

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093019\
 Data File : VX012715.D
 Acq On : 30 Sep 2019 19:03
 Operator : JC/SP
 Sample : K5081-21
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ147-20190926

Quant Time: Oct 01 04:47:18 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

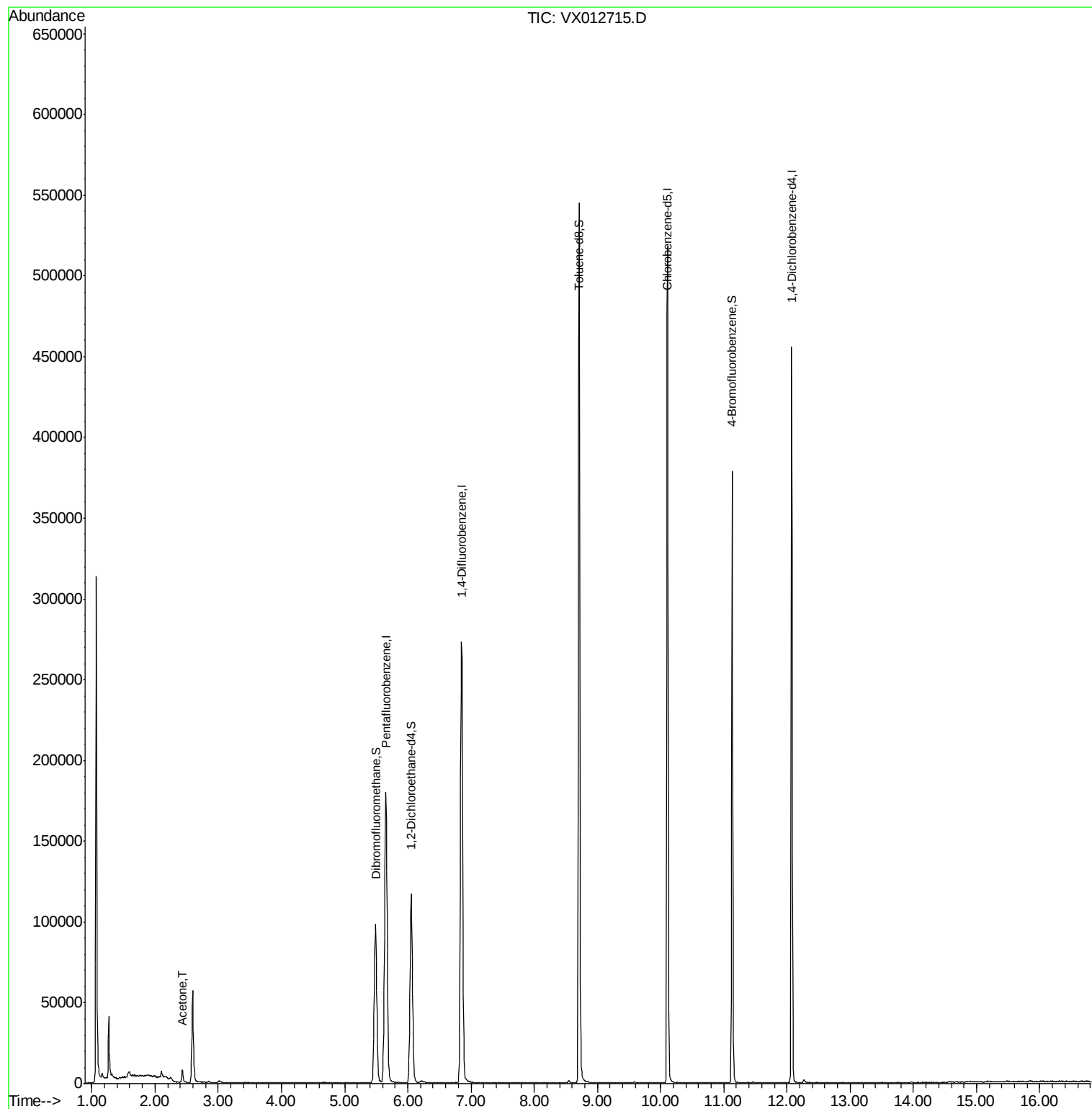
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	161449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	275855	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	229981	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	84509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	114357	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
35) Dibromofluoromethane	5.49	113	82974	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.71	98	322477	50.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.94%	
62) 4-Bromofluorobenzene	11.14	95	106879	42.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.92%	
Target Compounds						
16) Acetone	2.43	43	7970	6.400	ug/l	Qvalue 91

(#) = 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: VX012715.D

Acq: 30 Sep 2019 19:03

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MSVOA_X

ClientSampleId :

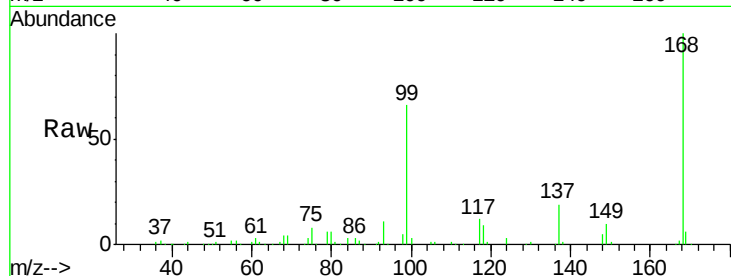
SA-PZ147-20190926

Tot Ion:168 Resp: 161449

Ion Ratio Lower Upper

168 100

99 65.7 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

50000

40000

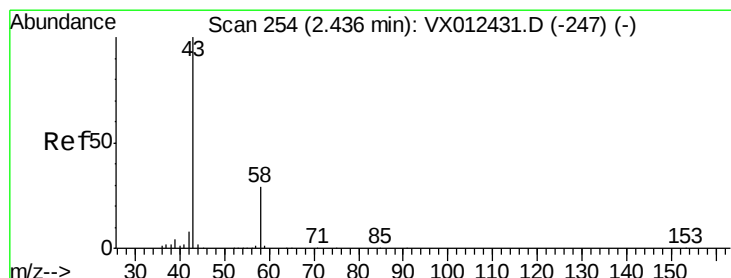
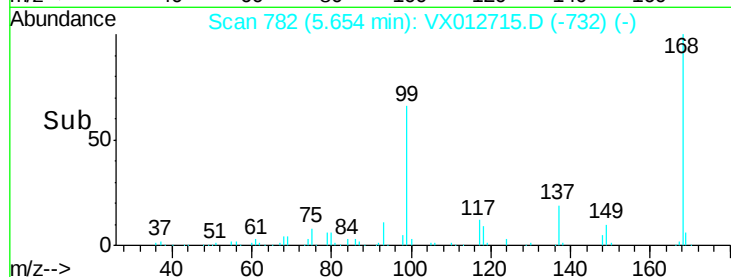
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 6.400 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012715.D

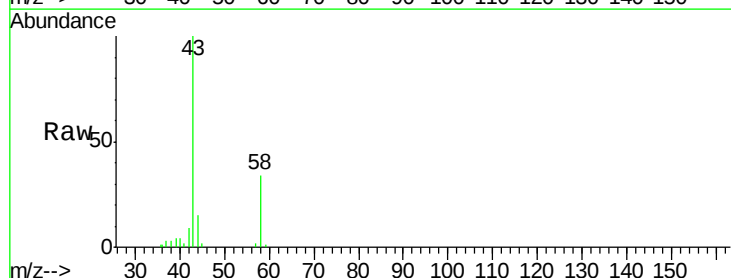
Acq: 30 Sep 2019 19:03

Tgt Ion: 43 Resp: 7970

Ion Ratio Lower Upper

43 100

58 34.1 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

5000

4000

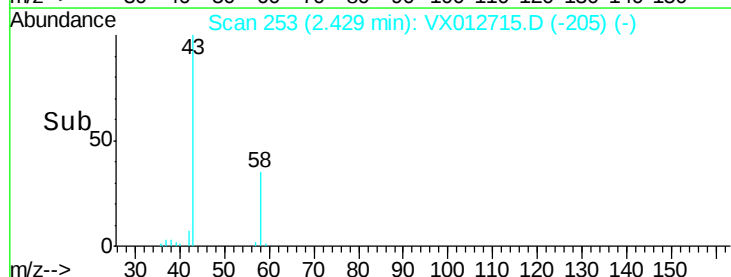
3000

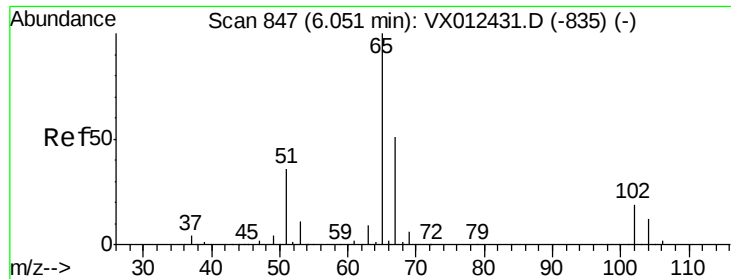
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

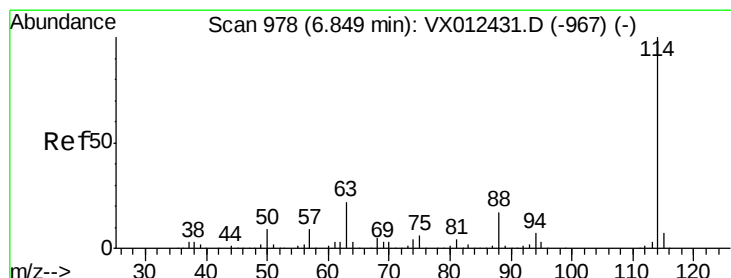
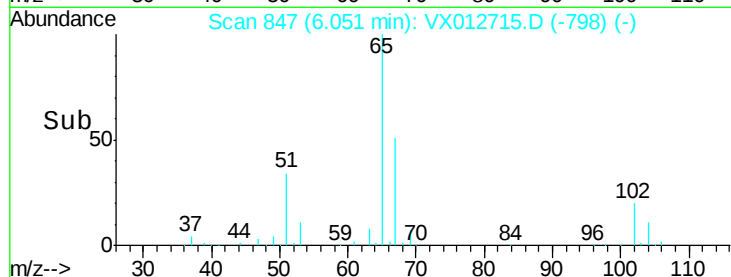
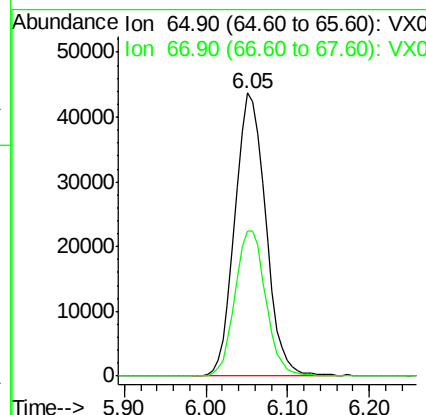
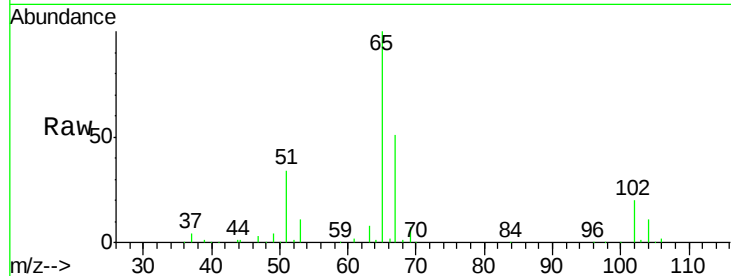




#33
 1,2-Dichloroethane-d4
 Concen: 48.642 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012715.D
 Acq: 30 Sep 2019 19:03

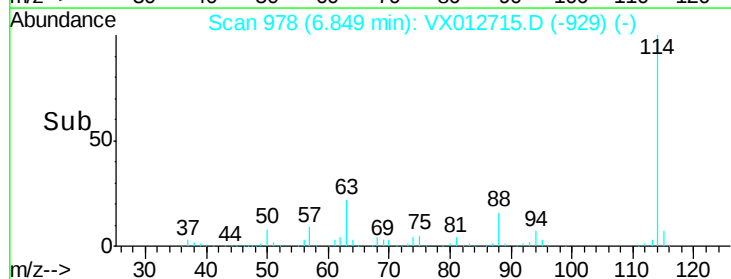
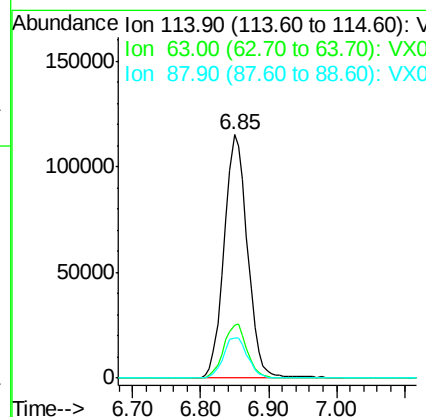
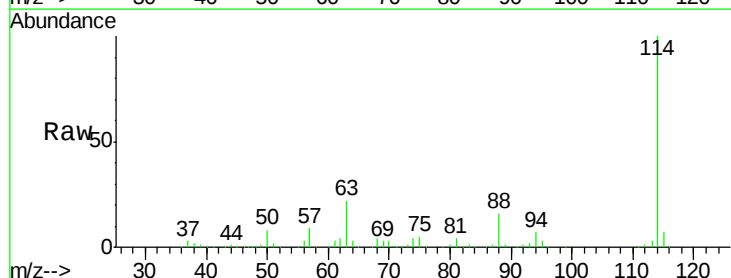
Instrument :
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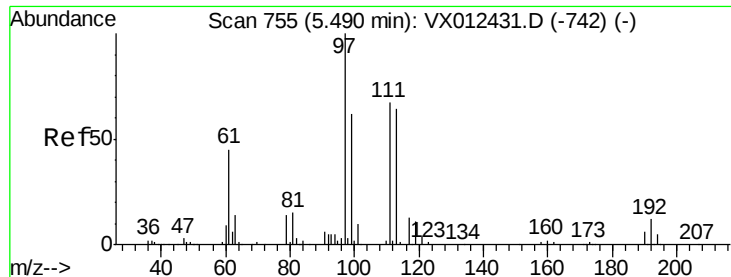
Tot Ion: 65 Resp: 114357
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012715.D
 Acq: 30 Sep 2019 19:03

Tgt Ion: 114 Resp: 275855
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 43.2
 88 16.4 0.0 33.2

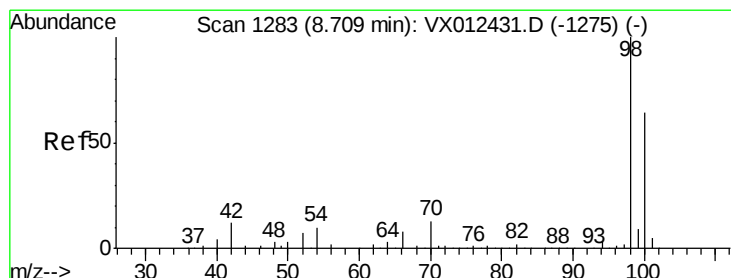
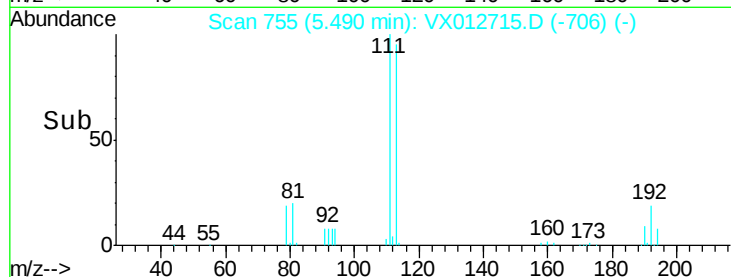
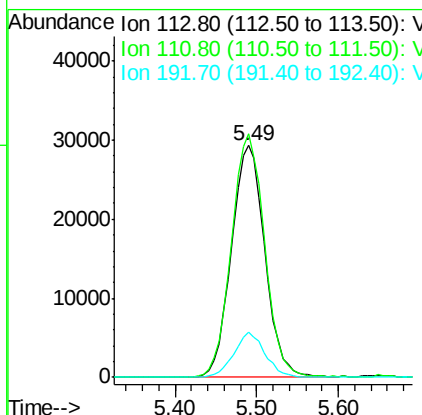
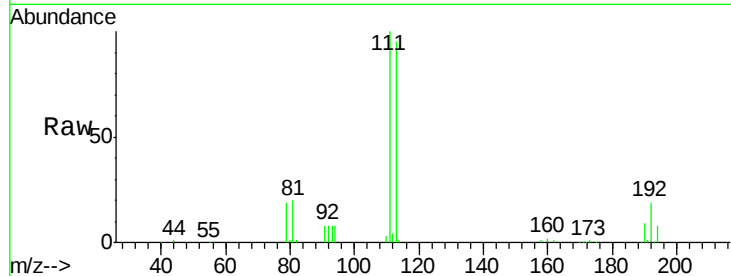




#35
 Dibromofluoromethane
 Concen: 50.507 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012715.D
 Acq: 30 Sep 2019 19:03

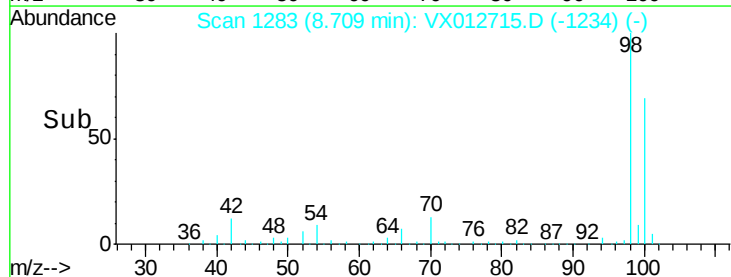
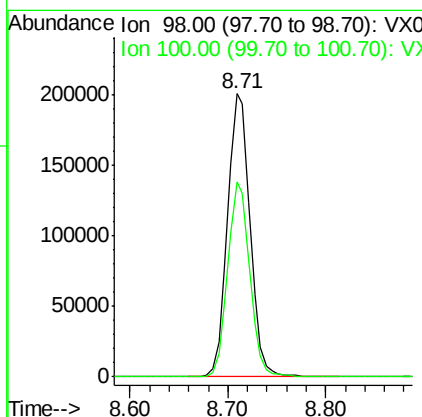
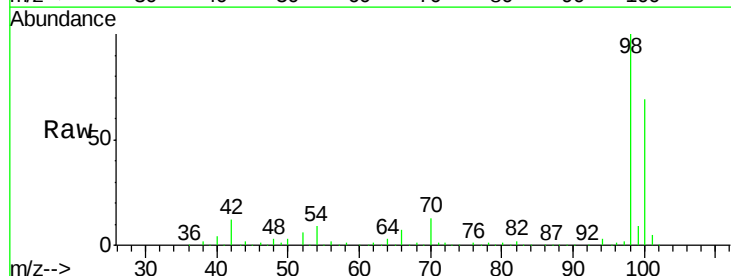
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ147-20190926

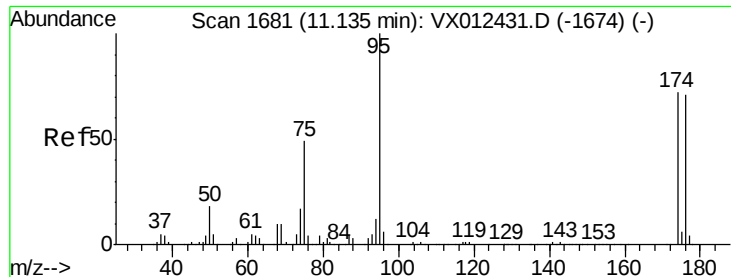
Tot Ion:113 Resp: 82974
 Ion Ratio Lower Upper
 113 100
 111 104.0 83.4 125.2
 192 18.1 14.4 21.6



#50
 Toluene-d8
 Concen: 50.971 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012715.D
 Acq: 30 Sep 2019 19:03

Tgt Ion: 98 Resp: 322477
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 42.964 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012715.D

Acq: 30 Sep 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ147-20190926

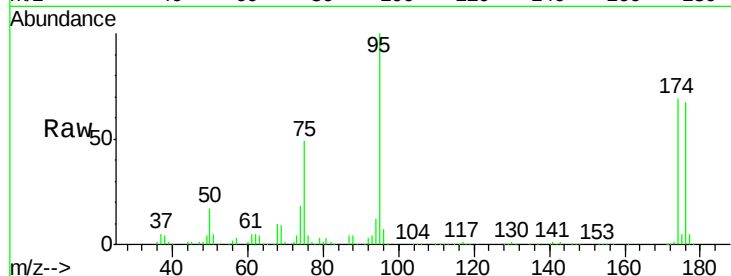
Tot Ion: 95 Resp: 106879

Ion Ratio Lower Upper

95 100

174 68.3 0.0 140.0

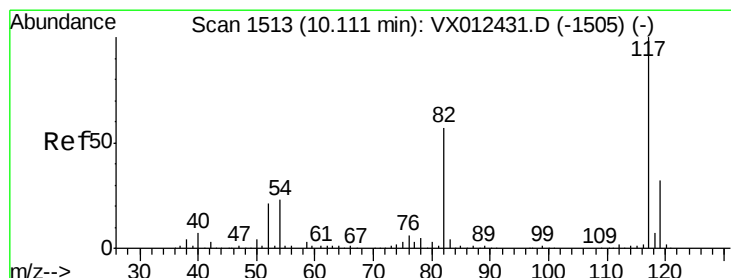
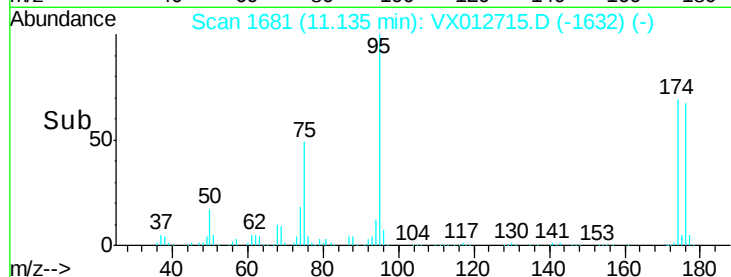
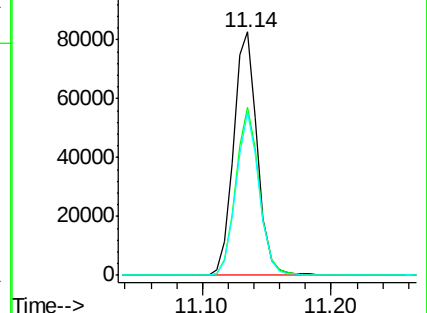
176 65.2 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012715.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012715.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012715.D (-1632) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012715.D

Acq: 30 Sep 2019 19:03

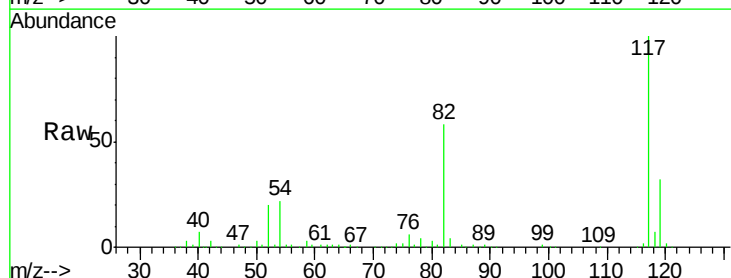
Tgt Ion: 117 Resp: 229981

Ion Ratio Lower Upper

117 100

82 57.8 45.9 68.9

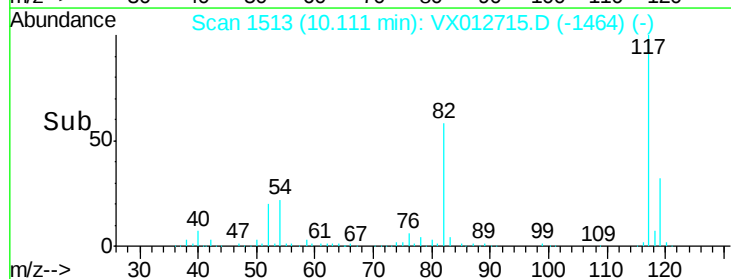
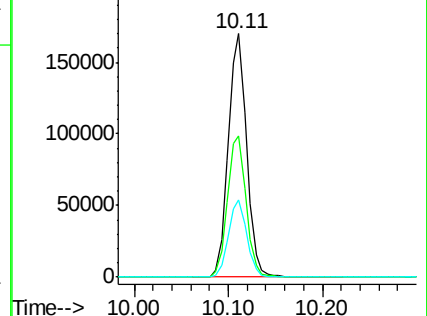
119 31.7 25.3 37.9

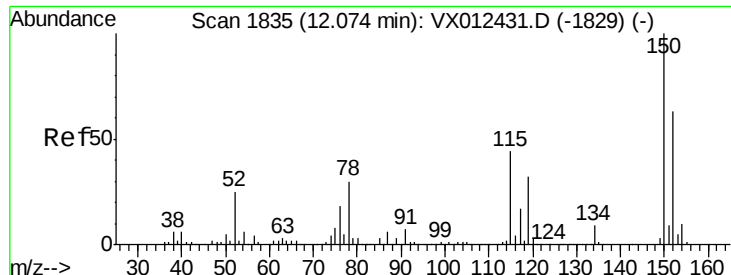


Abundance Ion 116.90 (116.60 to 117.60): VX012715.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012715.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012715.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: VX012715.D

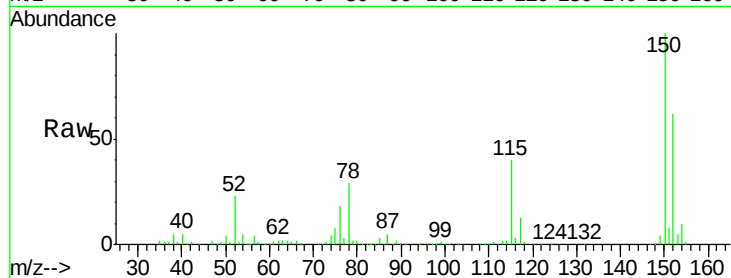
Acq: 30 Sep 2019 19:03

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ147-20190926



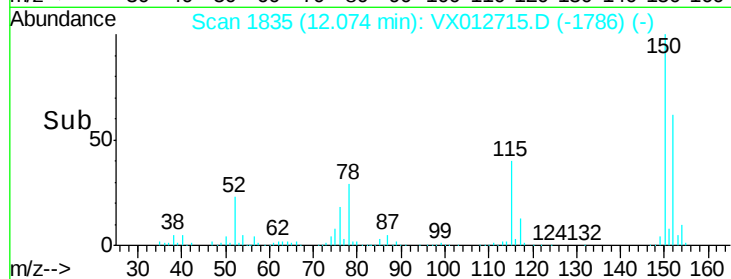
Tot Ion:152 Resp: 84509

Ion Ratio Lower Upper

152 100

115 65.8 44.1 132.3

150 160.8 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

