

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100419\
 Data File : VX012810.D
 Acq On : 04 Oct 2019 14:38
 Operator : JC/SP
 Sample : K5189-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ133I-20190930

Quant Time: Oct 05 05:26:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

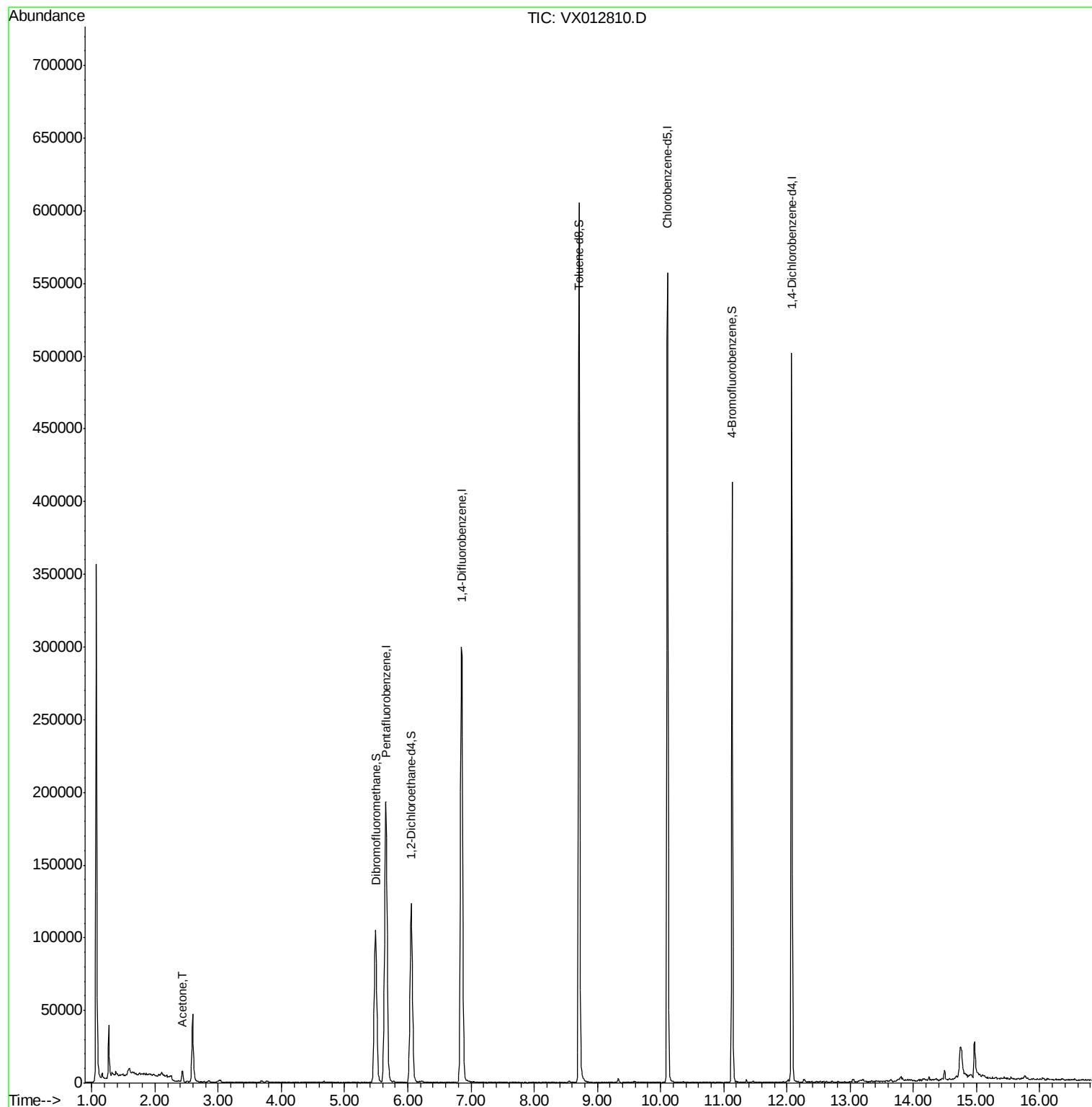
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	175761	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	302119	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	254630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	94394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	119835	46.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.64%	
35) Dibromofluoromethane	5.49	113	92046	51.16	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.32%	
50) Toluene-d8	8.71	98	356443	51.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.88%	
62) 4-Bromofluorobenzene	11.13	95	118214	43.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.78%	
Target Compounds						
16) Acetone	2.44	43	7915	5.838	ug/l	Qvalue 99

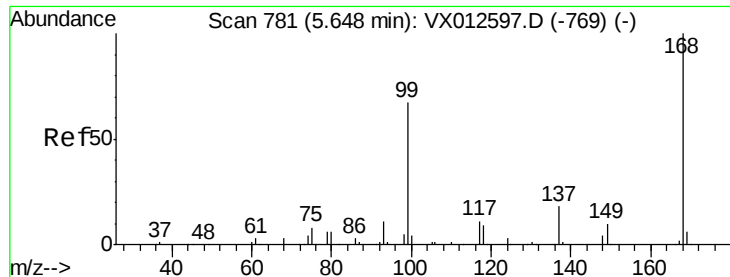
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012810.D

Acq: 04 Oct 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

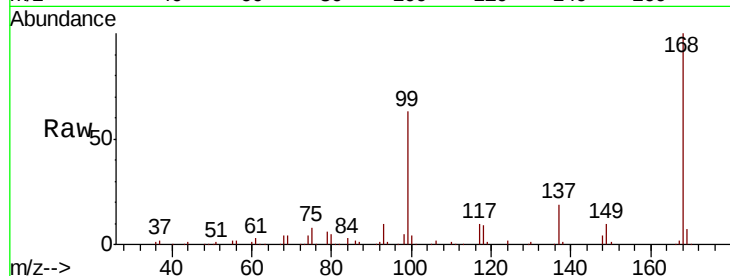
SA-PZ133I-20190930

Tot Ion:168 Resp: 175761

Ion Ratio Lower Upper

168 100

99 62.8 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

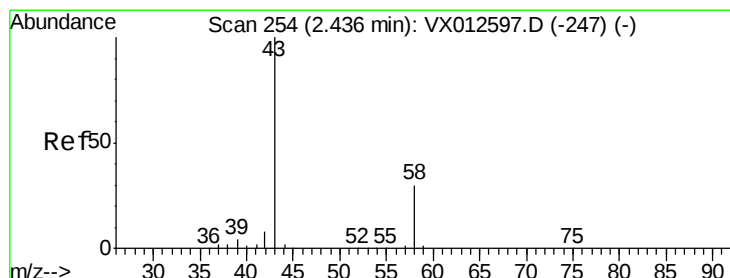
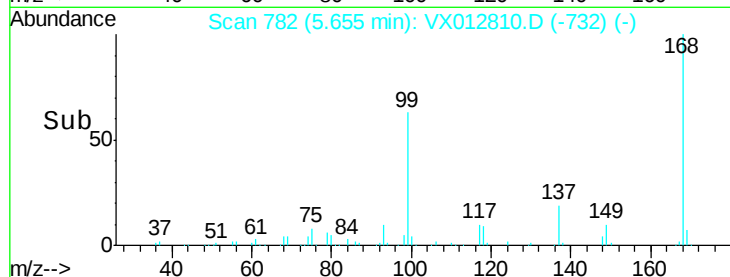
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 5.838 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012810.D

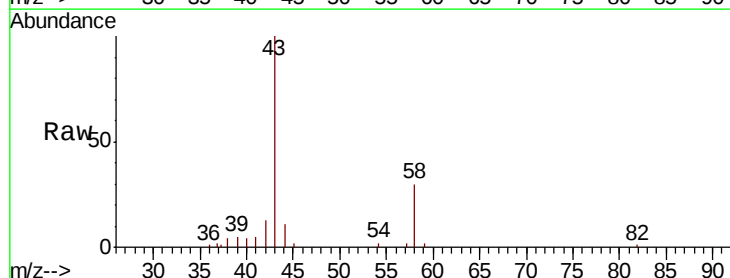
Acq: 04 Oct 2019 14:38

Tgt Ion: 43 Resp: 7915

Ion Ratio Lower Upper

43 100

58 29.9 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

5000

4000

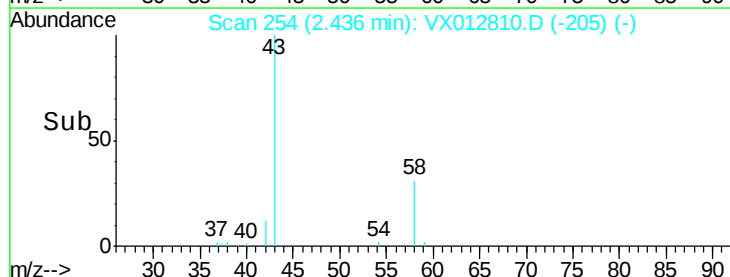
3000

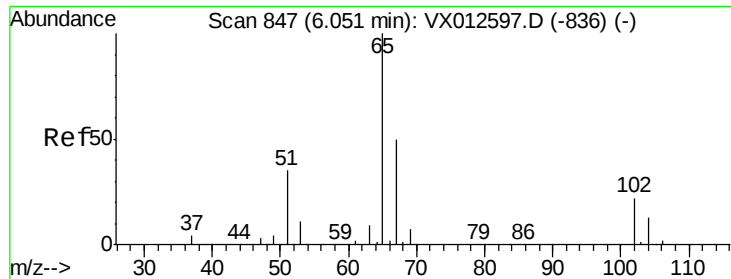
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

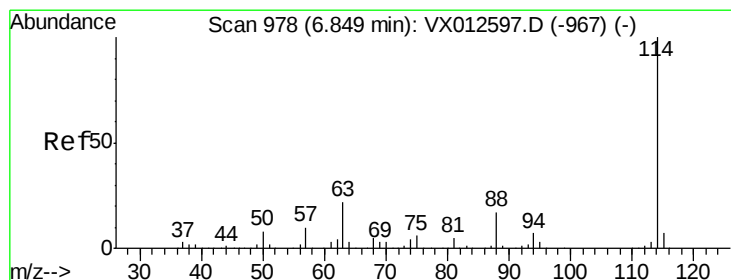
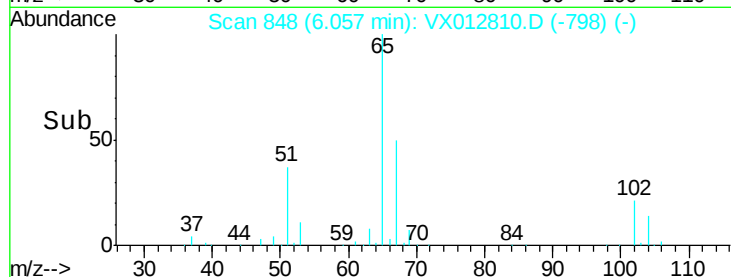
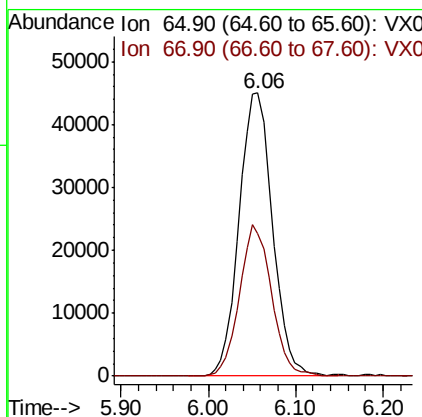
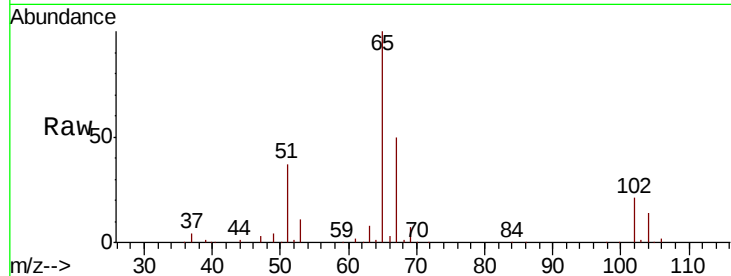




#33
 1,2-Dichloroethane-d4
 Concen: 46.821 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012810.D
 Acq: 04 Oct 2019 14:38

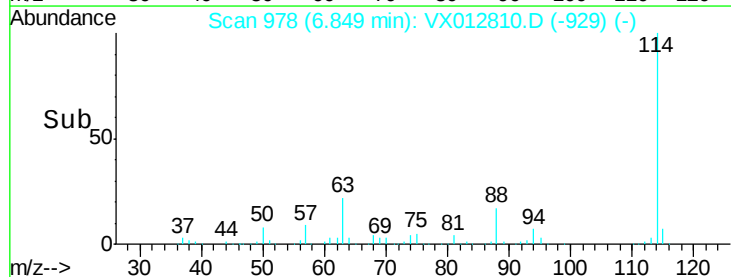
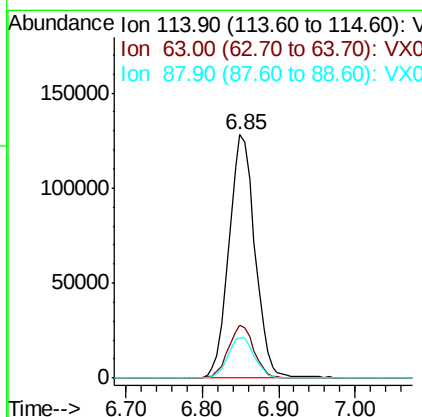
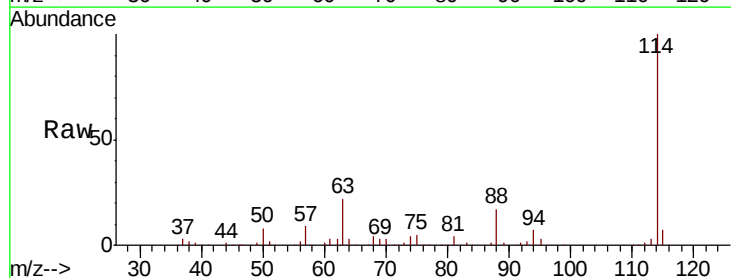
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ133I-20190930

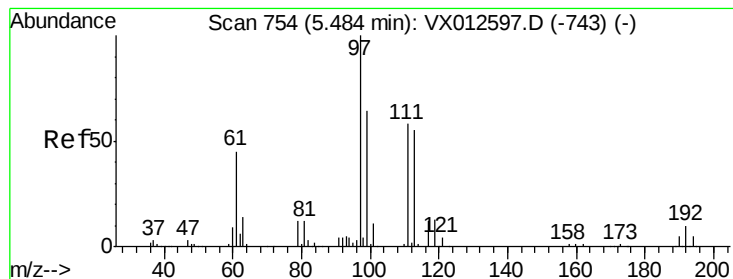
Tot Ion: 65 Resp: 119835
 Ion Ratio Lower Upper
 65 100
 67 51.5 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012810.D
 Acq: 04 Oct 2019 14:38

Tgt Ion: 114 Resp: 302119
 Ion Ratio Lower Upper
 114 100
 63 21.8 0.0 43.2
 88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.158 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012810.D

Acq: 04 Oct 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ133I-20190930

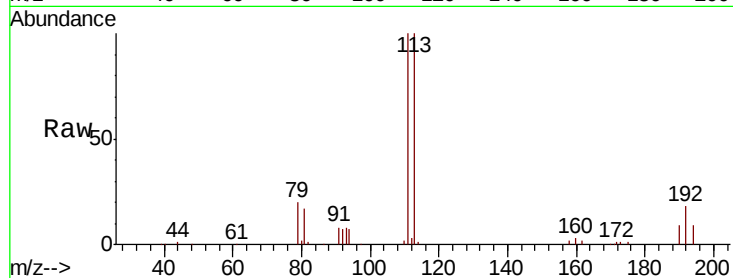
Tot Ion:113 Resp: 92046

Ion Ratio Lower Upper

113 100

111 102.0 83.4 125.2

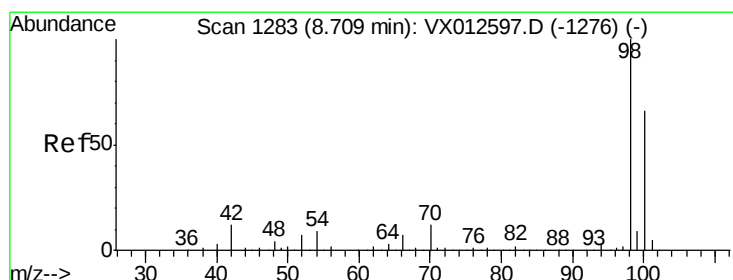
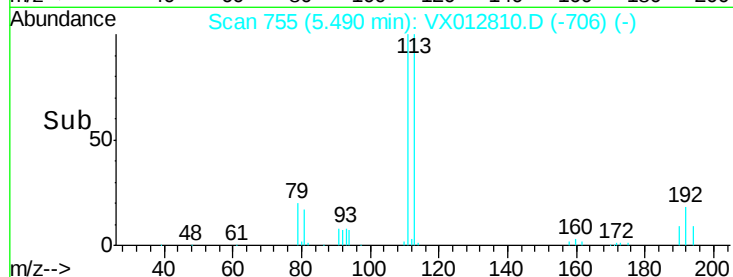
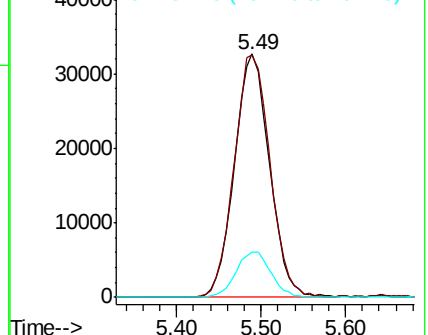
192 18.5 14.4 21.6



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



#50

Toluene-d8

Concen: 51.442 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012810.D

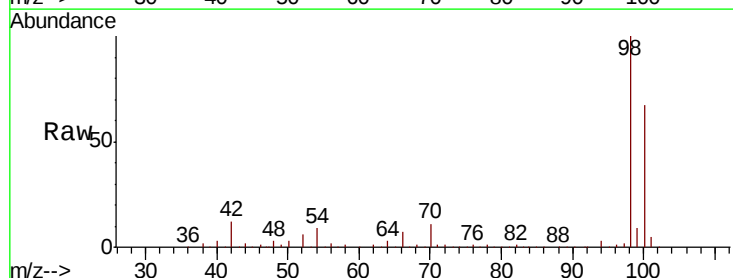
Acq: 04 Oct 2019 14:38

Tgt Ion: 98 Resp: 356443

Ion Ratio Lower Upper

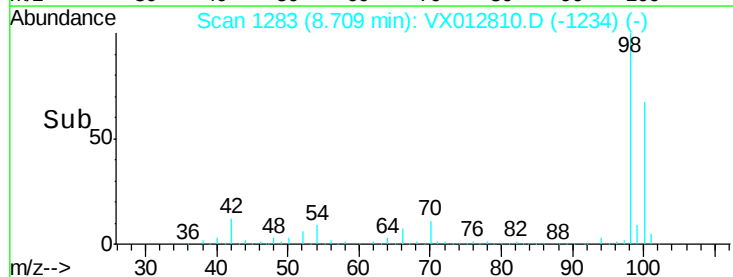
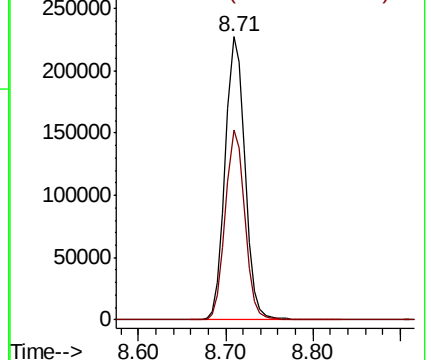
98 100

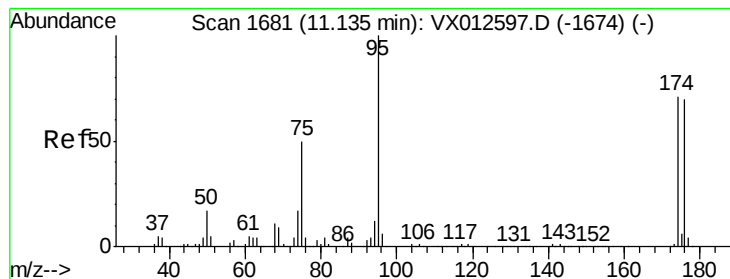
100 66.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 43.389 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012810.D

Acq: 04 Oct 2019 14:38

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ133I-20190930

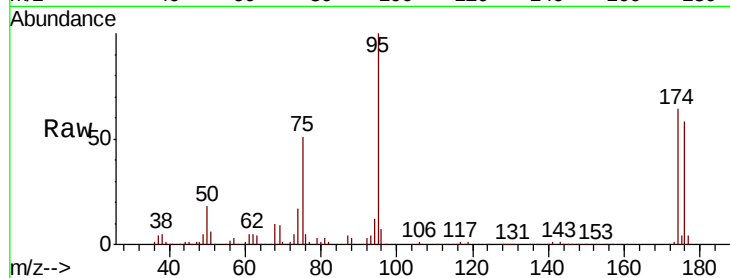
Tot Ion: 95 Resp: 118214

Ion Ratio Lower Upper

95 100

174 71.3 0.0 140.0

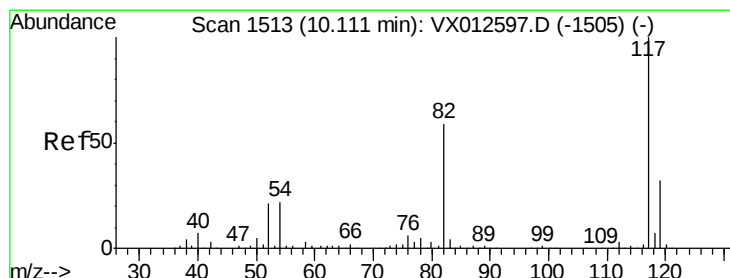
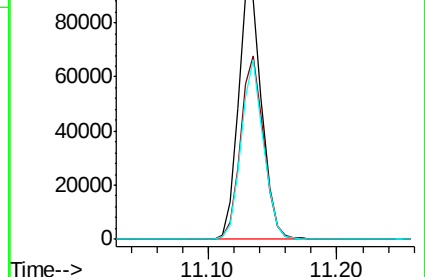
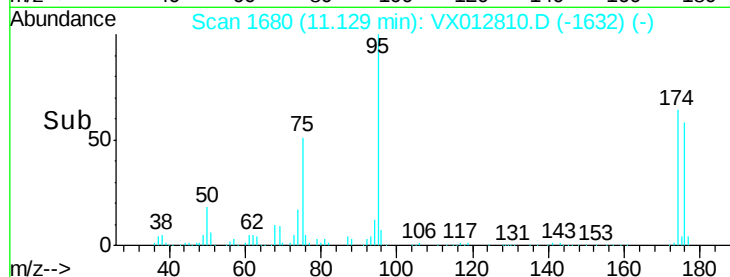
176 67.8 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012810.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012810.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012810.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012810.D

Acq: 04 Oct 2019 14:38

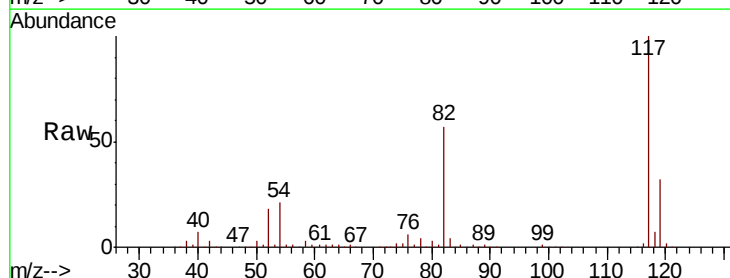
Tgt Ion: 117 Resp: 254630

Ion Ratio Lower Upper

117 100

82 57.2 45.9 68.9

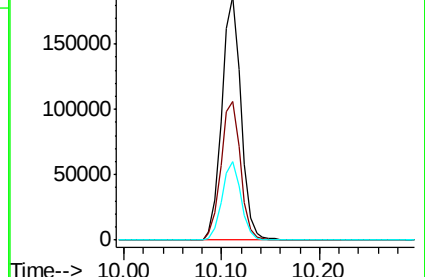
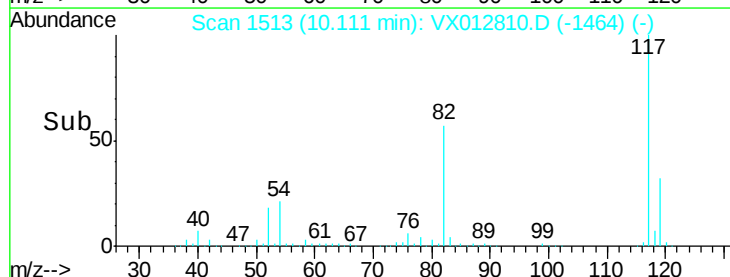
119 32.0 25.3 37.9

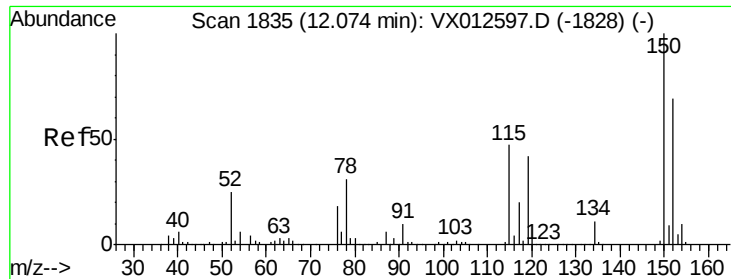


Abundance Ion 116.90 (116.60 to 117.60): VX012810.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012810.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012810.D (-1464) (-)

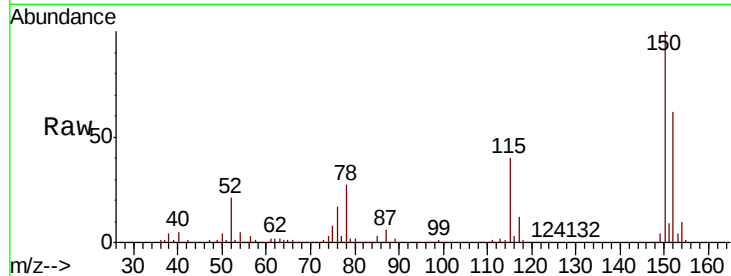




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012810.D
 Acq: 04 Oct 2019 14:38

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ133I-20190930

Tot Ion:152 Resp: 94394
 Ion Ratio Lower Upper
 152 100
 115 65.7 44.1 132.3
 150 158.6 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

