

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091819\
 Data File : VX012481.D
 Acq On : 18 Sep 2019 18:08
 Operator : JC/SP
 Sample : K4858-06DL 200X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE122D2-20190909DL

Quant Time: Sep 19 07:40:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091719W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 17 15:27:10 2019
 Response via : Initial Calibration

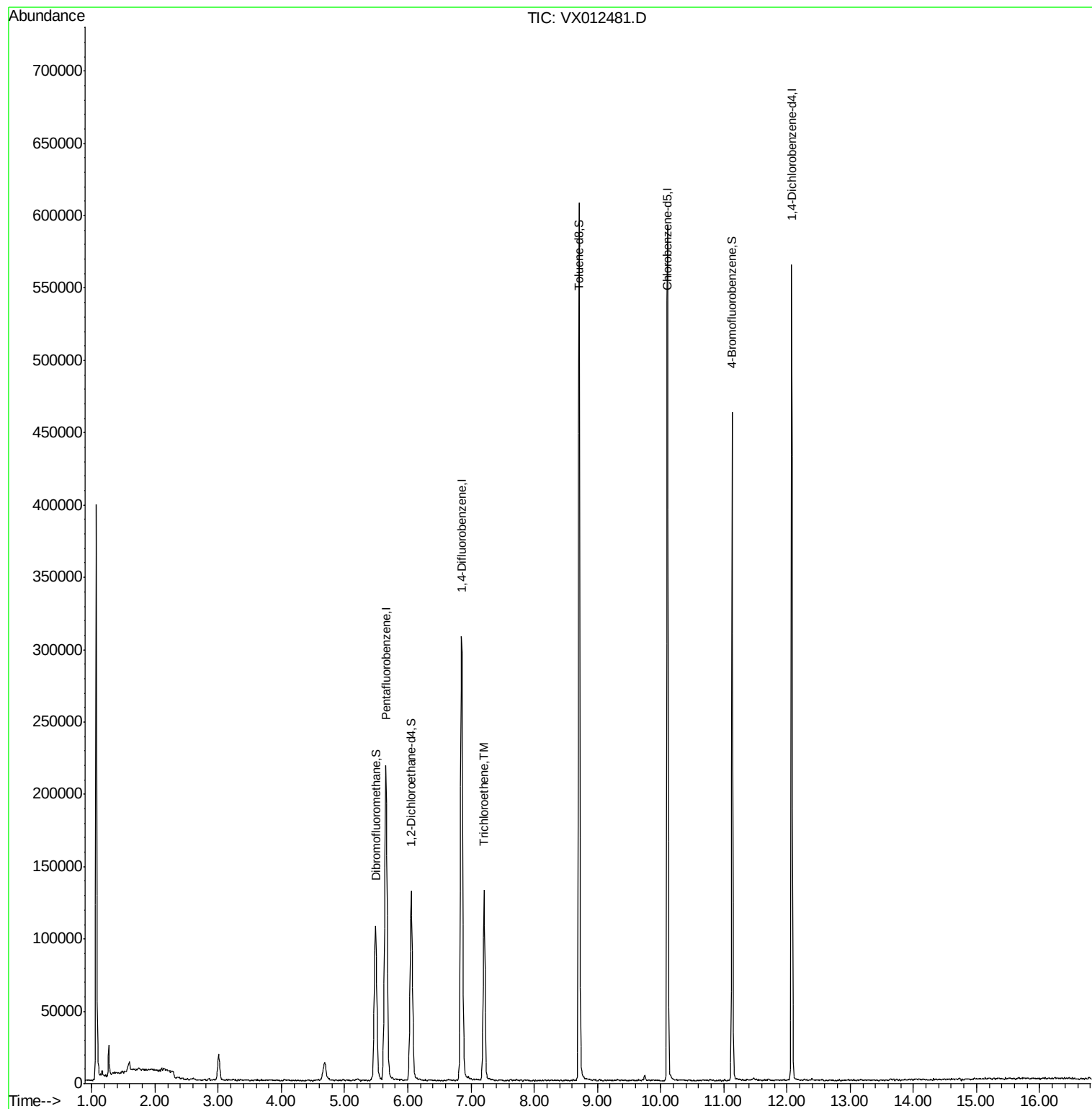
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	191673	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	299715	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	257827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	108977	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	128349	46.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.44%	
35) Dibromofluoromethane	5.49	113	92193	50.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.64%	
50) Toluene-d8	8.71	98	348854	51.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.90%	
62) 4-Bromofluorobenzene	11.14	95	126661	45.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.86%	
Target Compounds						
44) Trichloroethene	7.21	130	47706	31.309	ug/l	Qvalue 94

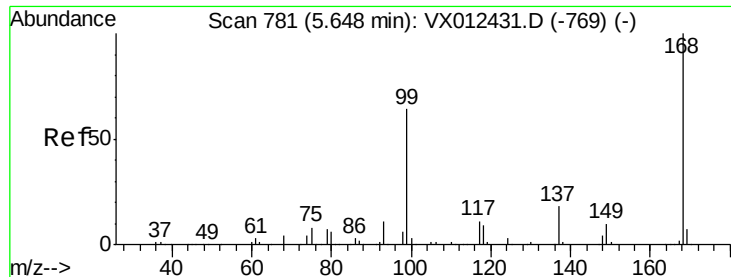
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Sep 17 15:27:10 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012481.D

Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

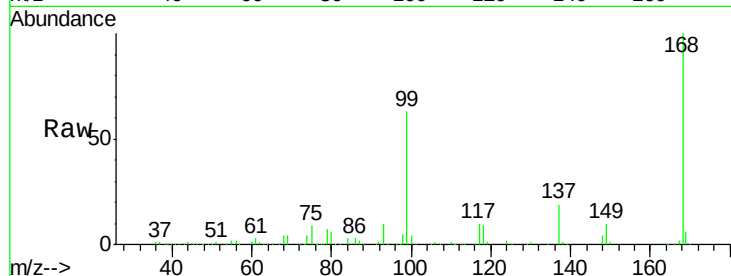
RE122D2-20190909DL

Tot Ion:168 Resp: 191673

Ion Ratio Lower Upper

168 100

99 62.5 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

80000

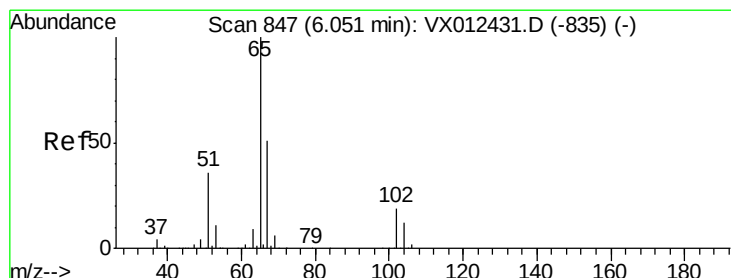
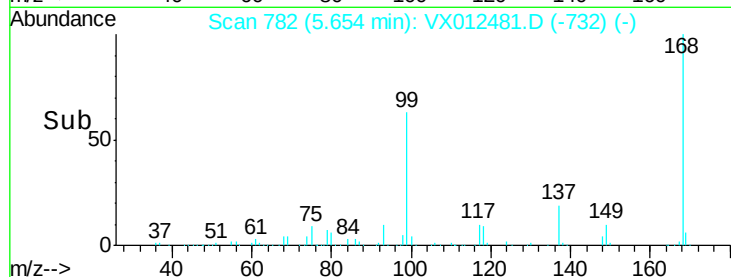
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: 46.722 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012481.D

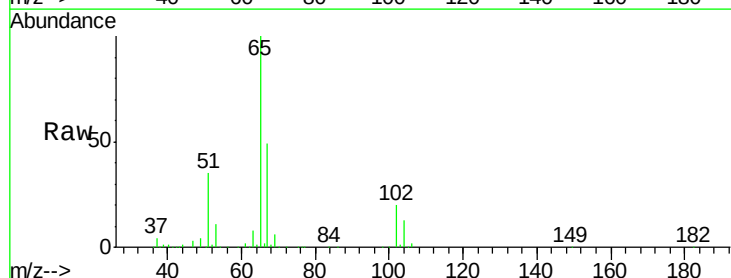
Acq: 18 Sep 2019 18:08

Tgt Ion: 65 Resp: 128349

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

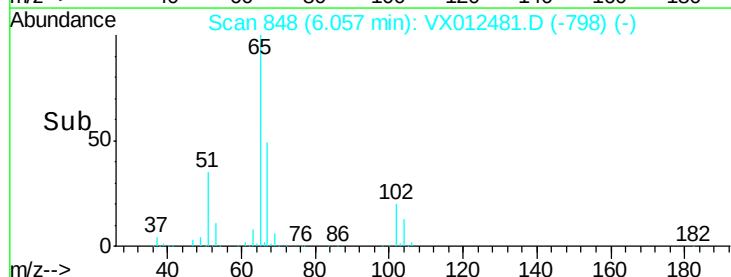
30000

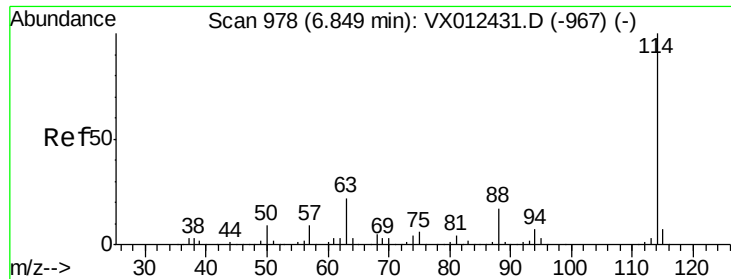
20000

10000

0

Time--> 5.90 6.00 6.10 6.20

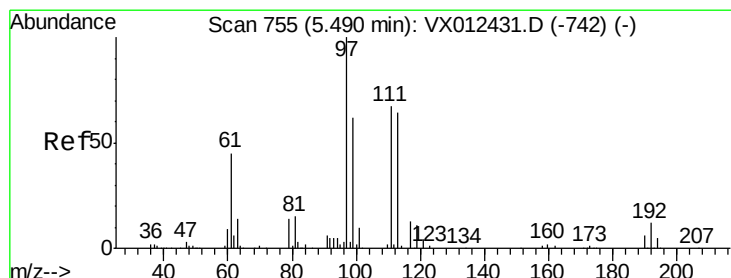
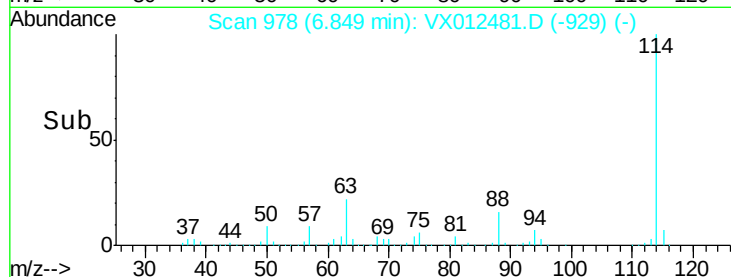
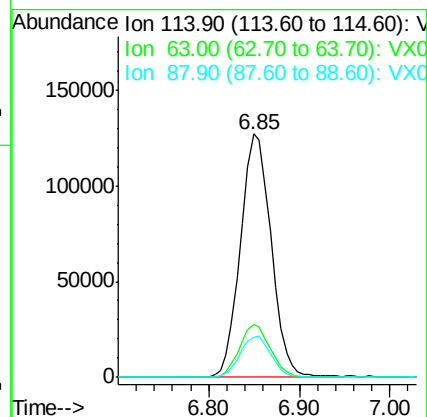
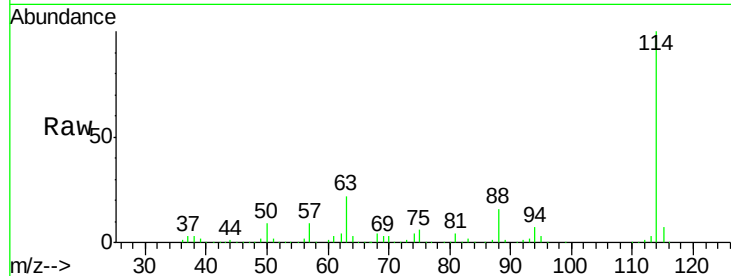




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX012481.D
Acq: 18 Sep 2019 18:08

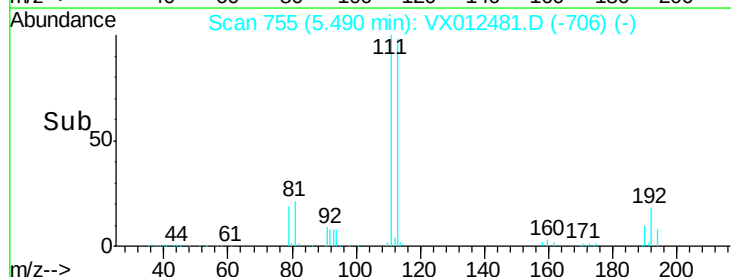
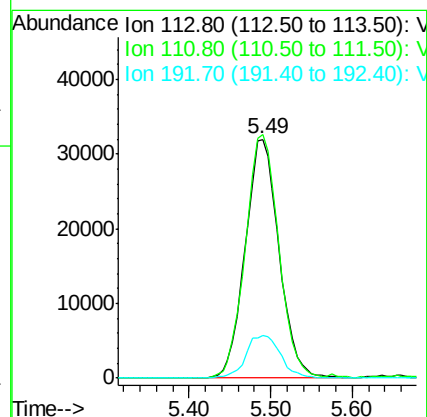
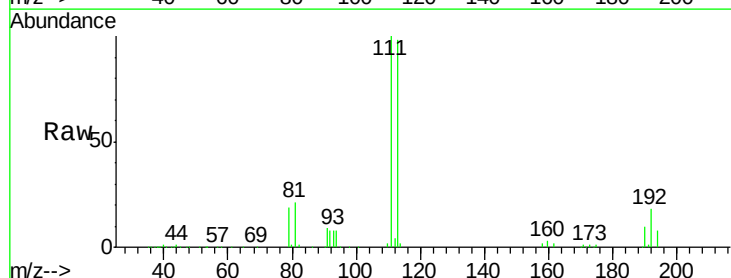
Instrument :
MSVOA_X
ClientSampleId :
RE122D2-20190909DL

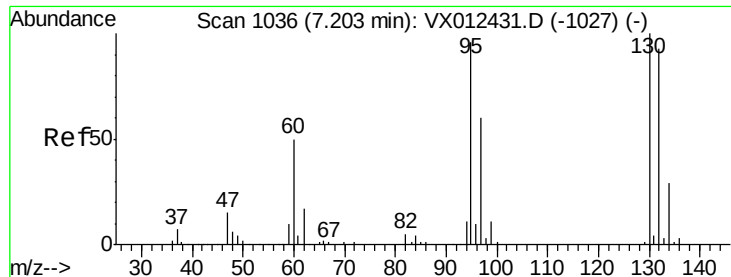
Tot Ion:114 Resp: 299715
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 50.822 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012481.D
Acq: 18 Sep 2019 18:08

Tgt Ion:113 Resp: 92193
Ion Ratio Lower Upper
113 100
111 100.8 83.4 125.2
192 18.4 14.4 21.6





#44

Trichloroethene

Concen: 31.309 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX012481.D

Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

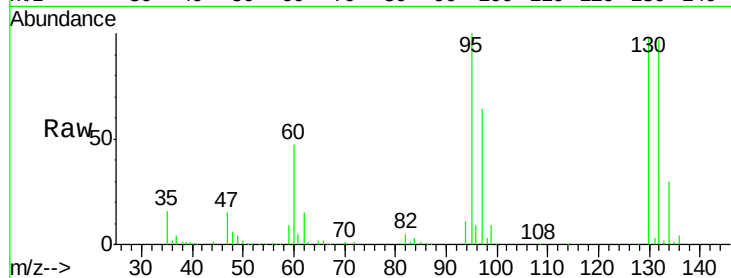
RE122D2-20190909DL

Tot Ion:130 Resp: 47706

Ion Ratio Lower Upper

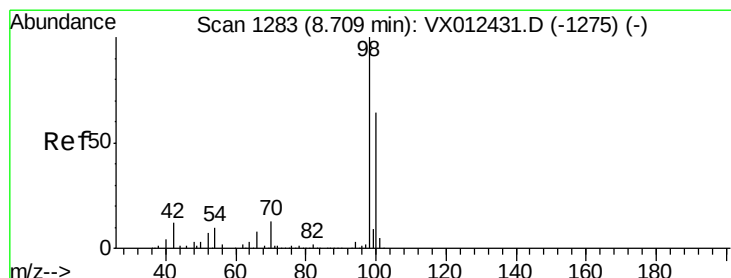
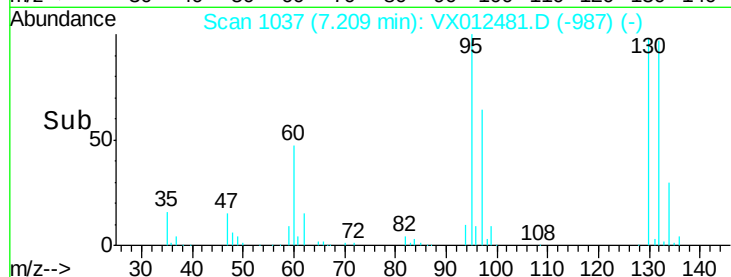
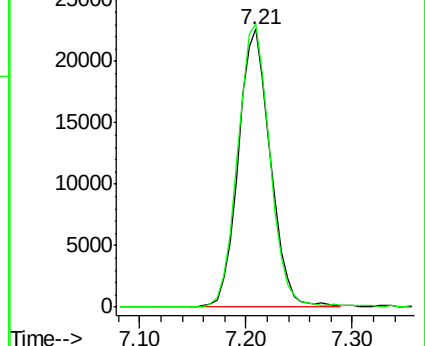
130 100

95 101.9 0.0 193.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.955 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012481.D

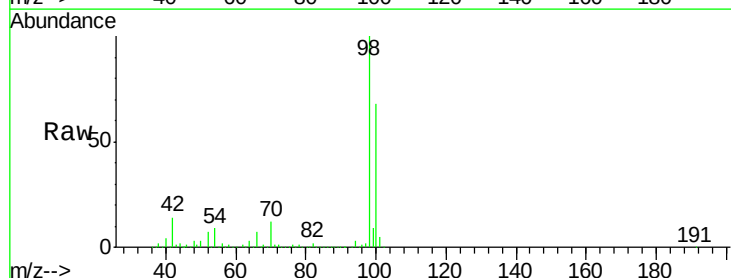
Acq: 18 Sep 2019 18:08

Tgt Ion: 98 Resp: 348854

Ion Ratio Lower Upper

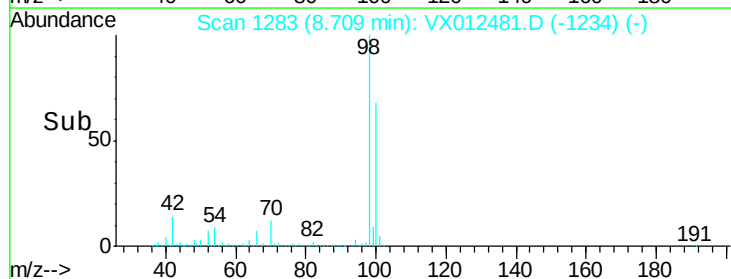
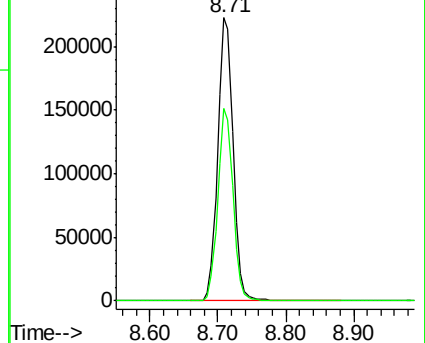
98 100

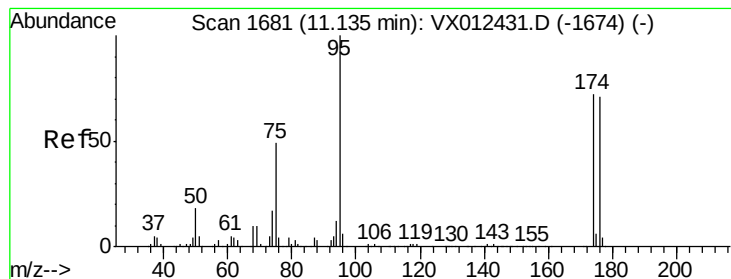
100 67.0 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.431 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012481.D

Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909DL

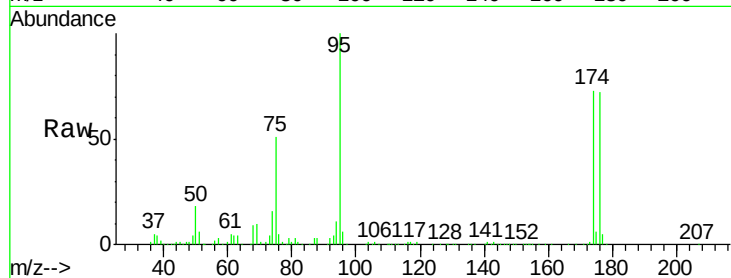
Tot Ion: 95 Resp: 126661

Ion Ratio Lower Upper

95 100

174 72.3 0.0 140.0

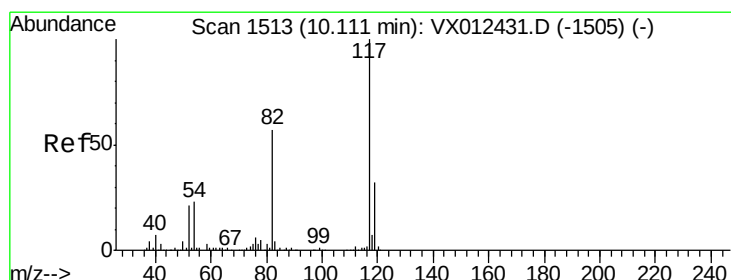
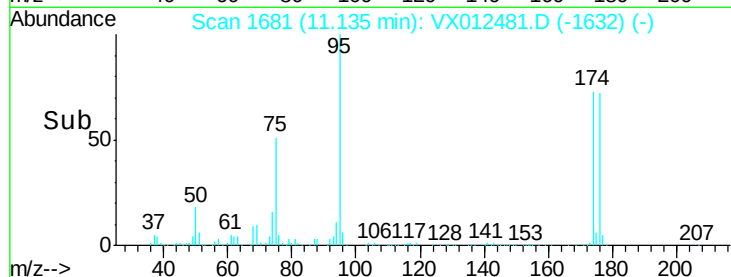
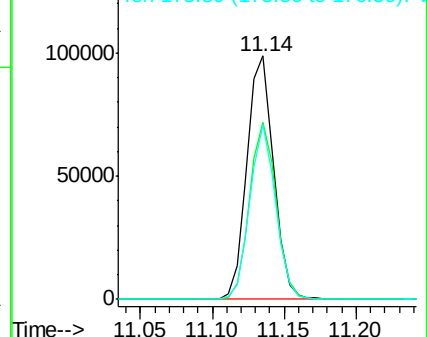
176 69.4 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012481.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012481.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012481.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012481.D

Acq: 18 Sep 2019 18:08

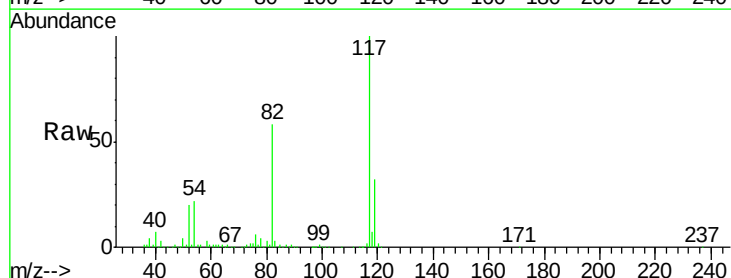
Tgt Ion: 117 Resp: 257827

Ion Ratio Lower Upper

117 100

82 57.9 45.9 68.9

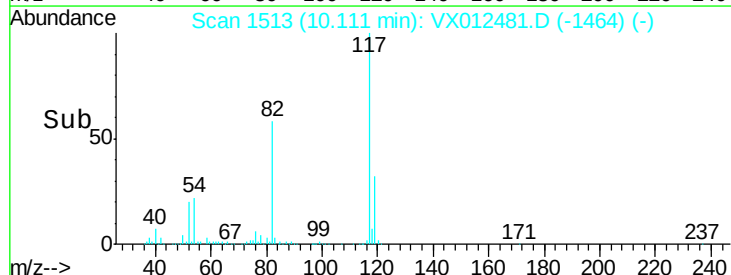
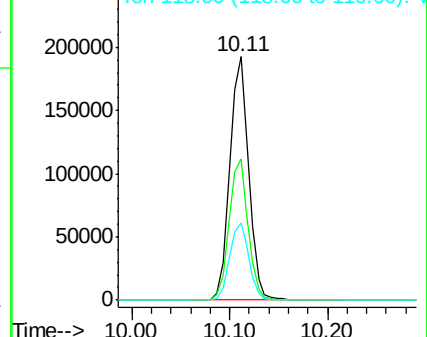
119 32.0 25.3 37.9

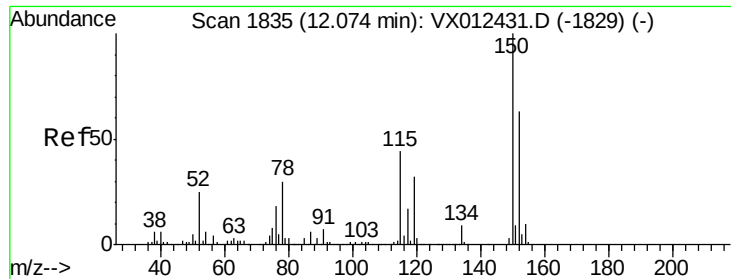


Abundance Ion 116.90 (116.60 to 117.60): VX012481.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012481.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012481.D (-1464) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012481.D

Acq: 18 Sep 2019 18:08

Instrument :

MSVOA_X

ClientSampleId :

RE122D2-20190909DL

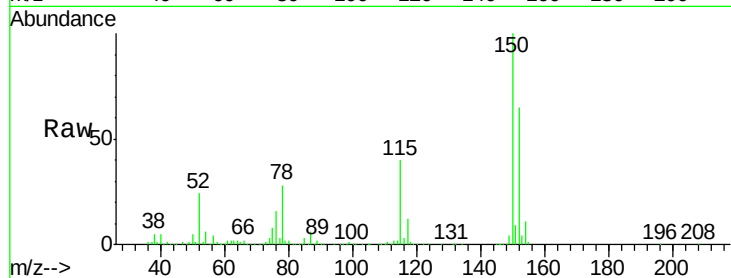
Tot Ion:152 Resp: 108977

Ion Ratio Lower Upper

152 100

115 62.3 44.1 132.3

150 158.2 0.0 343.8



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

