

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014094.D
 Acq On : 18 Dec 2019 14:14
 Operator : JC/SP
 Sample : K6252-04DL 50X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20191209DL

Quant Time: Dec 18 16:42:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

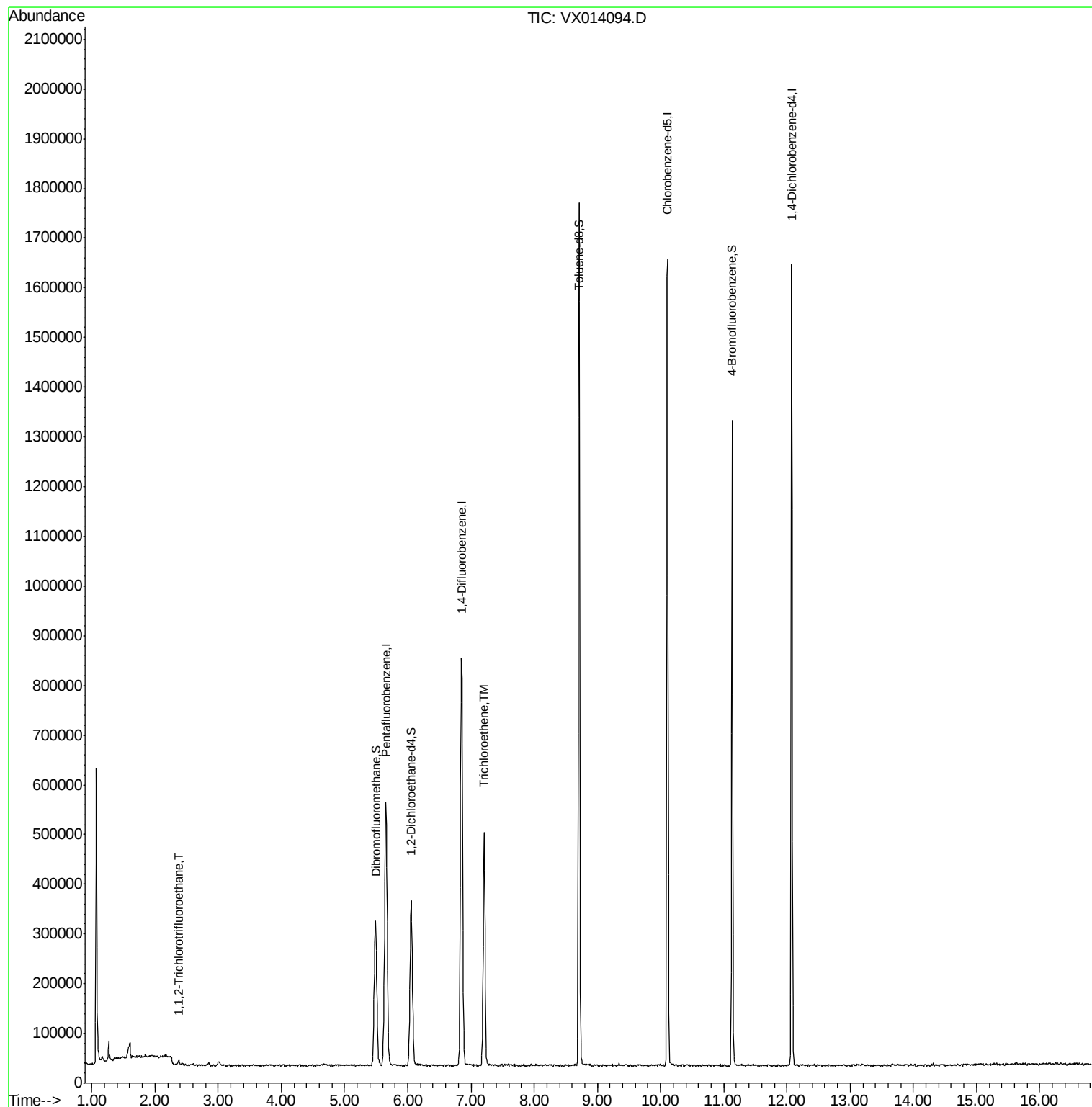
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	553228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	855111	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	763679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	338894	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	310762	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
35) Dibromofluoromethane	5.49	113	256640	49.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.74%	
50) Toluene-d8	8.71	98	1012188	50.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.04%	
62) 4-Bromofluorobenzene	11.13	95	336925	45.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.08%	
Target Compounds						
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3474	0.664	ug/l	95
44) Trichloroethene	7.21	130	188723	28.302	ug/l	97

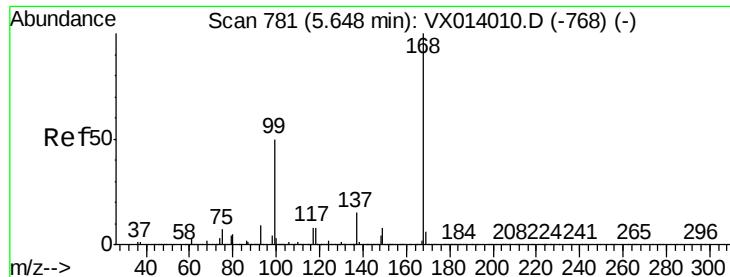
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 17 03:01:07 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: VX014094.D

Acq: 18 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

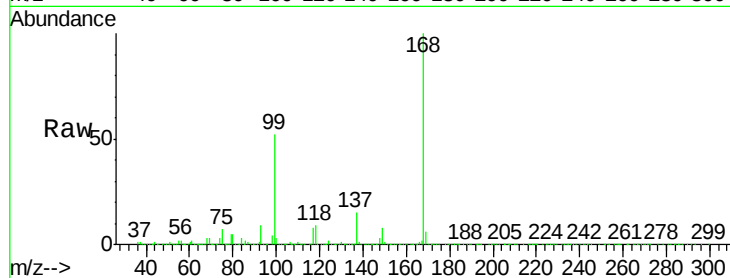
RE132D6-20191209DL

Tot Ion:168 Resp: 553228

Ion Ratio Lower Upper

168 100

99 52.2 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

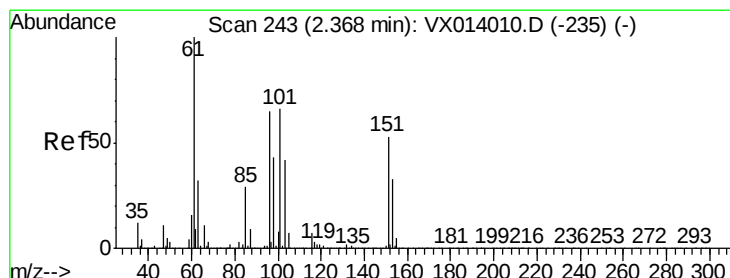
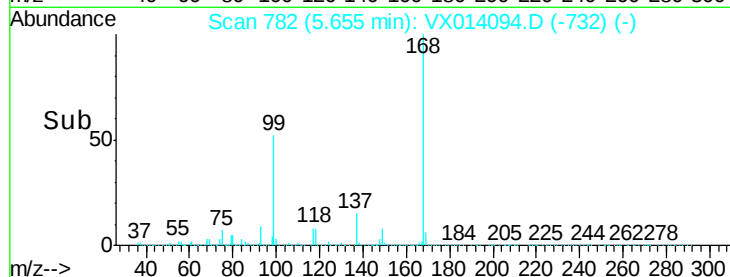
150000

100000

50000

0

Time-->



#9

1,1,2-Trichlorotrifluoroethane

Concen: 0.664 ug/l

RT: 2.38 min Scan# 245

Delta R.T. 0.01 min

Lab File: VX014094.D

Acq: 18 Dec 2019 14:14

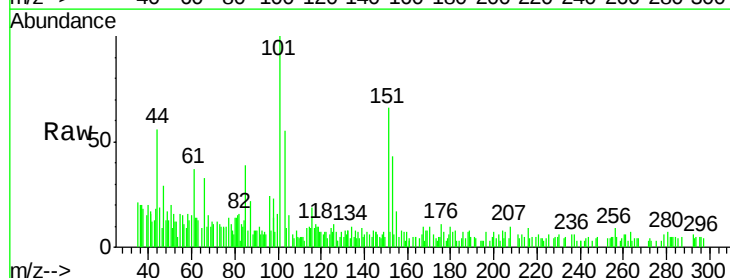
Tgt Ion:101 Resp: 3474

Ion Ratio Lower Upper

101 100

85 36.8 33.7 50.5

151 77.3 64.5 96.7



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

2500

2000

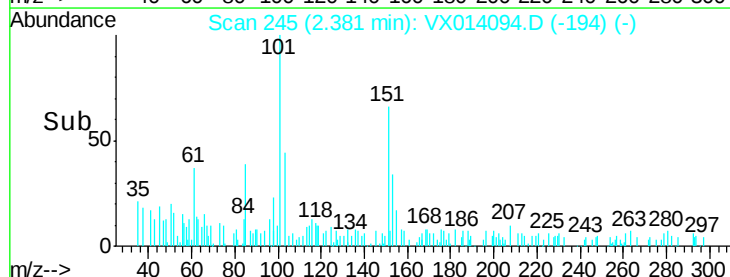
1500

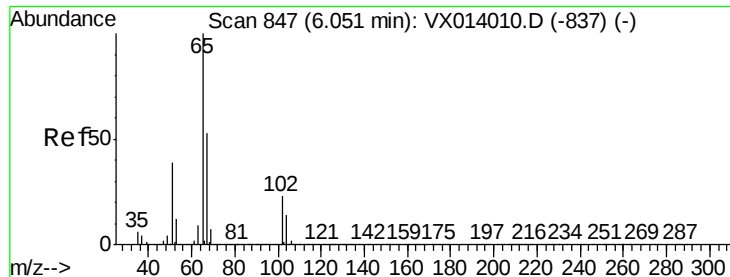
1000

500

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: 49.563 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014094.D

Acq: 18 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

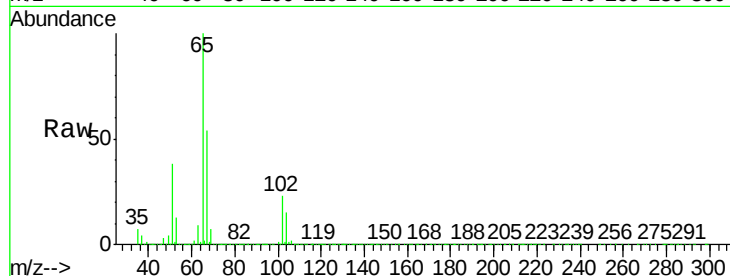
RE132D6-20191209DL

Tot Ion: 65 Resp: 310762

Ion Ratio Lower Upper

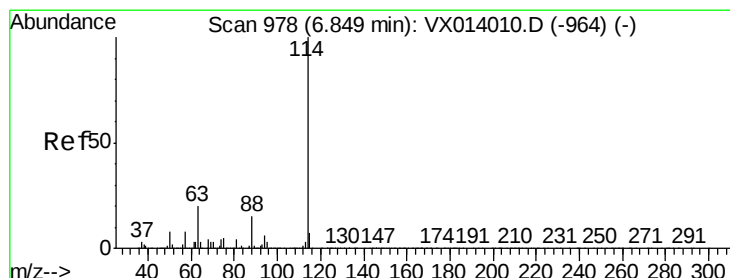
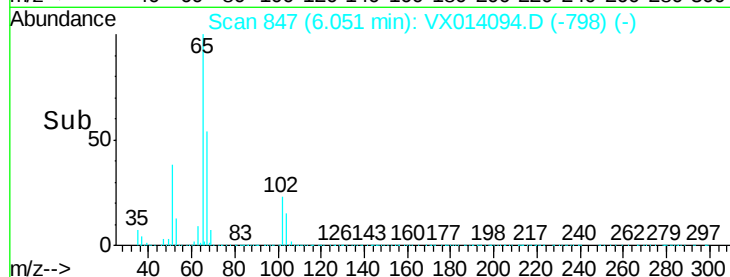
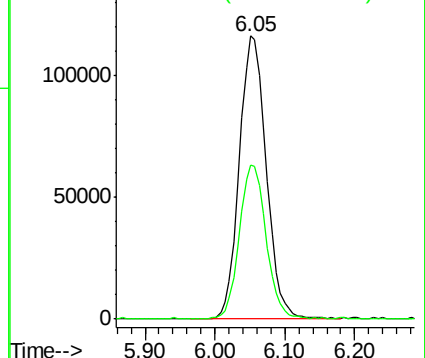
65 100

67 53.6 0.0 106.4



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: VX014094.D

Acq: 18 Dec 2019 14:14

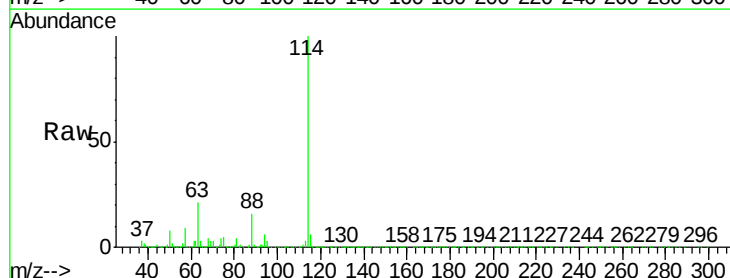
Tgt Ion: 114 Resp: 855111

Ion Ratio Lower Upper

114 100

63 20.5 0.0 40.8

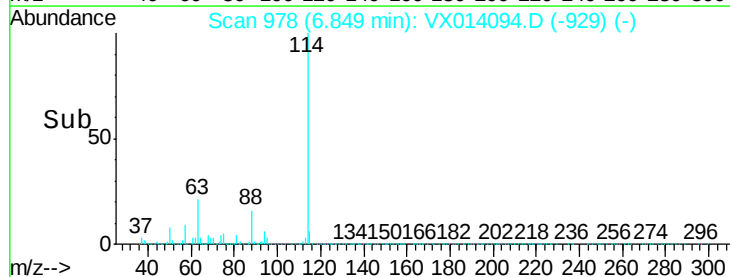
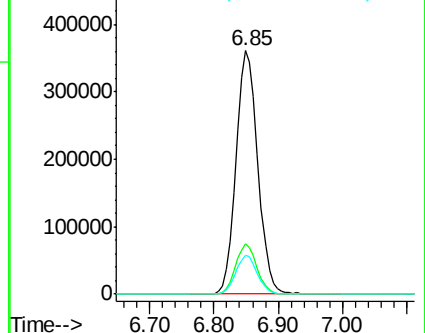
88 16.0 0.0 30.4

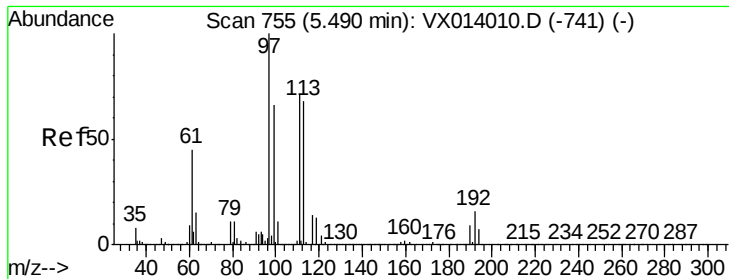


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

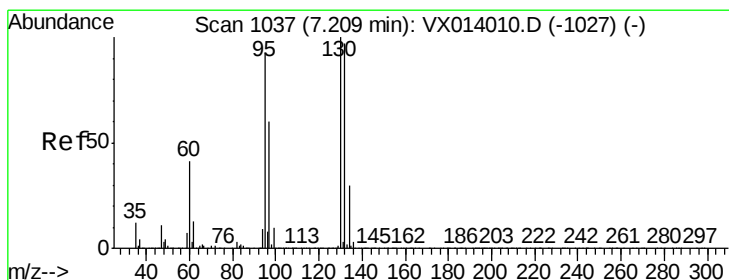
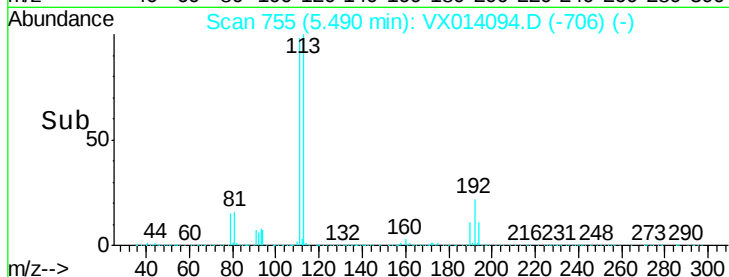
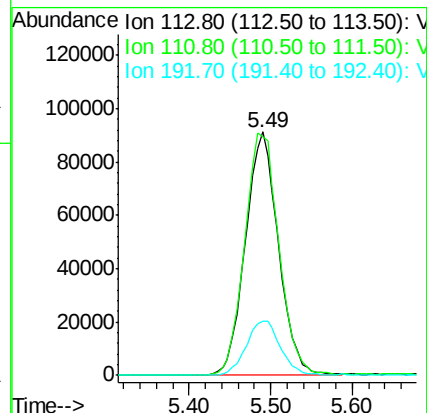
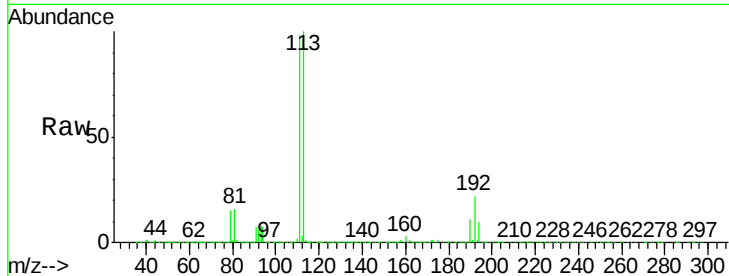




#35
 Dibromofluoromethane
 Concen: 49.372 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX014094.D
 Acq: 18 Dec 2019 14:14

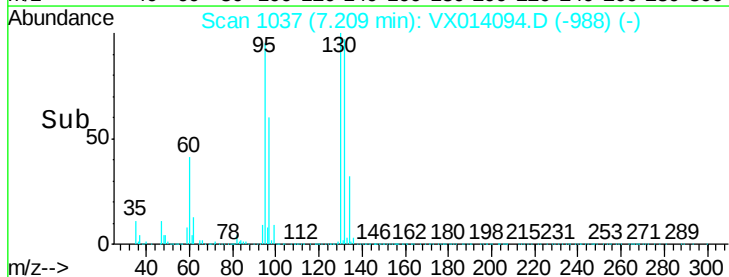
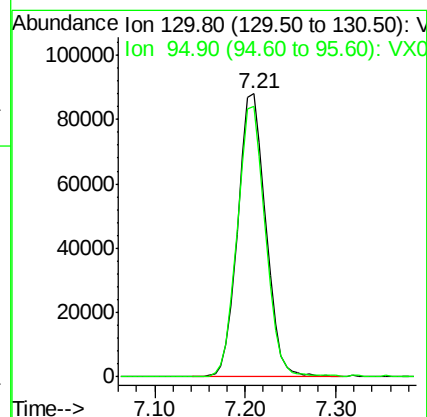
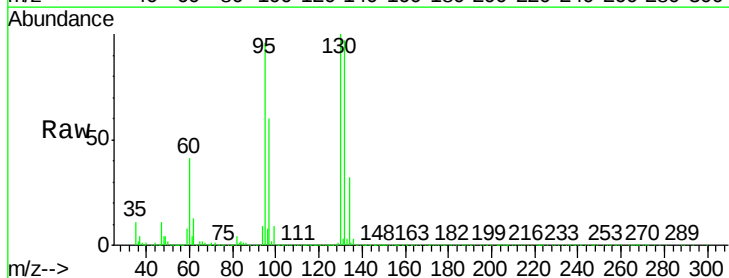
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20191209DL

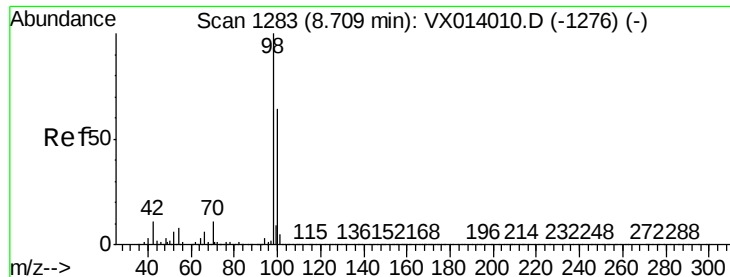
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.0	123.0
192	23.2	19.3	28.9



#44
 Trichloroethene
 Concen: 28.302 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: VX014094.D
 Acq: 18 Dec 2019 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.4	0.0	185.6





#50

Toluene-d8

Concen: 50.015 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014094.D

Acq: 18 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

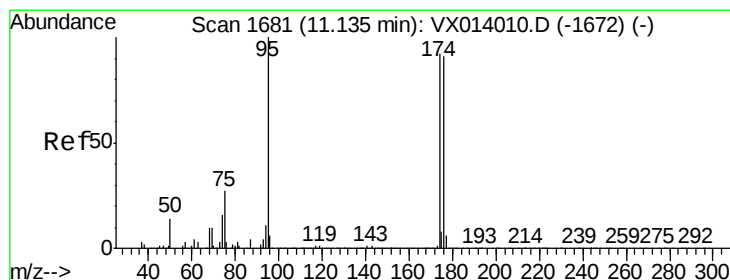
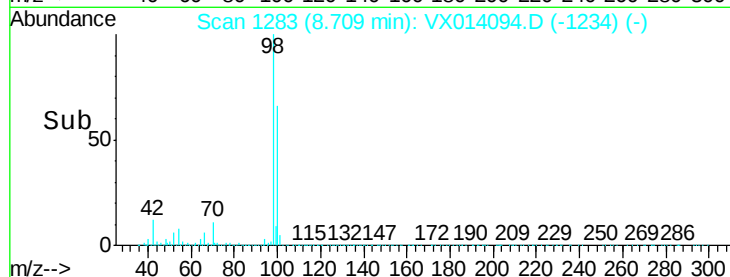
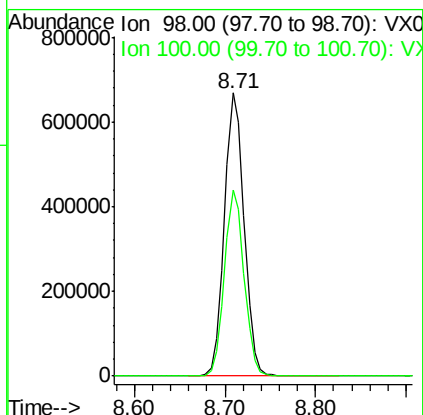
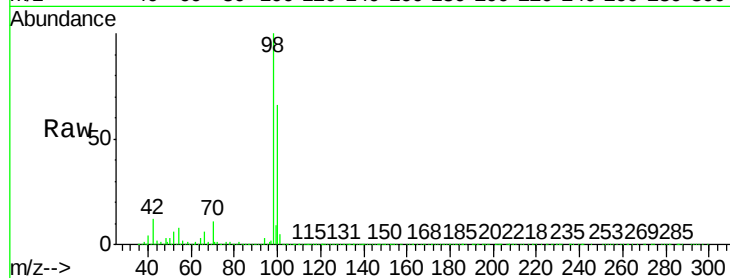
RE132D6-20191209DL

Tot Ion: 98 Resp: 1012188

Ion Ratio Lower Upper

98 100

100 65.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.544 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014094.D

Acq: 18 Dec 2019 14:14

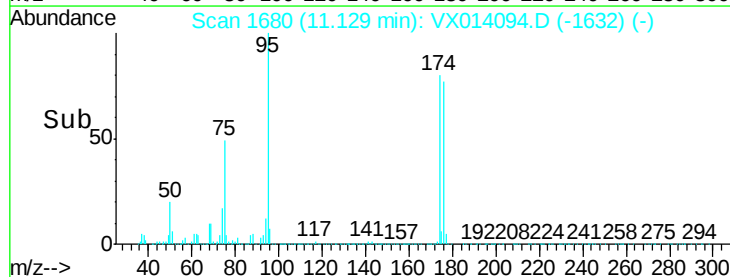
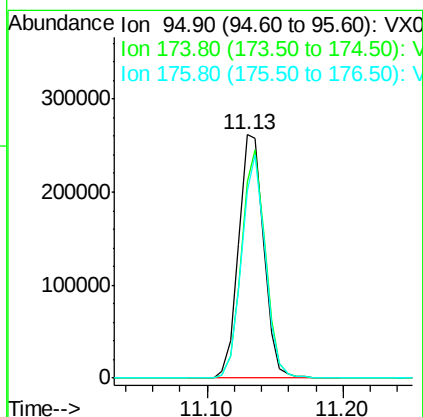
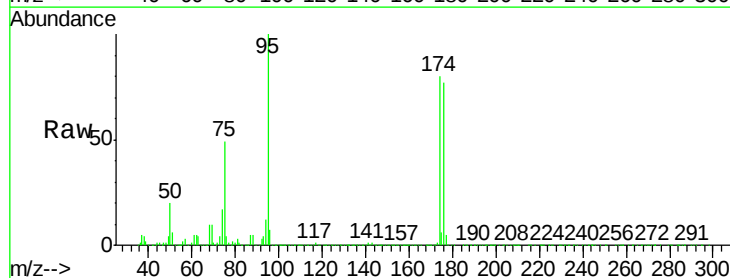
Tgt Ion: 95 Resp: 336925

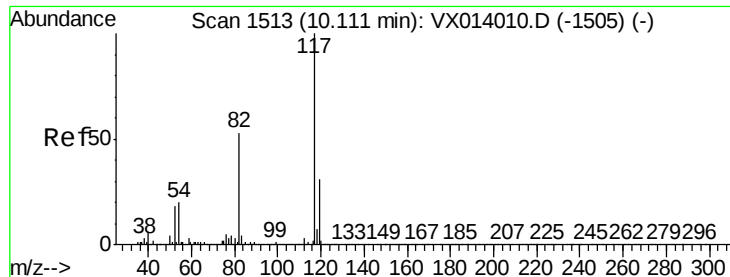
Ion Ratio Lower Upper

95 100

174 89.3 0.0 175.8

176 86.4 0.0 173.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX014094.D

Acq: 18 Dec 2019 14:14

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20191209DL

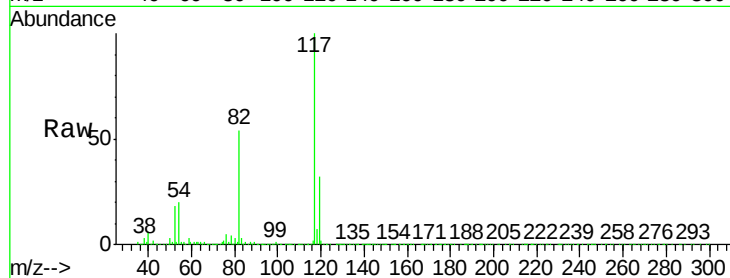
Tot Ion:117 Resp: 763679

Ion Ratio Lower Upper

117 100

82 54.0 42.2 63.4

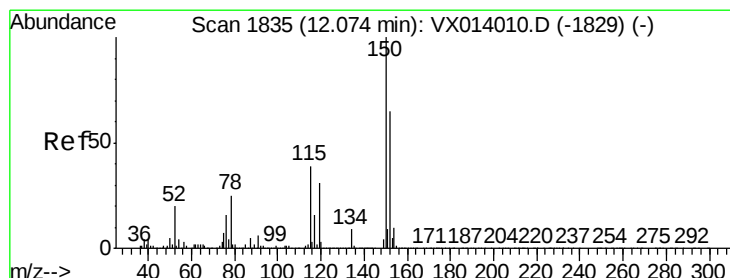
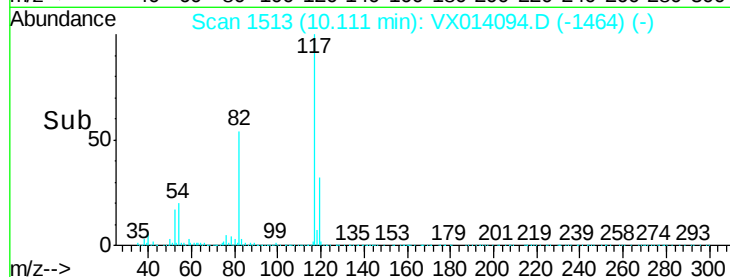
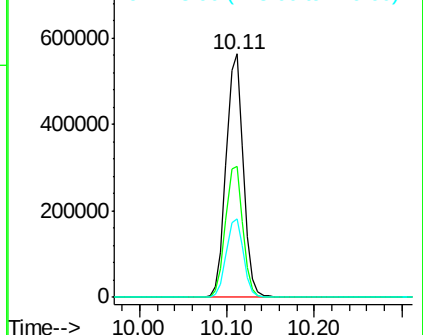
119 32.2 25.1 37.7



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

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: VX014094.D

Acq: 18 Dec 2019 14:14

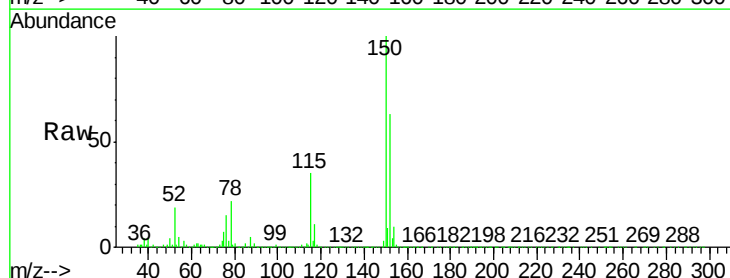
Tgt Ion:152 Resp: 338894

Ion Ratio Lower Upper

152 100

115 54.5 38.3 114.9

150 155.4 0.0 345.4



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

