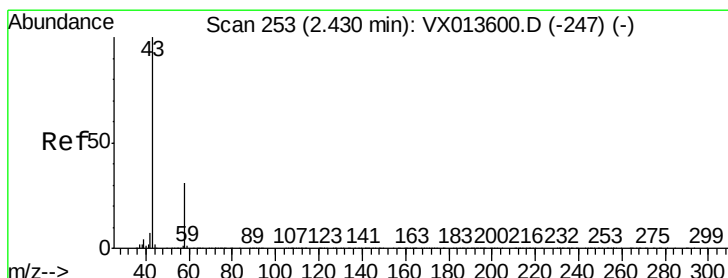
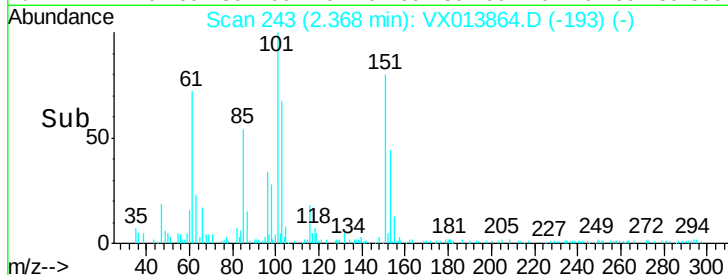
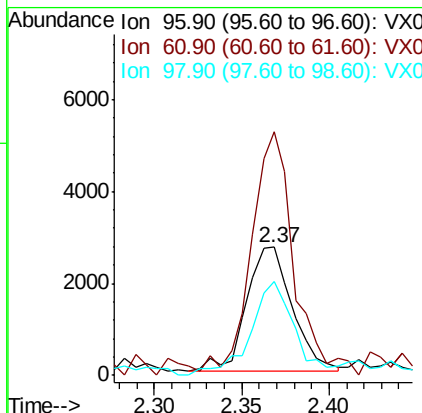
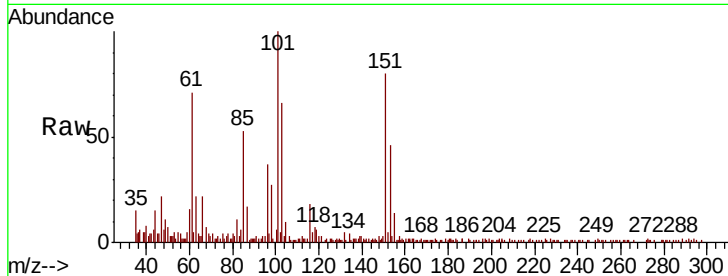




#12
 1,1-Dichloroethene
 Concen: 0.879 ug/l
 RT: 2.37 min Scan# 243
 Delta R.T. 0.01 min
 Lab File: VX013864.D
 Acq: 09 Dec 2019 20:27

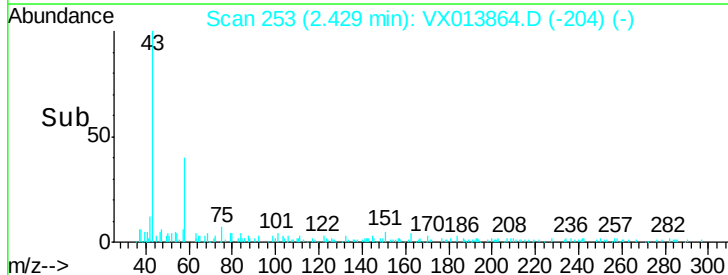
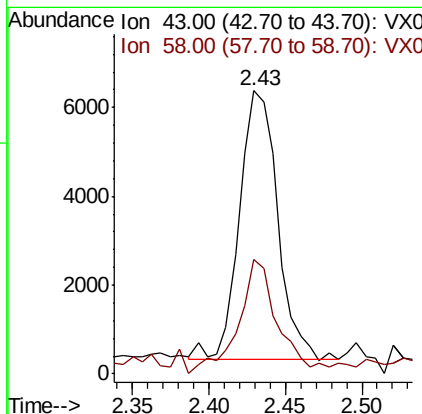
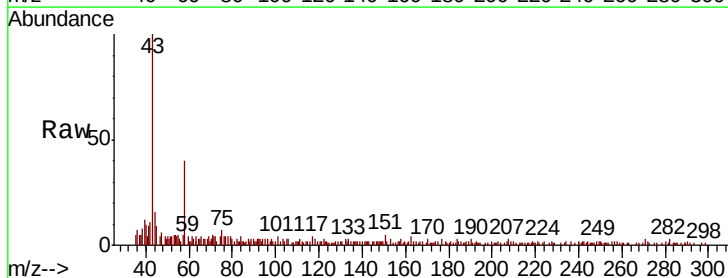
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205DL

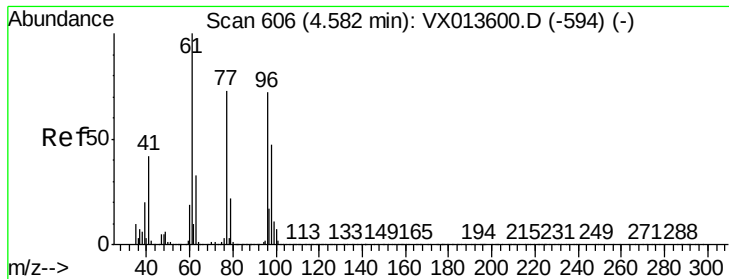
Tot Ion: 96 Resp: 4976
 Ion Ratio Lower Upper
 96 100
 61 188.2 126.6 190.0
 98 76.0 50.6 76.0



#16
 Acetone
 Concen: 3.065 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.00 min
 Lab File: VX013864.D
 Acq: 09 Dec 2019 20:27

Tgt Ion: 43 Resp: 10456
 Ion Ratio Lower Upper
 43 100
 58 38.6 24.6 36.8#



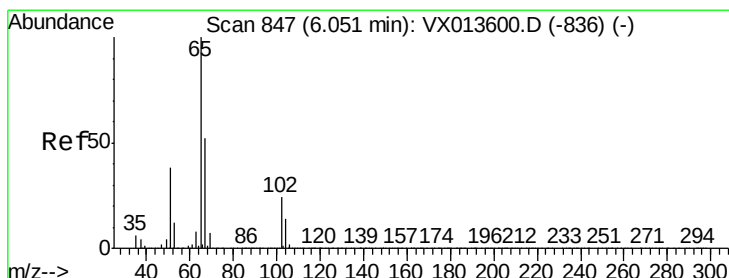
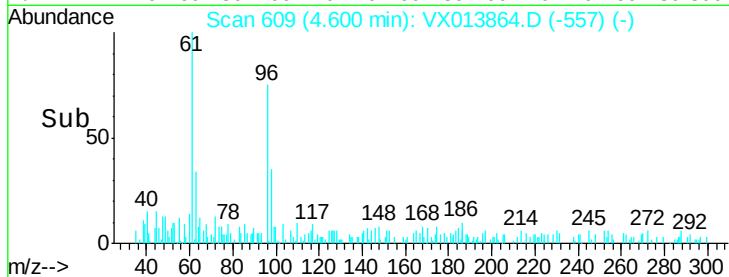
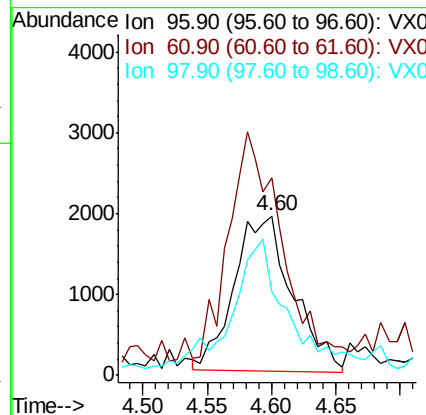
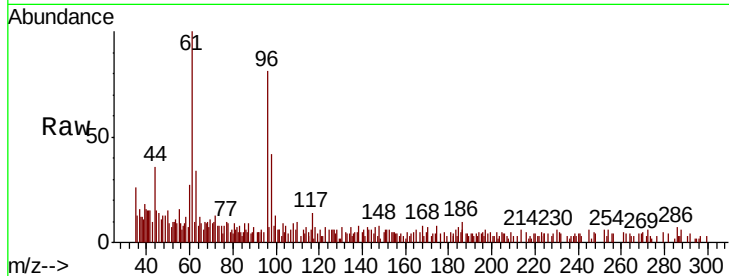


#27

cis-1,2-Dichloroethene
 Concen: 0.851 ug/l
 RT: 4.60 min Scan# 609
 Delta R.T. 0.02 min
 Lab File: VX013864.D
 Acq: 09 Dec 2019 20:27

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D2-20191205DL

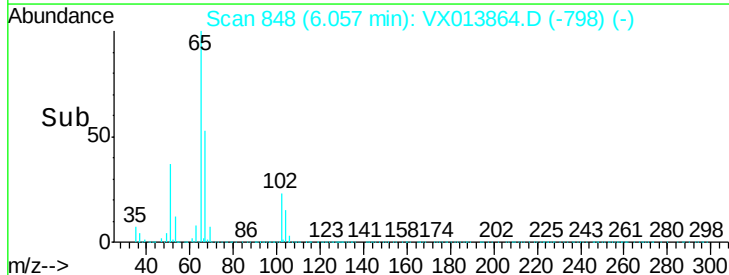
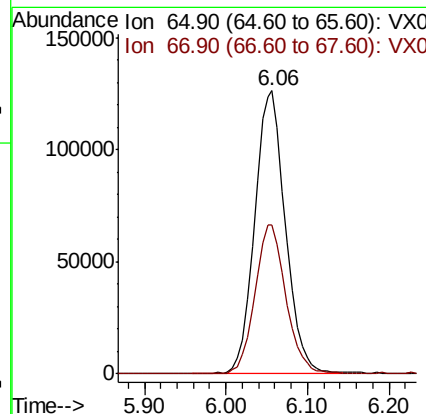
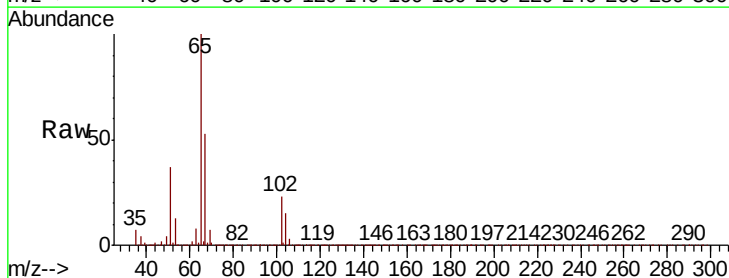
Tot Ion	Ratio	Lower	Upper
96	100		
61	133.0	0.0	286.4
98	74.3	0.0	127.4

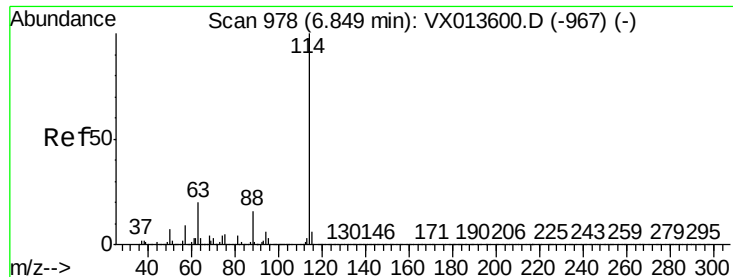


#33

1,2-Dichloroethane-d4
 Concen: 48.043 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013864.D
 Acq: 09 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.3	0.0	104.4

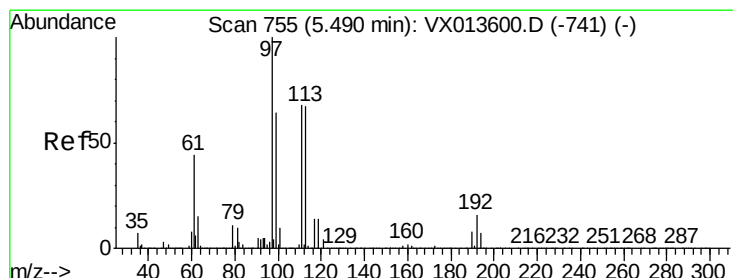
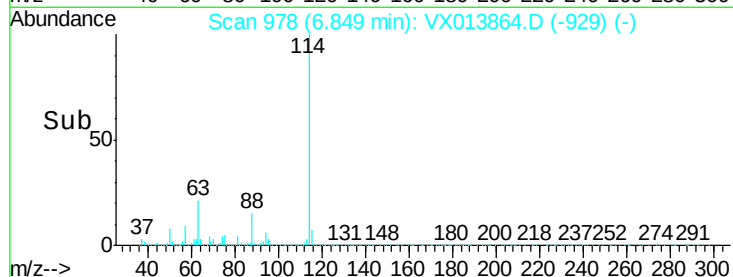
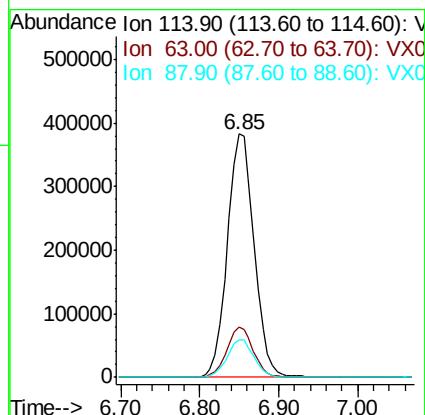
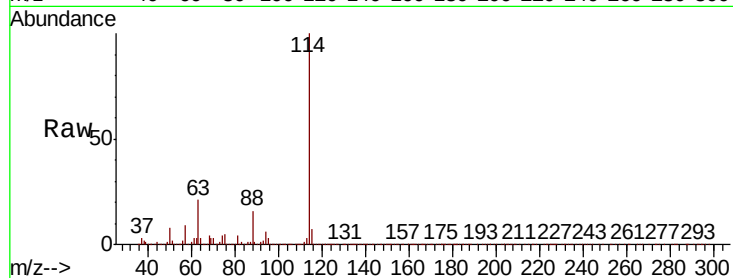




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013864.D
Acq: 09 Dec 2019 20:27

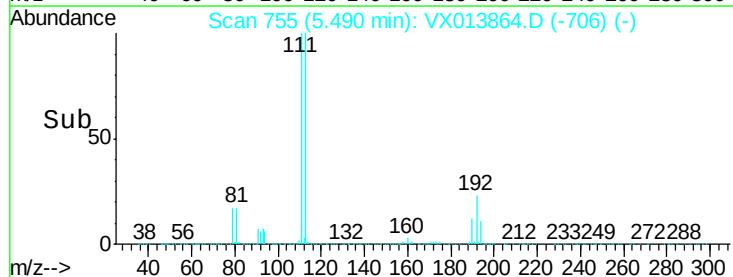
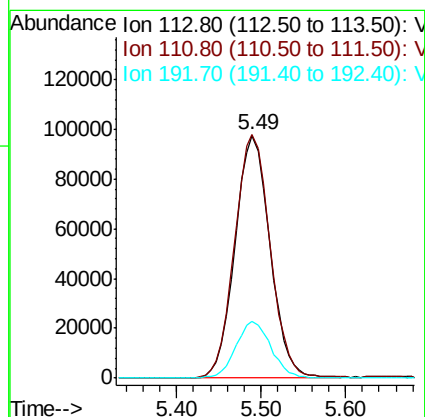
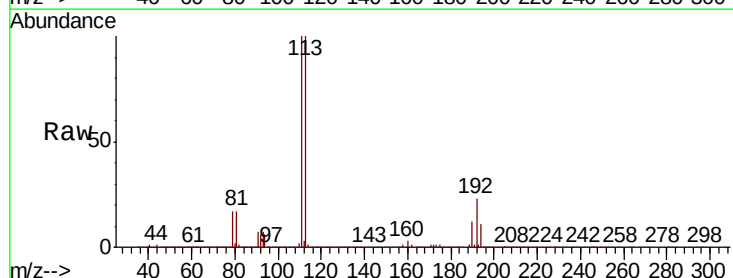
Instrument :
MSVOA_X
ClientSampleId :
RE125D2-20191205DL

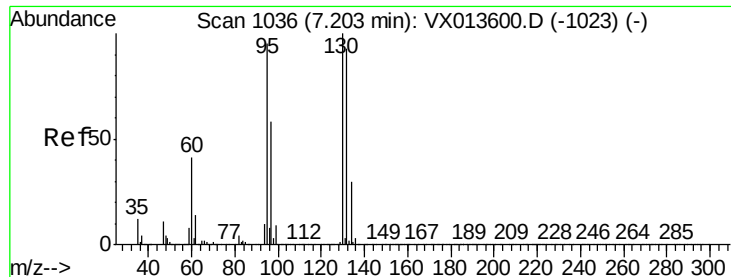
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	39.6
88	15.4	0.0	31.4



#35
Dibromofluoromethane
Concen: 48.789 ug/l
RT: 5.49 min Scan# 755
Delta R.T. -0.00 min
Lab File: VX013864.D
Acq: 09 Dec 2019 20:27

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	83.6	125.4
192	23.9	19.2	28.8





#44

Trichloroethene

Concen: 55.517 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

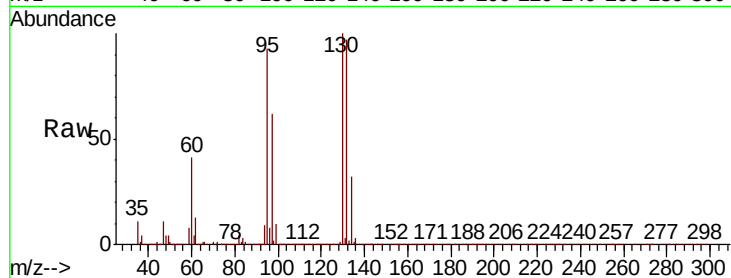
RE125D2-20191205DL

Tot Ion:130 Resp: 380250

Ion Ratio Lower Upper

130 100

95 92.9 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

200000

150000

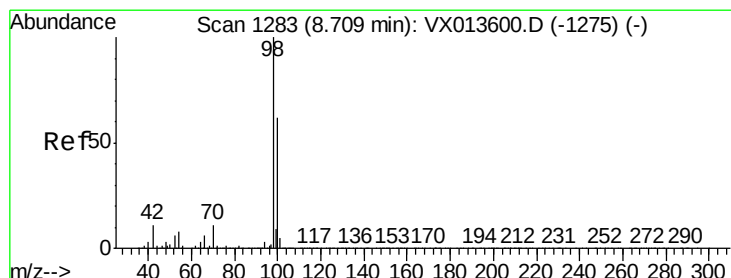
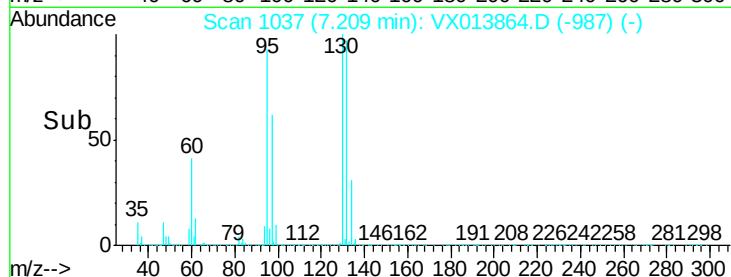
100000

50000

0

Time-->

7.10 7.20 7.30



#50

Toluene-d8

Concen: 49.489 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013864.D

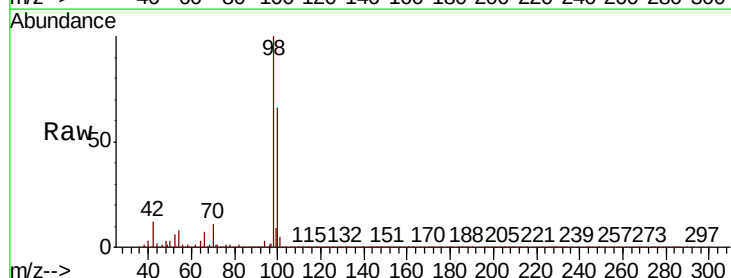
Acq: 09 Dec 2019 20:27

Tgt Ion: 98 Resp: 1076017

Ion Ratio Lower Upper

98 100

100 65.8 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

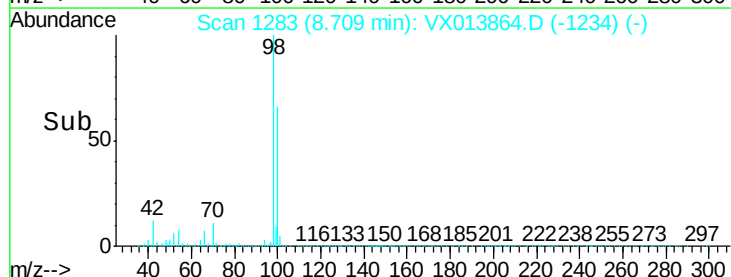
400000

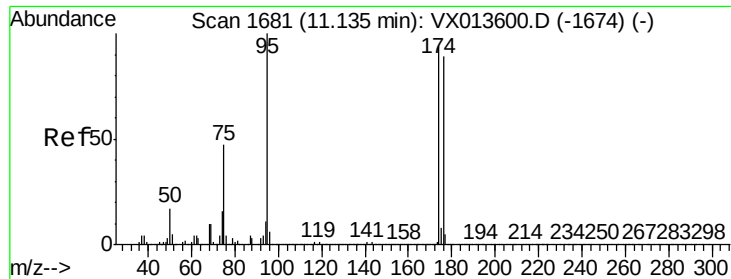
200000

0

Time-->

8.60 8.65 8.70 8.75 8.80





#62

4-Bromofluorobenzene

Concen: 44.338 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. -0.00 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205DL

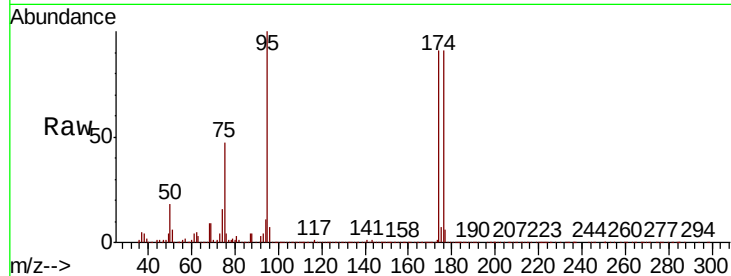
Tot Ion: 95 Resp: 347623

Ion Ratio Lower Upper

95 100

174 88.8 0.0 180.0

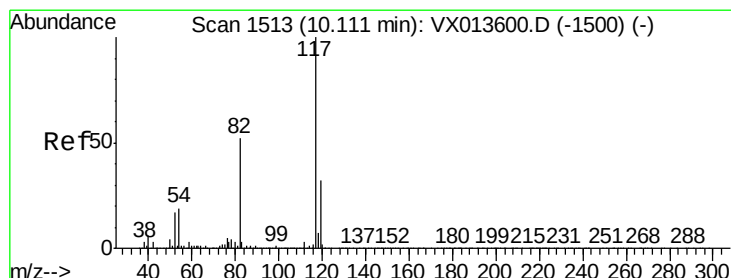
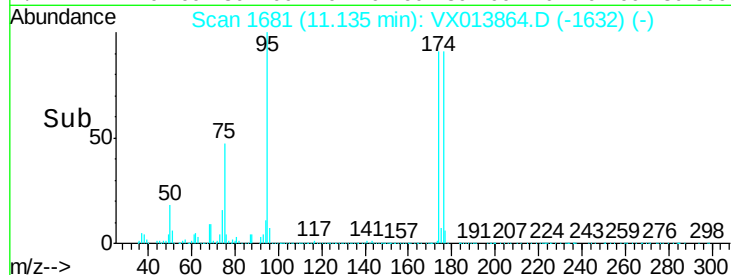
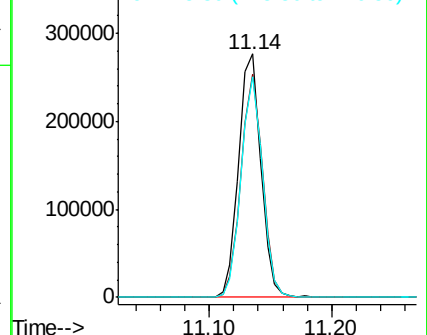
176 87.5 0.0 173.6



Abundance Ion 94.90 (94.60 to 95.60): VX013864.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013864.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013864.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

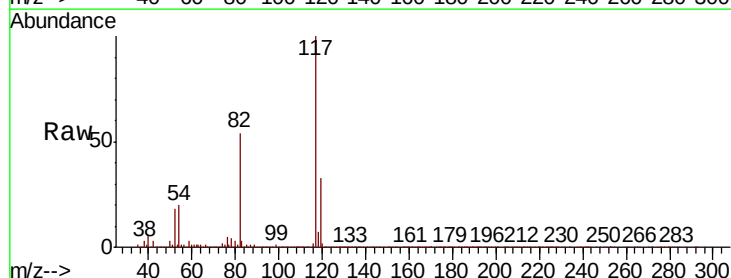
Tgt Ion: 117 Resp: 795835

Ion Ratio Lower Upper

117 100

82 53.5 41.8 62.8

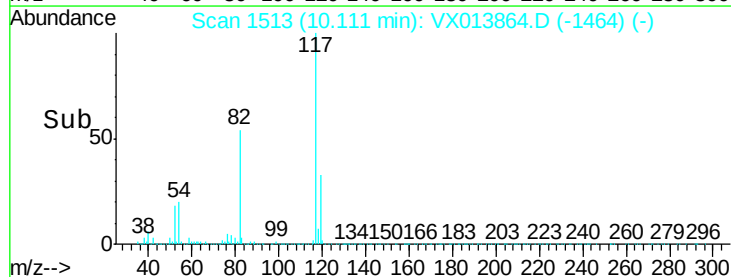
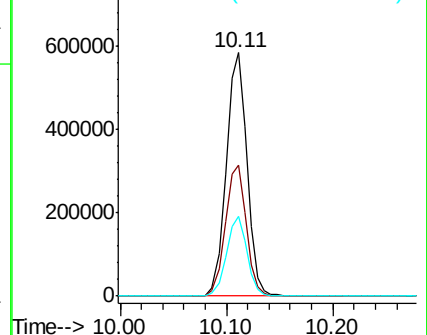
119 32.9 25.8 38.8

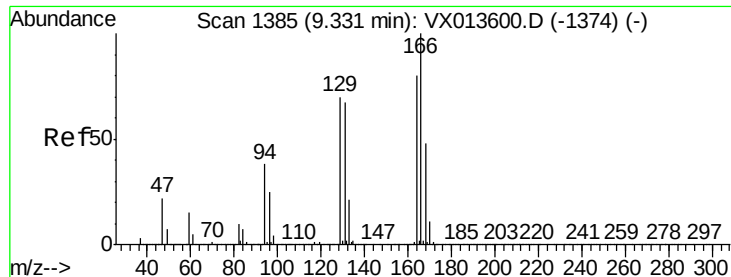


Abundance Ion 116.90 (116.60 to 117.60): VX013864.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX013864.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX013864.D (-1464) (-)





#64

Tetrachloroethene

Concen: 0.943 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. -0.00 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

Instrument :

MSVOA_X

ClientSampleId :

RE125D2-20191205DL

Tot Ion:164 Resp: 5594

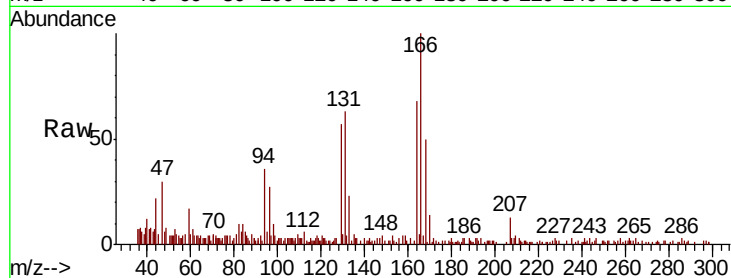
Ion Ratio Lower Upper

164 100

166 144.8 99.7 149.5

129 79.3 70.1 105.1

131 87.2 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

8000

6000

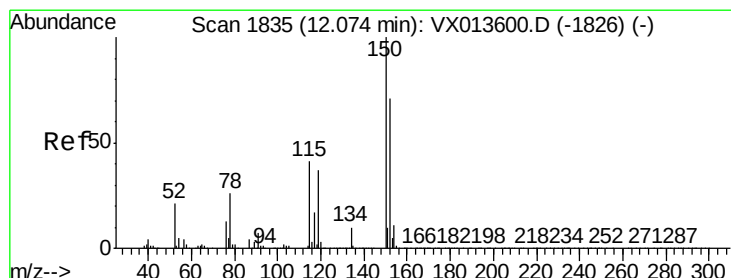
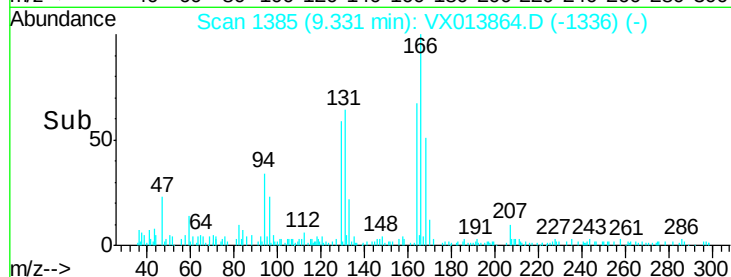
4000

2000

0

9.30 9.35 9.40

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013864.D

Acq: 09 Dec 2019 20:27

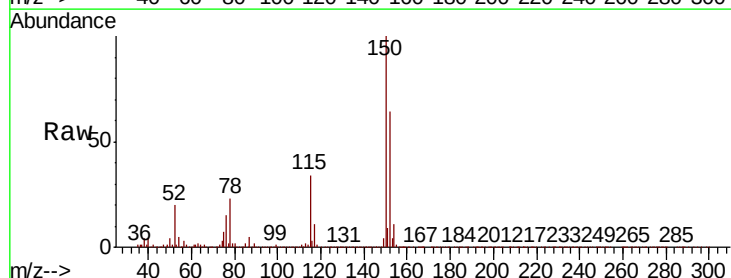
Tgt Ion:152 Resp: 339363

Ion Ratio Lower Upper

152 100

115 54.8 38.4 115.1

150 156.3 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

600000

500000

400000

300000

200000

100000

0

12.00 12.05 12.10 12.15

Time-->

