

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093019\
 Data File : VX012713.D
 Acq On : 30 Sep 2019 18:16
 Operator : JC/SP
 Sample : K5081-19
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ148-20190926

Quant Time: Oct 01 04:43:47 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

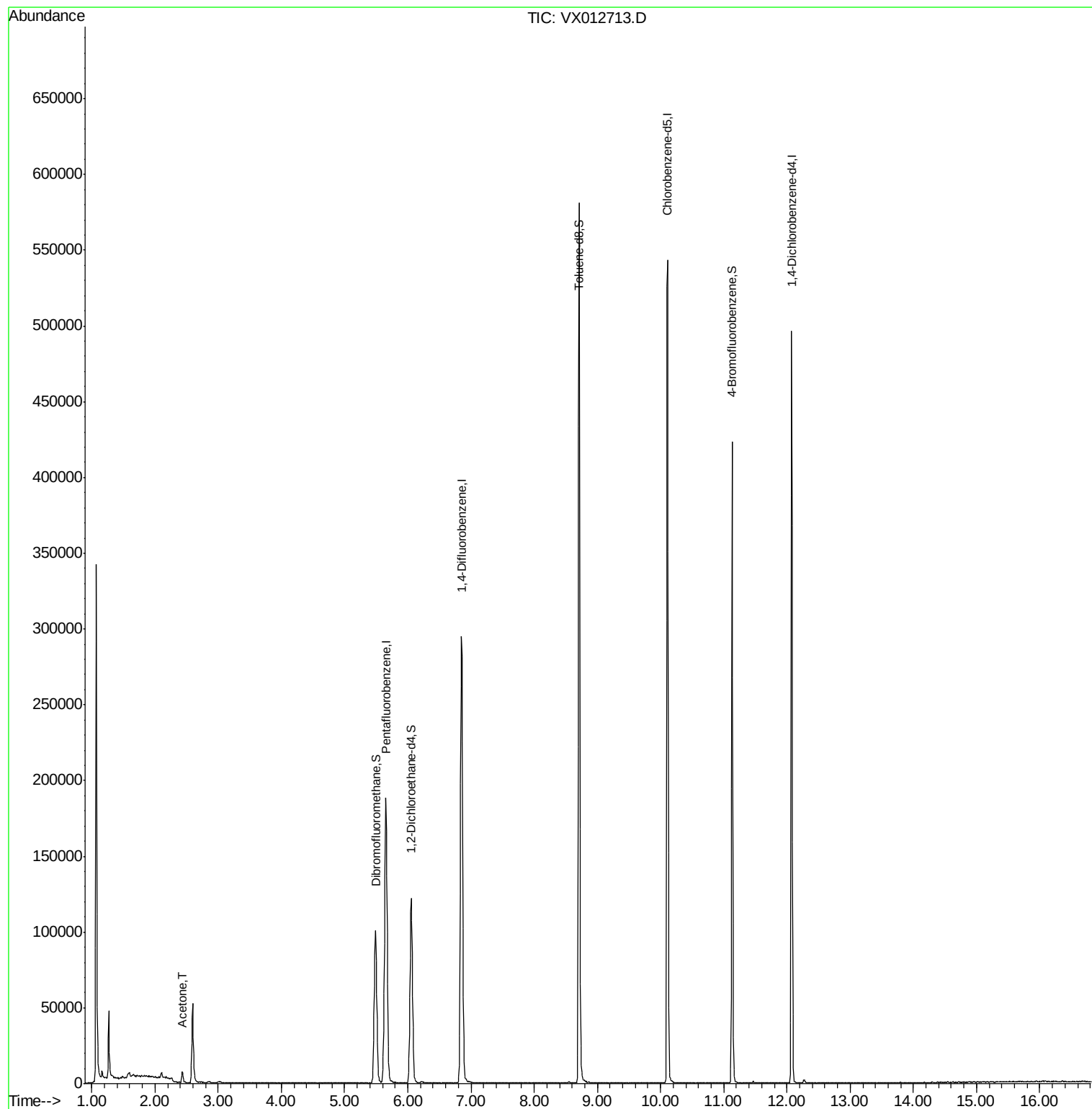
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	168042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	290841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118732	48.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.04%	
35) Dibromofluoromethane	5.49	113	88143	50.89	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.78%	
50) Toluene-d8	8.71	98	342072	51.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.56%	
62) 4-Bromofluorobenzene	11.14	95	118616	45.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.44%	
Target Compounds						
16) Acetone	2.43	43	7437	5.738	ug/l	Qvalue 98

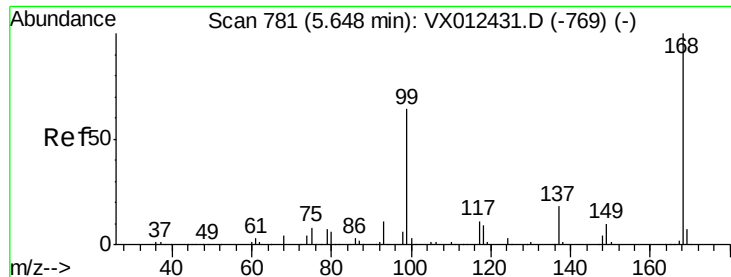
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Sep 23 12:27:01 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: VX012713.D

Acq: 30 Sep 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

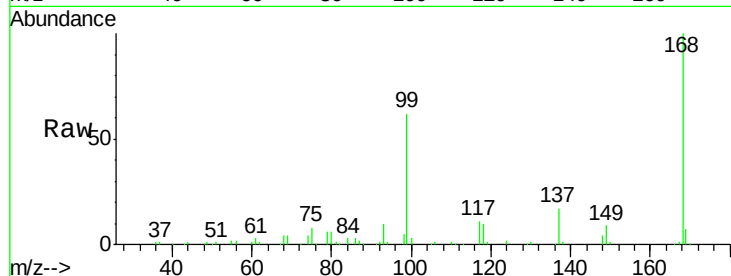
SA-PZ148-20190926

Tot Ion:168 Resp: 168042

Ion Ratio Lower Upper

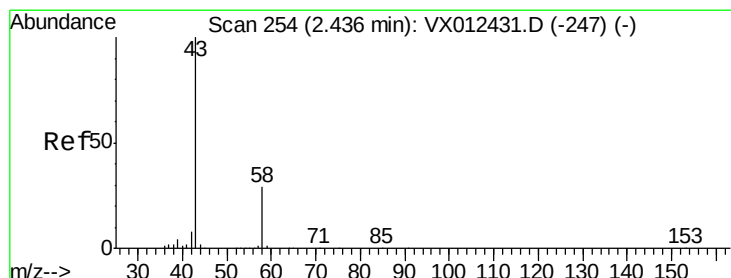
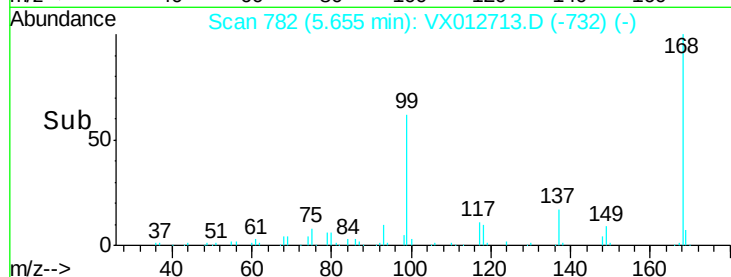
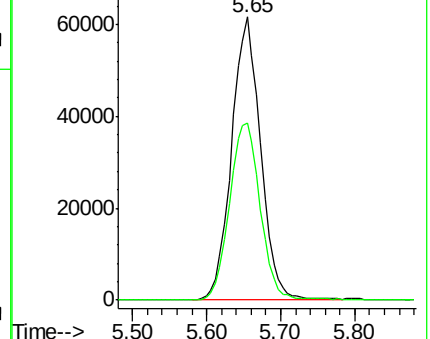
168 100

99 62.4 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.738 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012713.D

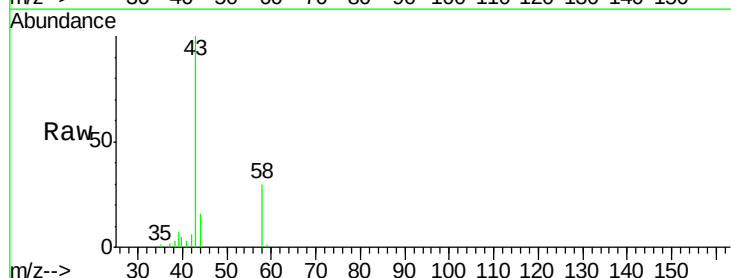
Acq: 30 Sep 2019 18:16

Tgt Ion: 43 Resp: 7437

Ion Ratio Lower Upper

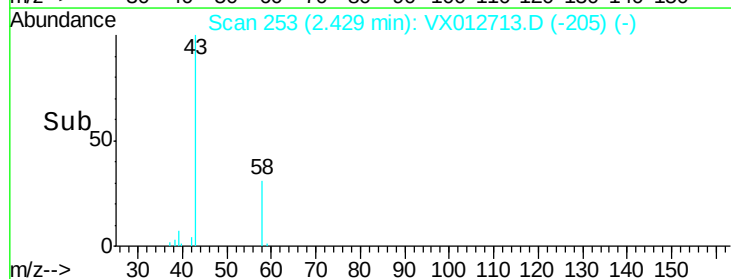
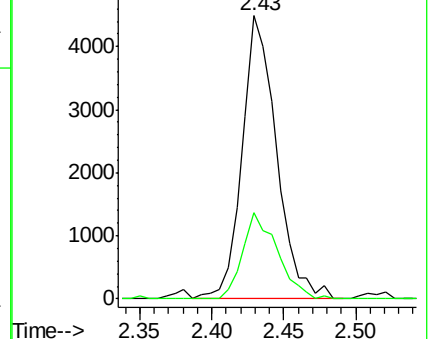
43 100

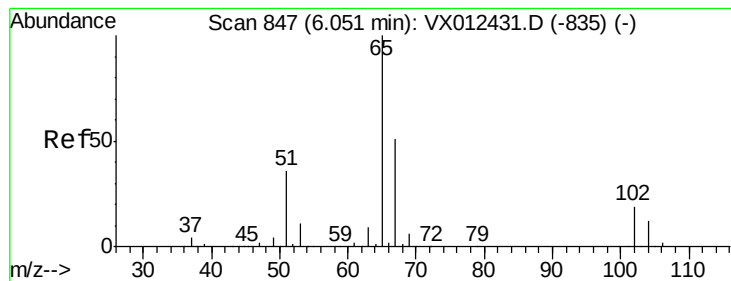
58 30.3 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.521 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012713.D

Acq: 30 Sep 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

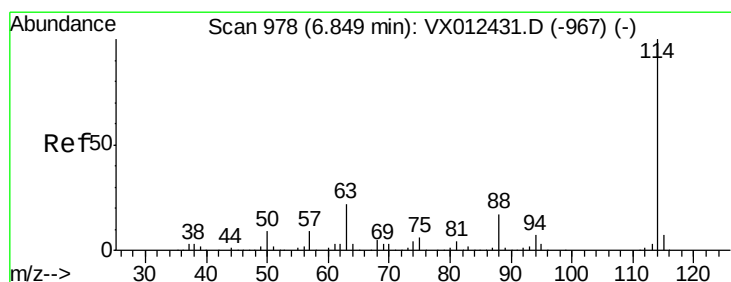
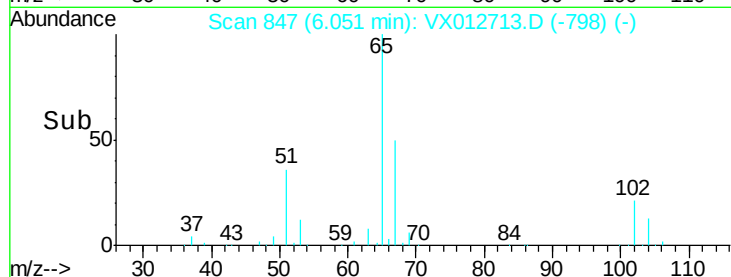
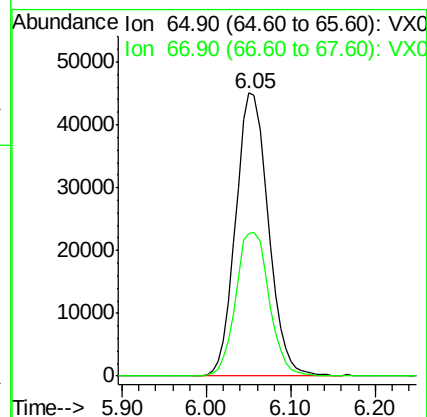
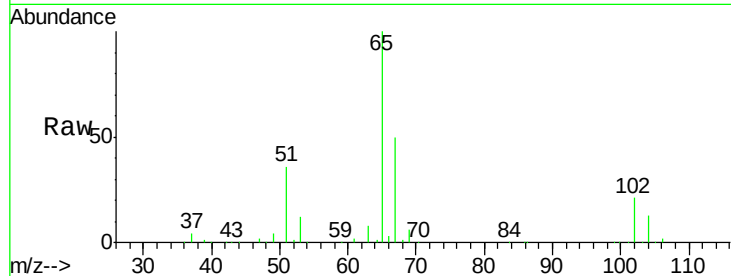
SA-PZ148-20190926

Tot Ion: 65 Resp: 118732

Ion Ratio Lower Upper

65 100

67 51.8 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: VX012713.D

Acq: 30 Sep 2019 18:16

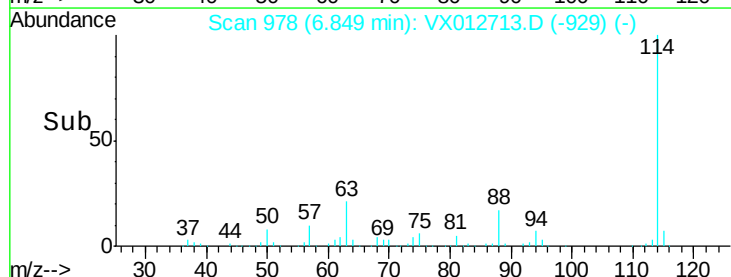
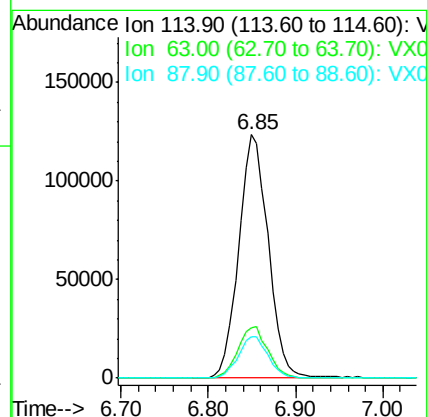
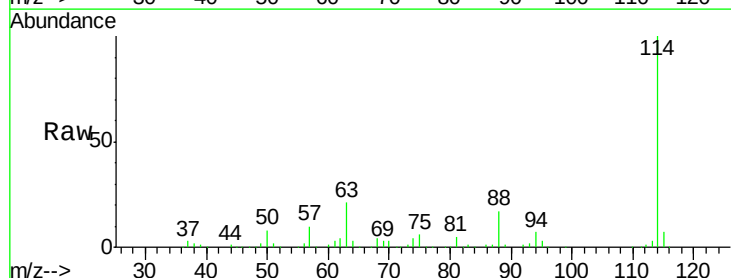
Tgt Ion: 114 Resp: 290841

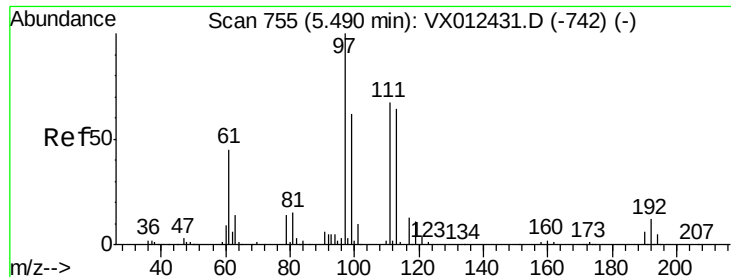
Ion Ratio Lower Upper

114 100

63 20.8 0.0 43.2

88 17.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.888 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX012713.D

Acq: 30 Sep 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ148-20190926

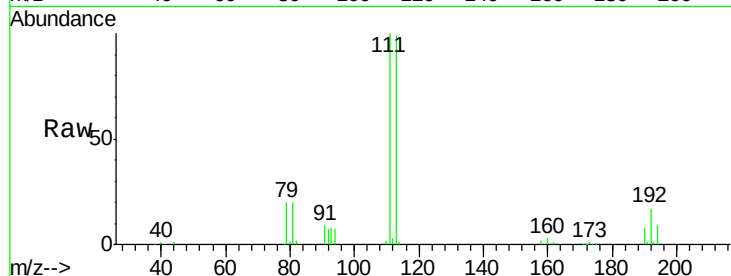
Tot Ion:113 Resp: 88143

Ion Ratio Lower Upper

113 100

111 102.3 83.4 125.2

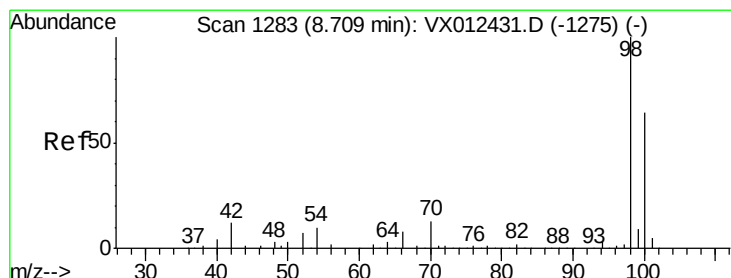
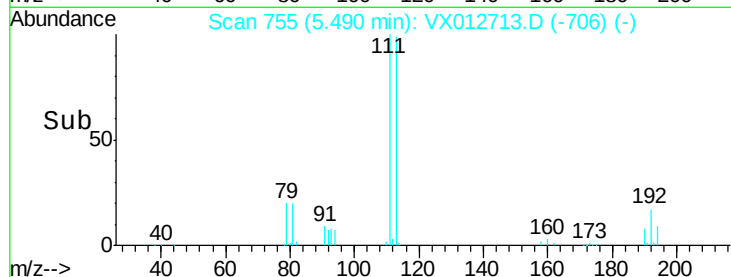
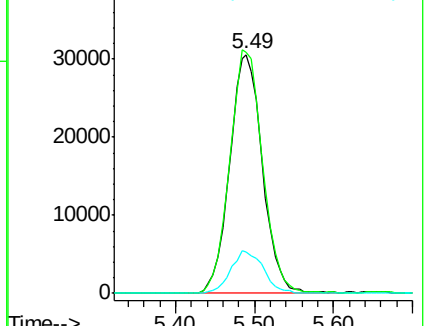
192 17.8 14.4 21.6



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: 51.282 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012713.D

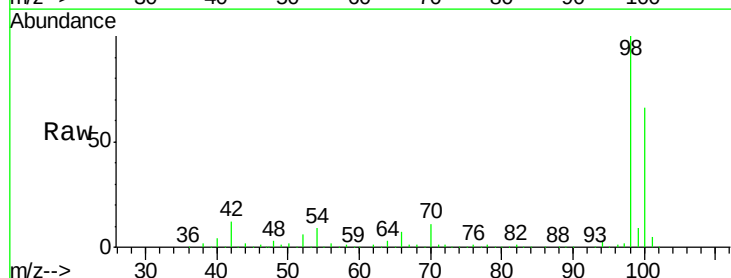
Acq: 30 Sep 2019 18:16

Tgt Ion: 98 Resp: 342072

Ion Ratio Lower Upper

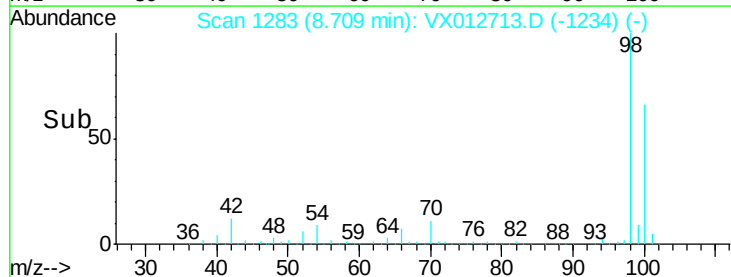
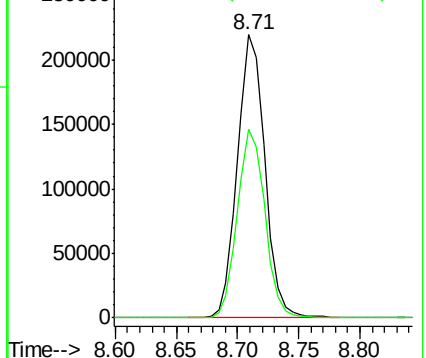
98 100

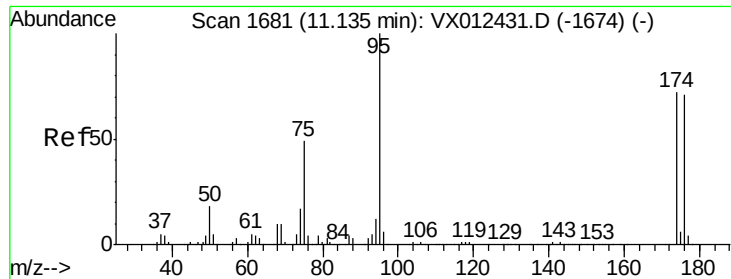
100 67.2 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.225 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012713.D

Acq: 30 Sep 2019 18:16

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ148-20190926

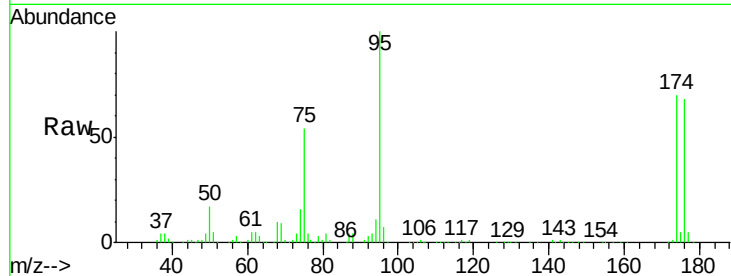
Tot Ion: 95 Resp: 118616

Ion Ratio Lower Upper

95 100

174 67.3 0.0 140.0

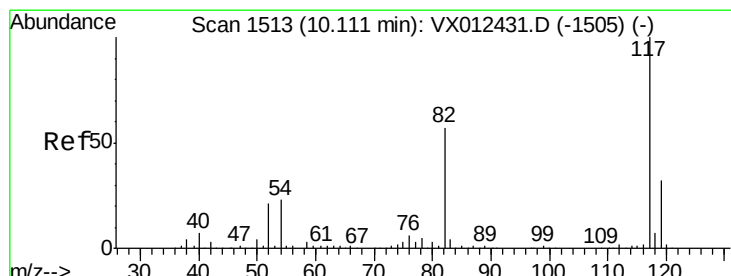
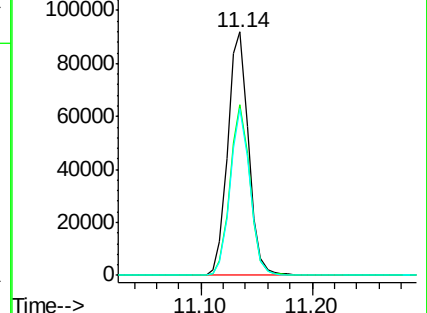
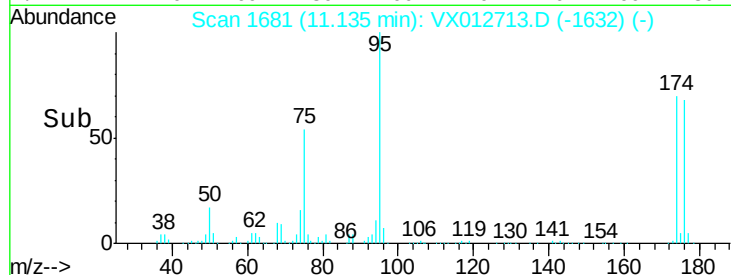
176 65.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012713.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012713.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012713.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012713.D

Acq: 30 Sep 2019 18:16

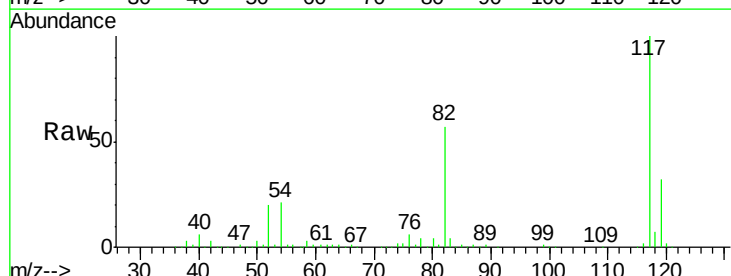
Tgt Ion: 117 Resp: 247359

Ion Ratio Lower Upper

117 100

82 57.4 45.9 68.9

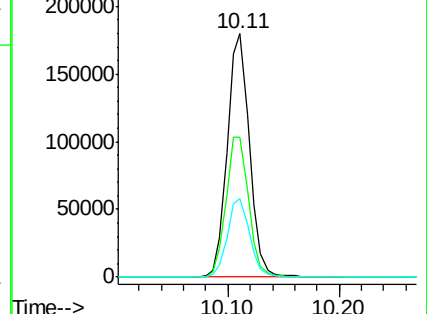
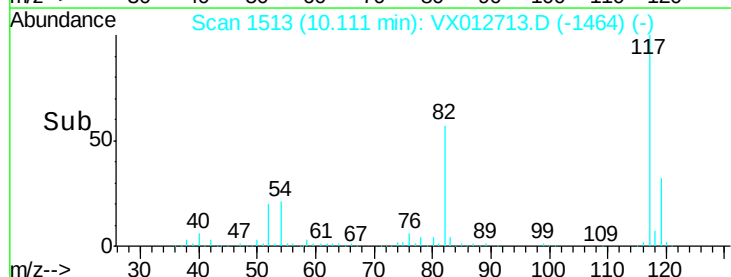
119 32.1 25.3 37.9

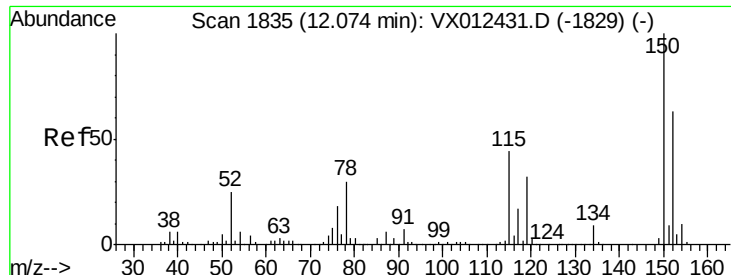


Abundance Ion 116.90 (116.60 to 117.60): VX012713.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012713.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012713.D (-1464) (-)

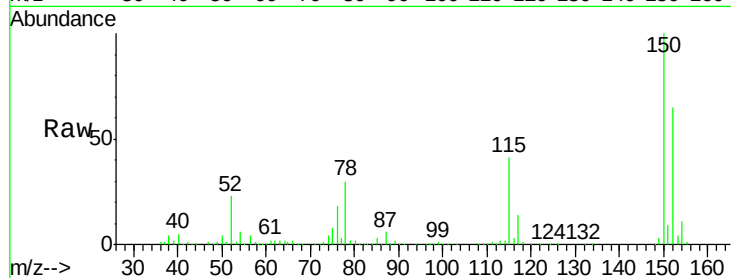




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012713.D
 Acq: 30 Sep 2019 18:16

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ148-20190926

Tot Ion:152 Resp: 96775
 Ion Ratio Lower Upper
 152 100
 115 63.4 44.1 132.3
 150 154.3 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

