

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121119\
 Data File : VX013942.D
 Acq On : 11 Dec 2019 14:21
 Operator : JC/SP
 Sample : K6185-13DL 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20191205DL

Quant Time: Dec 12 07:44:07 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

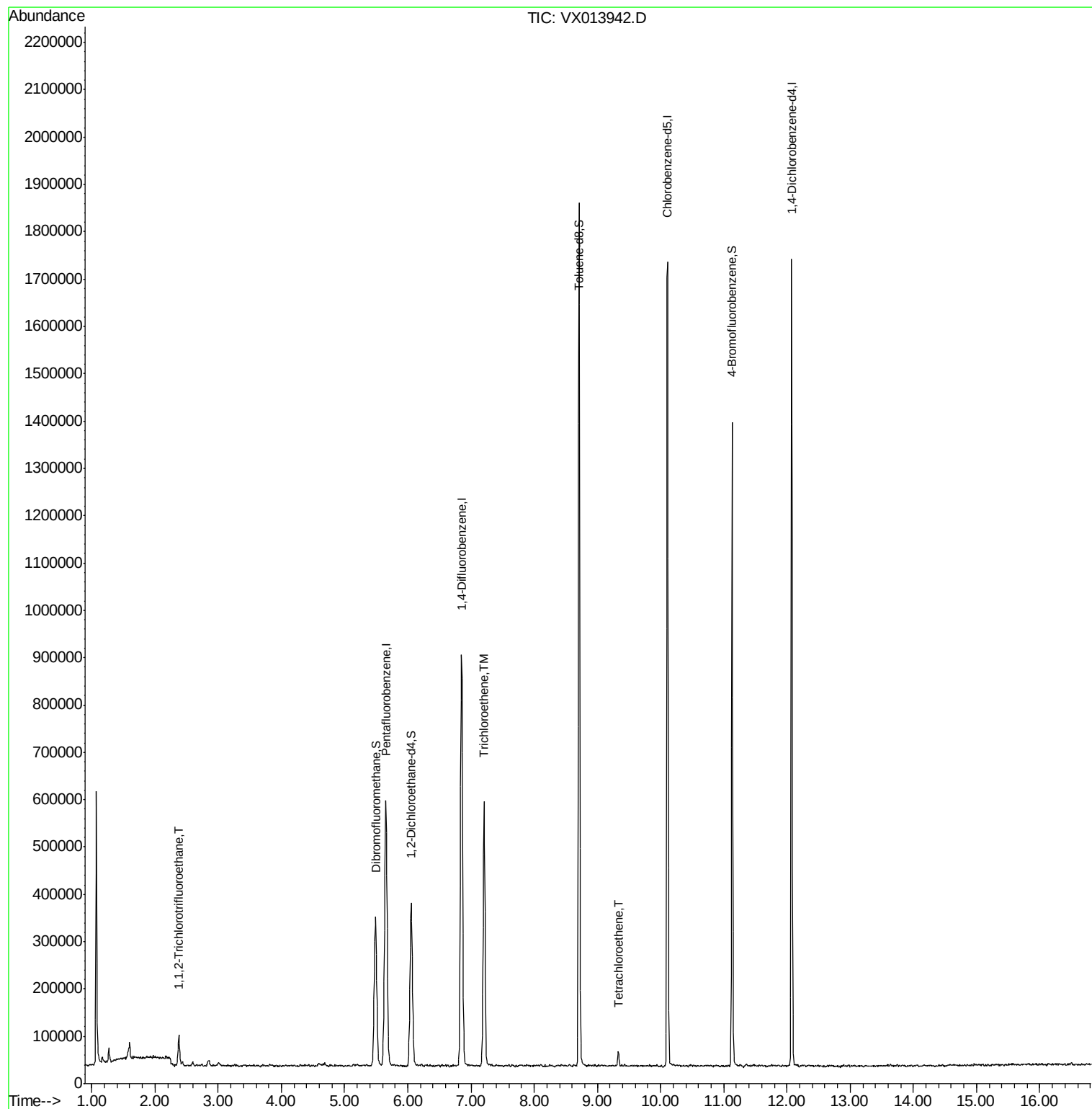
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	583445	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	895774	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	795147	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	343325	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	330436	48.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.58%	
35) Dibromofluoromethane	5.49	113	267120	48.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.48%	
50) Toluene-d8	8.71	98	1065117	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
62) 4-Bromofluorobenzene	11.14	95	351482	45.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.36%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.37	101	25767	4.632	ug/l	97
44) Trichloroethene	7.20	130	223251	32.846	ug/l	98
64) Tetrachloroethene	9.33	164	6811	1.149	ug/l	96

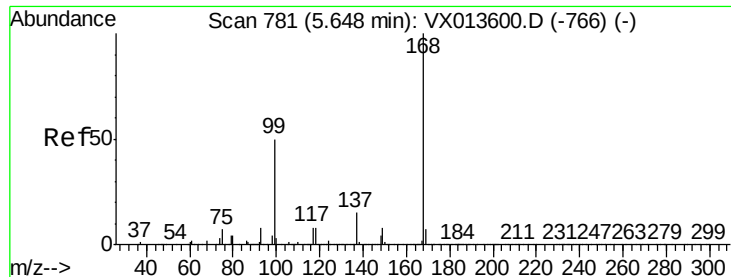
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013942.D

Acq: 11 Dec 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

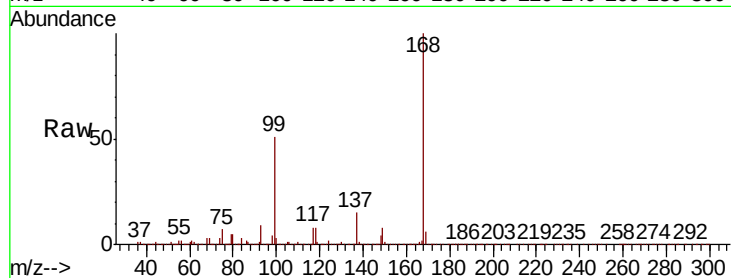
RE125D3-20191205DL

Tot Ion:168 Resp: 583445

Ion Ratio Lower Upper

168 100

99 50.5 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

200000

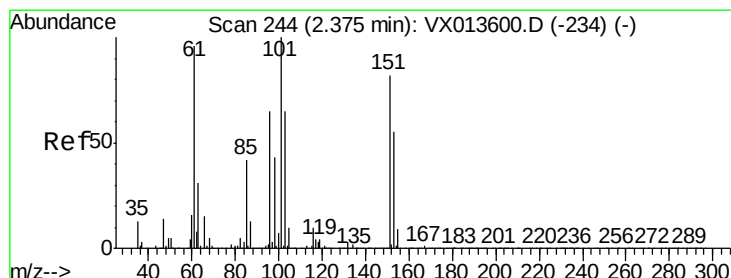
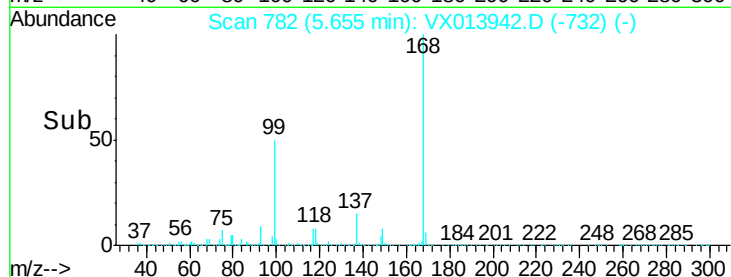
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 4.632 ug/l

RT: 2.37 min Scan# 244

Delta R.T. 0.00 min

Lab File: VX013942.D

Acq: 11 Dec 2019 14:21

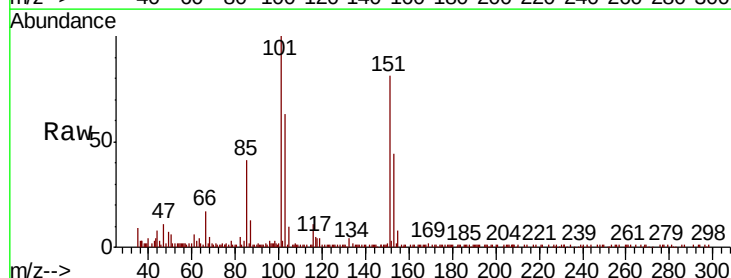
Tgt Ion:101 Resp: 25767

Ion Ratio Lower Upper

101 100

85 44.4 33.9 50.9

151 82.4 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

20000

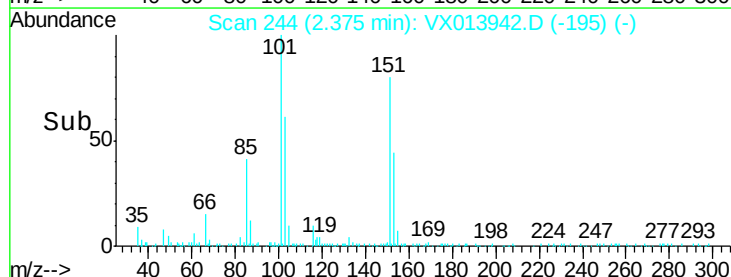
15000

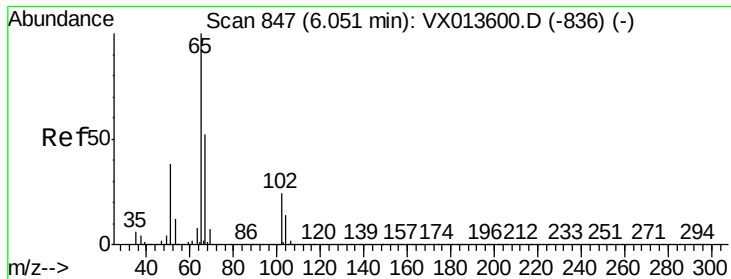
10000

5000

0

Time-->

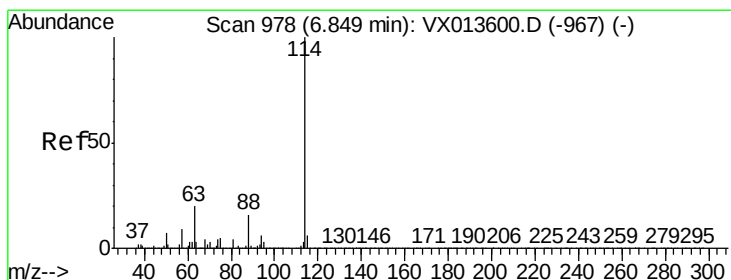
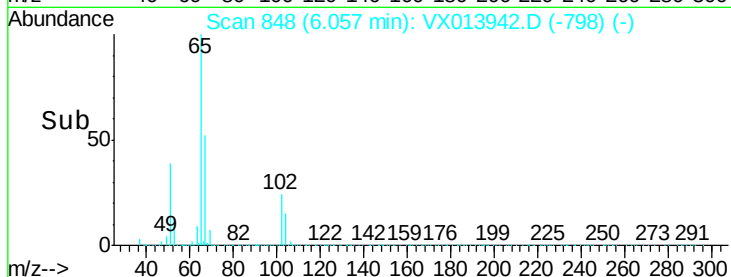
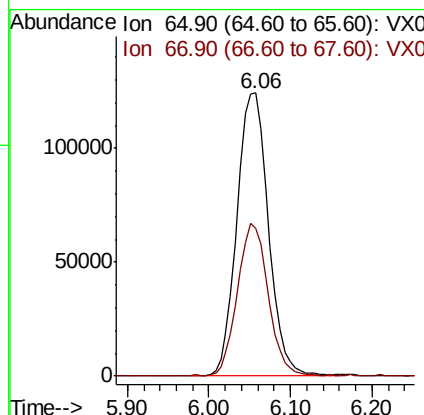
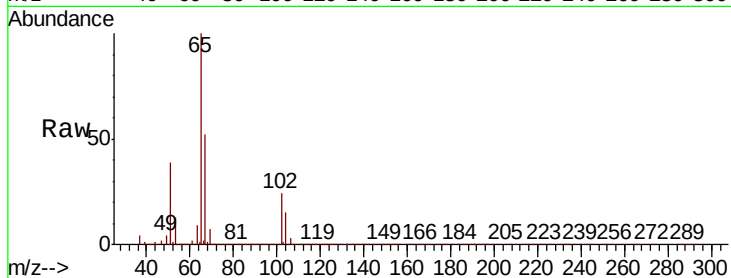




#33
 1,2-Dichloroethane-d4
 Concen: 48.791 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013942.D
 Acq: 11 Dec 2019 14:21

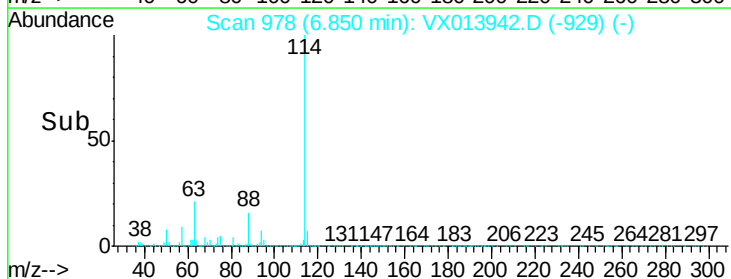
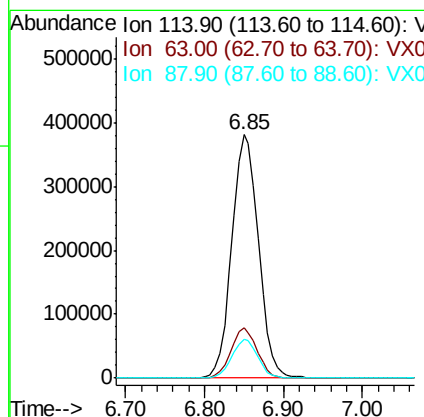
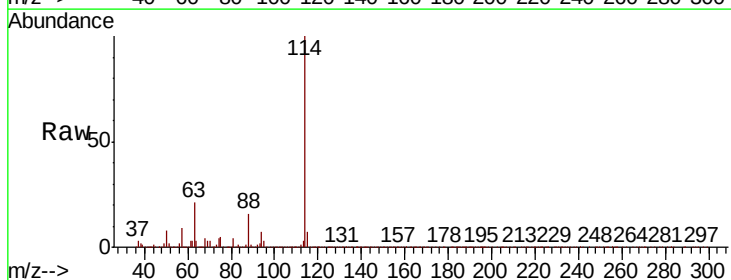
Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20191205DL

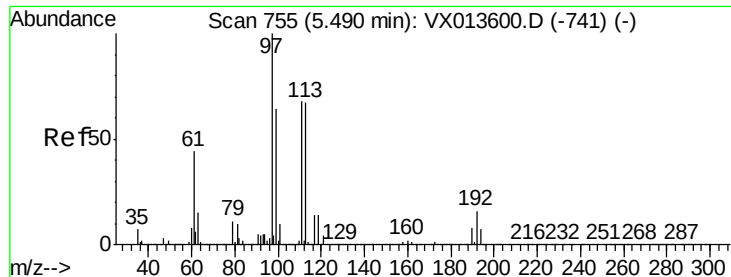
Tot Ion: 65 Resp: 330436
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013942.D
 Acq: 11 Dec 2019 14:21

Tgt Ion: 114 Resp: 895774
 Ion Ratio Lower Upper
 114 100
 63 20.6 0.0 39.6
 88 15.7 0.0 31.4

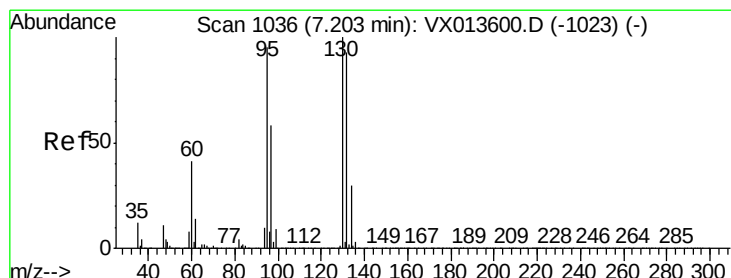
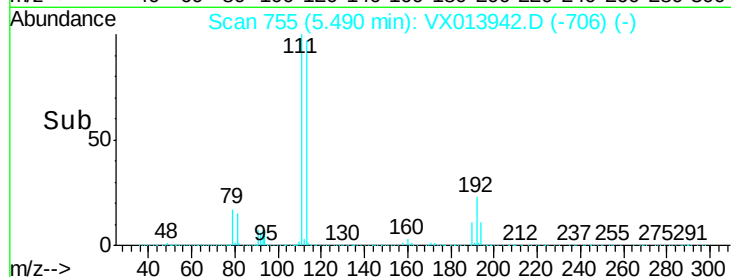
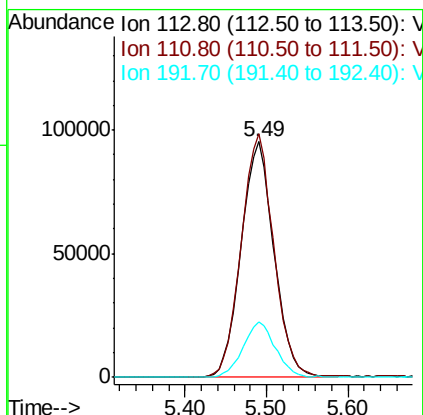
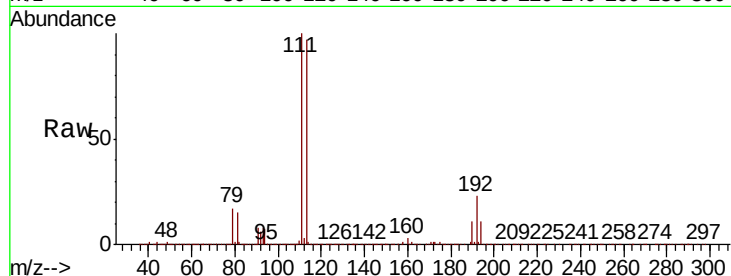




#35
Dibromofluoromethane
Concen: 48.236 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX013942.D
Acq: 11 Dec 2019 14:21

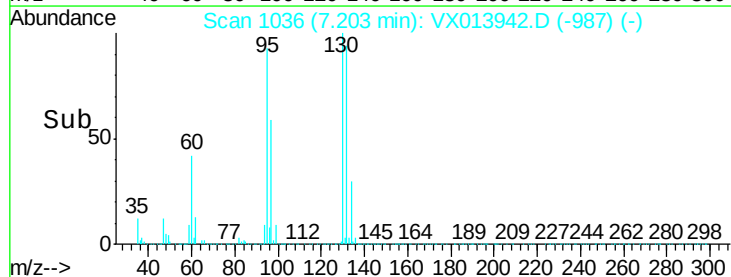
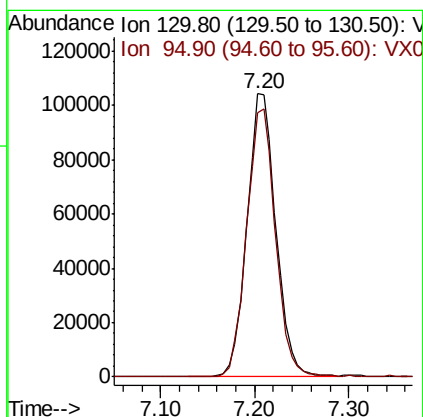
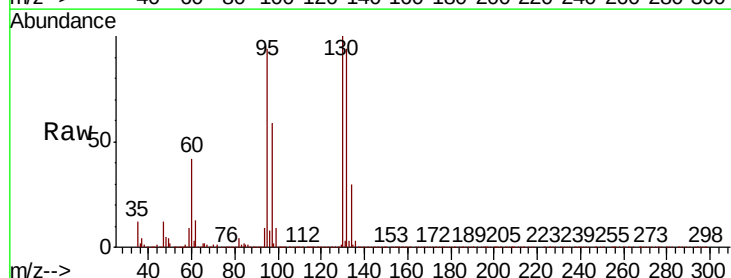
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20191205DL

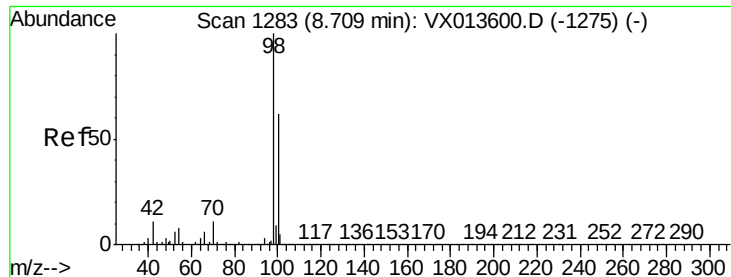
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.8	83.6	125.4
192	23.2	19.2	28.8



#44
Trichloroethene
Concen: 32.846 ug/l
RT: 7.20 min Scan# 1036
Delta R.T. 0.00 min
Lab File: VX013942.D
Acq: 11 Dec 2019 14:21

Tgt Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	190.8





#50

Toluene-d8

Concen: 49.366 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX013942.D

Acq: 11 Dec 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

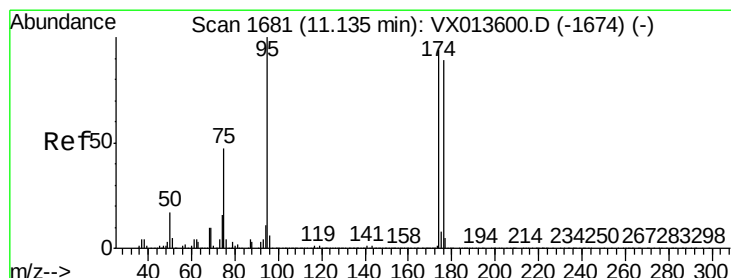
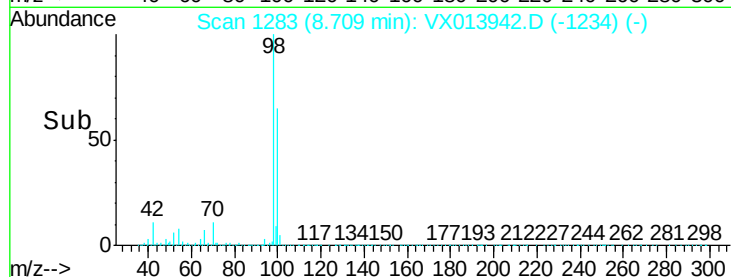
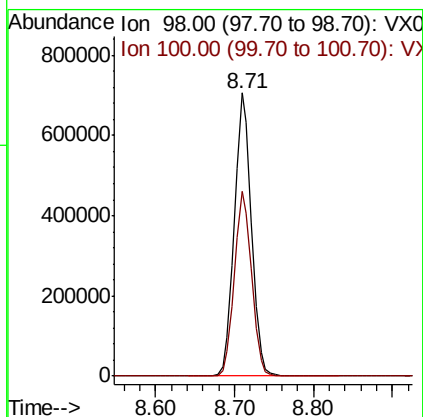
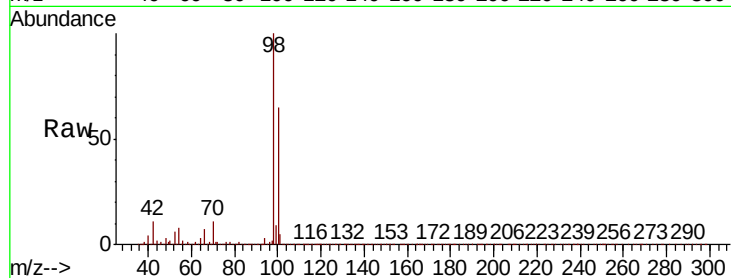
RE125D3-20191205DL

Tot Ion: 98 Resp: 1065117

Ion Ratio Lower Upper

98 100

100 65.8 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 45.176 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX013942.D

Acq: 11 Dec 2019 14:21

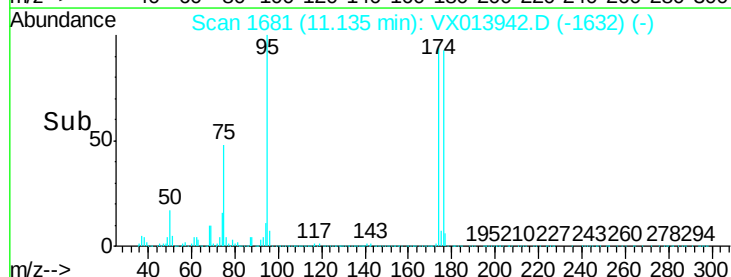
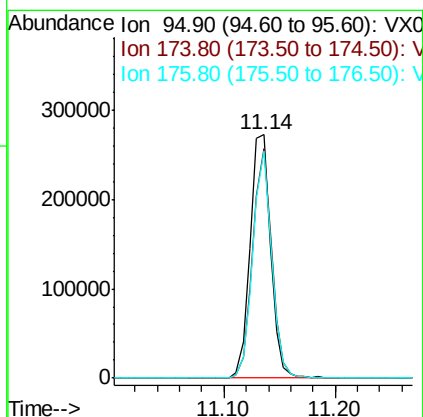
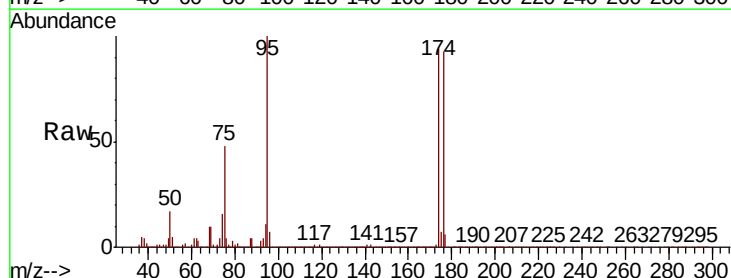
Tgt Ion: 95 Resp: 351482

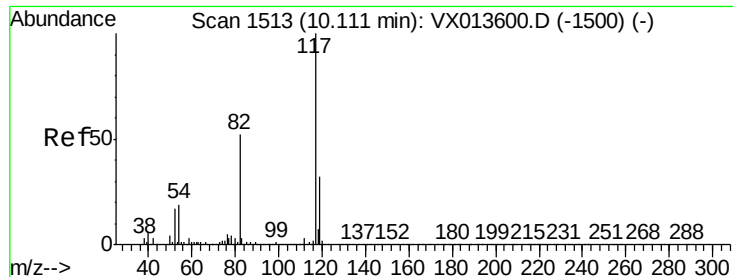
Ion Ratio Lower Upper

95 100

174 88.1 0.0 180.0

176 85.9 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: VX013942.D

Acq: 11 Dec 2019 14:21

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20191205DL

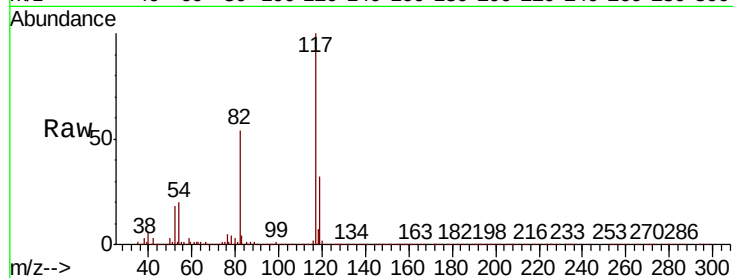
Tot Ion:117 Resp: 795147

Ion Ratio Lower Upper

117 100

82 53.6 41.8 62.8

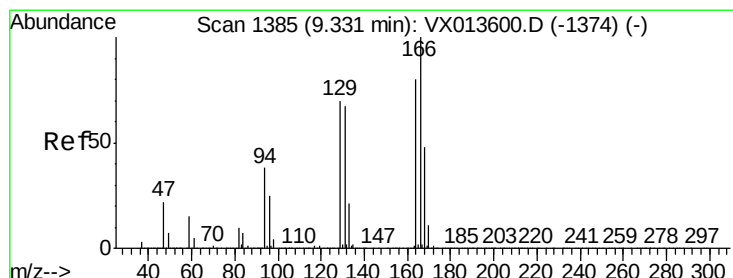
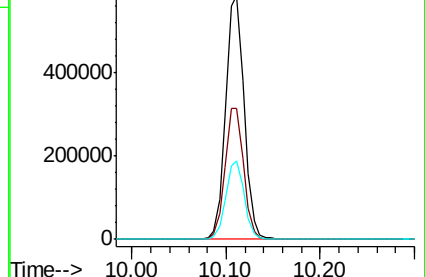
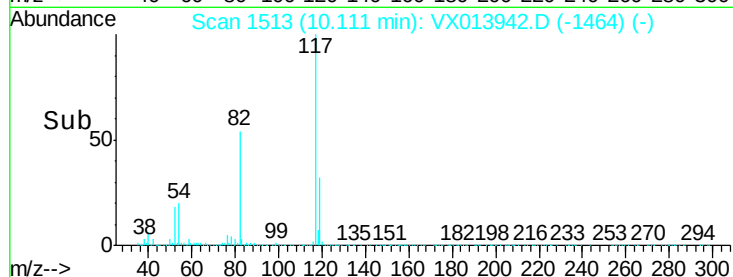
119 32.5 25.8 38.8



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: 1.149 ug/l

RT: 9.33 min Scan# 1385

Delta R.T. 0.00 min

Lab File: VX013942.D

Acq: 11 Dec 2019 14:21

Tgt Ion:164 Resp: 6811

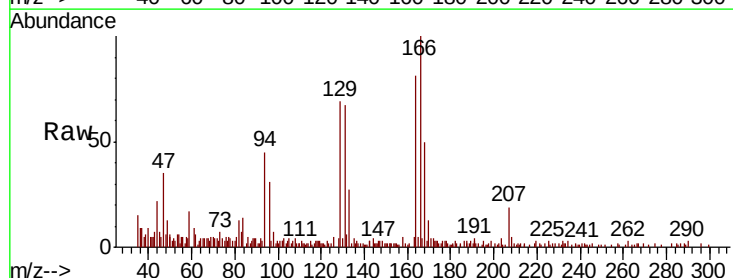
Ion Ratio Lower Upper

164 100

166 120.6 99.7 149.5

129 83.6 70.1 105.1

131 80.4 66.9 100.3

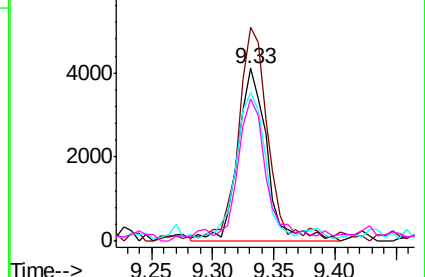
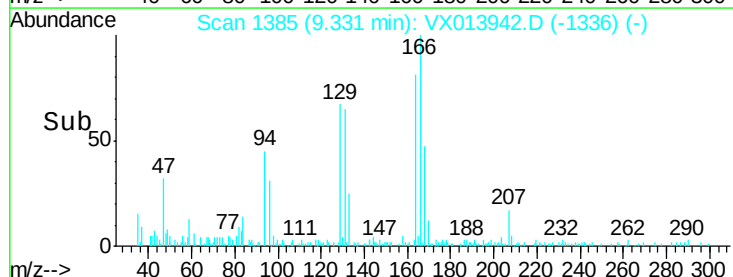


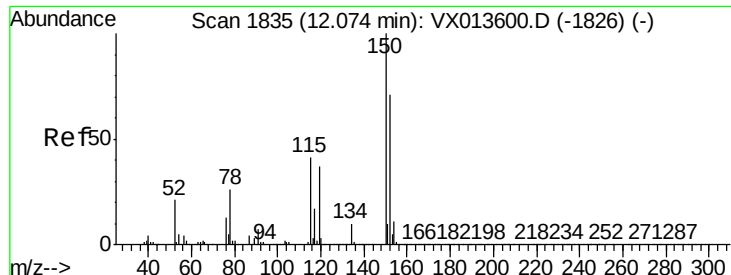
Abundance Ion 163.80 (163.50 to 164.50): V

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

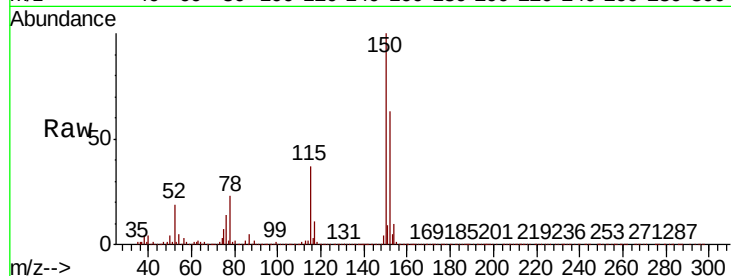




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX013942.D
 Acq: 11 Dec 2019 14:21

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20191205DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	57.1	38.4	115.1
150	157.9	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

