

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX093019\
 Data File : VX012714.D
 Acq On : 30 Sep 2019 18:39
 Operator : JC/SP
 Sample : K5081-20
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ124-20190926

Quant Time: Oct 01 04:45:37 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

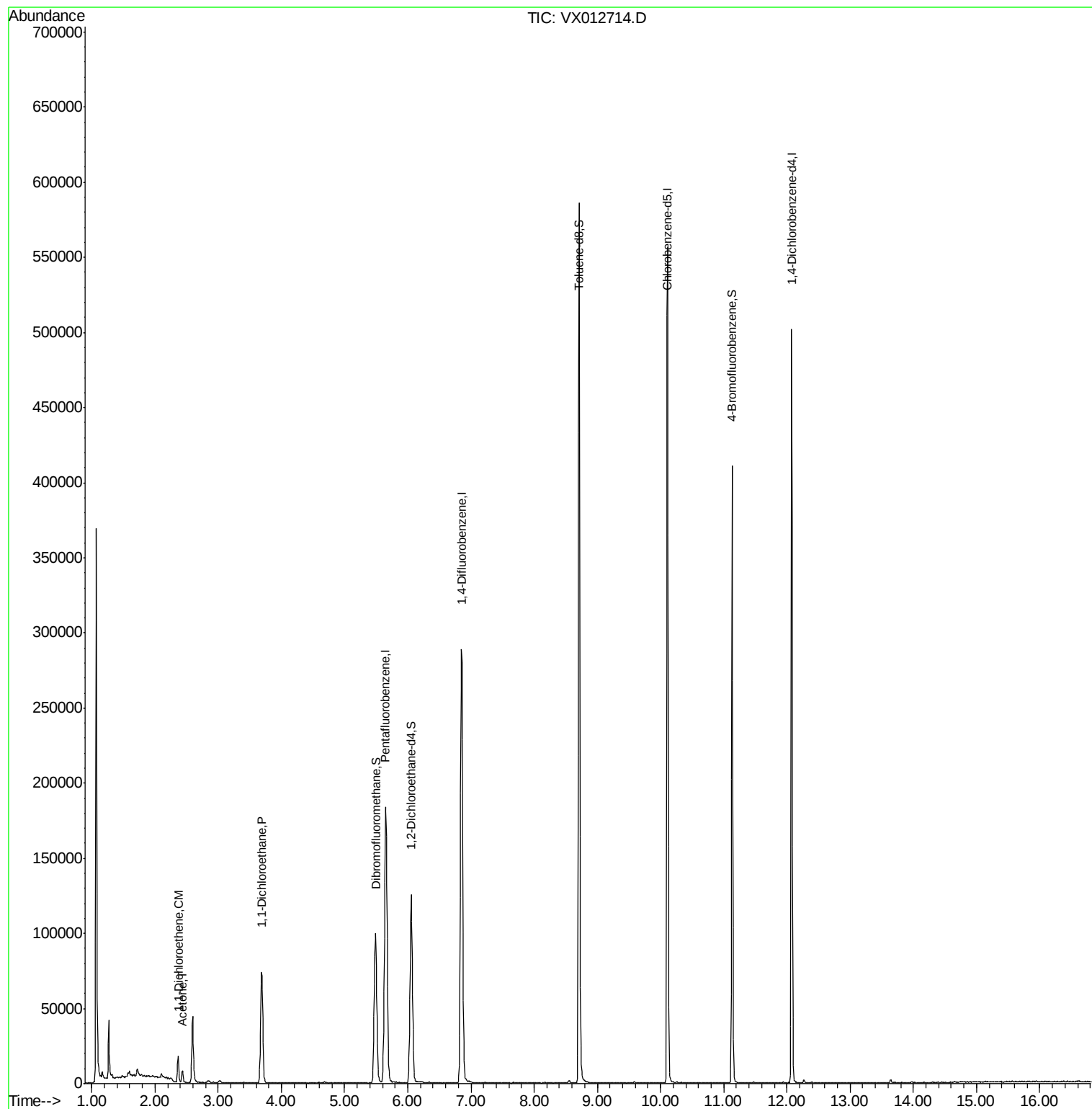
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	166632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	291500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	245290	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	96409	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117684	48.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.00%	
35) Dibromofluoromethane	5.49	113	86760	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
50) Toluene-d8	8.71	98	338471	50.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.26%	
62) 4-Bromofluorobenzene	11.14	95	117603	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
12) 1,1-Dichloroethene	2.37	96	5711	3.188	ug/l	99
16) Acetone	2.44	43	8361	6.505	ug/l	97
24) 1,1-Dichloroethane	3.69	63	85931	23.017	ug/l	99

(#) = 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: VX012714.D

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ClientSampleId :

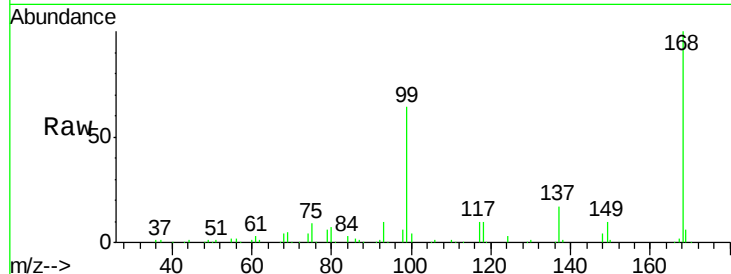
SA-PZ124-20190926

Tot Ion:168 Resp: 166632

Ion Ratio Lower Upper

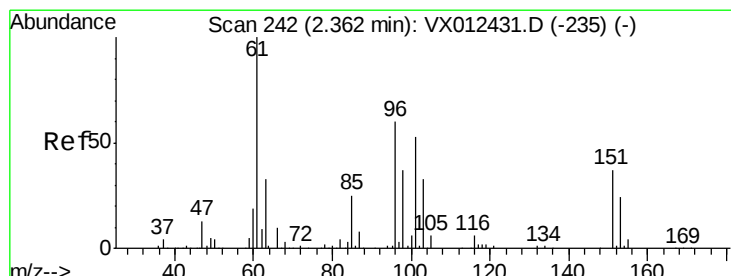
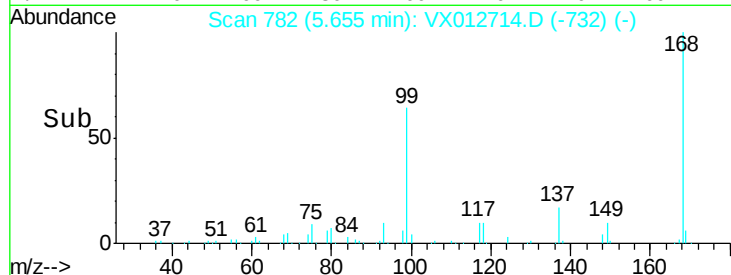
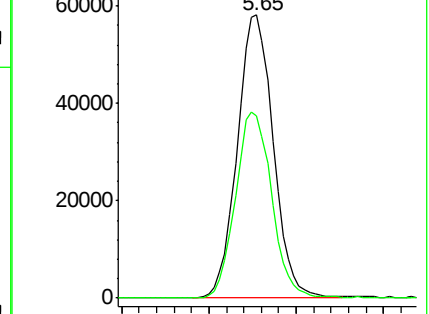
168 100

99 64.3 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#12

1,1-Dichloroethene

Concen: 3.188 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.01 min

Lab File: VX012714.D

Acq: 30 Sep 2019 18:39

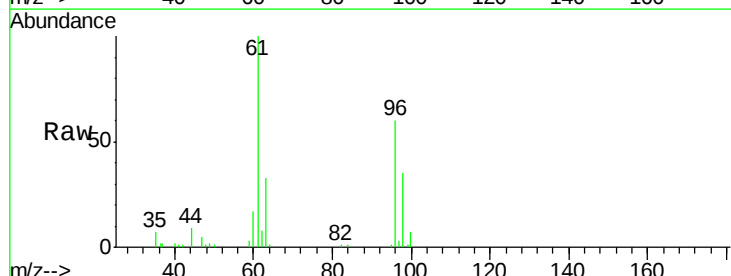
Tgt Ion: 96 Resp: 5711

Ion Ratio Lower Upper

96 100

61 166.8 133.8 200.6

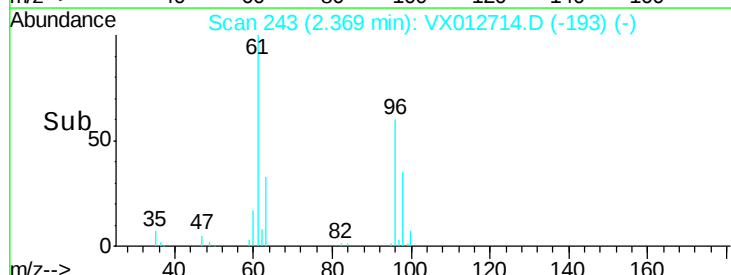
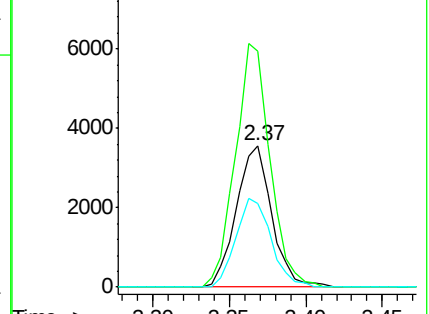
98 59.1 49.9 74.9

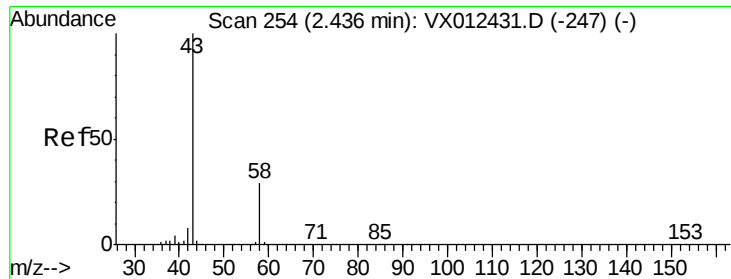


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#16

Acetone

Concen: 6.505 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012714.D

Acq: 30 Sep 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

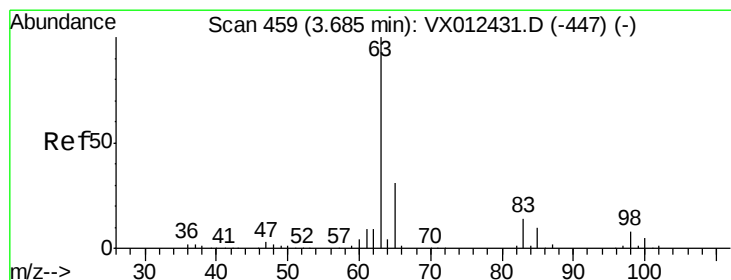
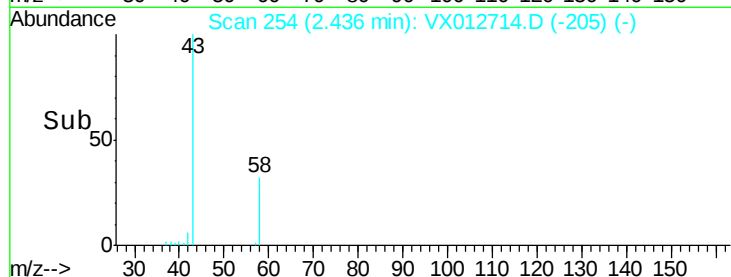
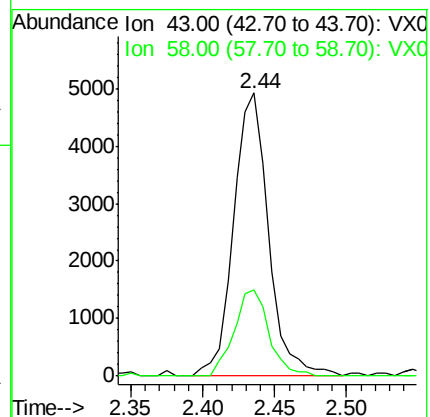
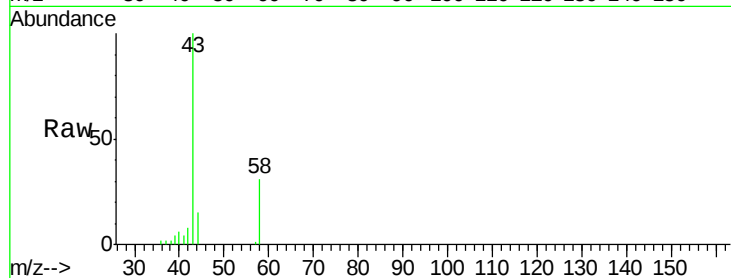
SA-PZ124-20190926

Tot Ion: 43 Resp: 8361

Ion Ratio Lower Upper

43 100

58 30.6 23.3 34.9



#24

1,1-Dichloroethane

Concen: 23.017 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012714.D

Acq: 30 Sep 2019 18:39

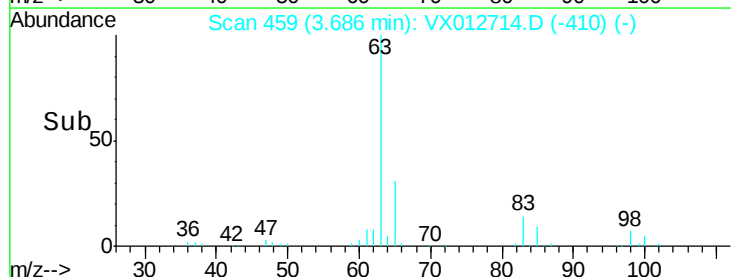
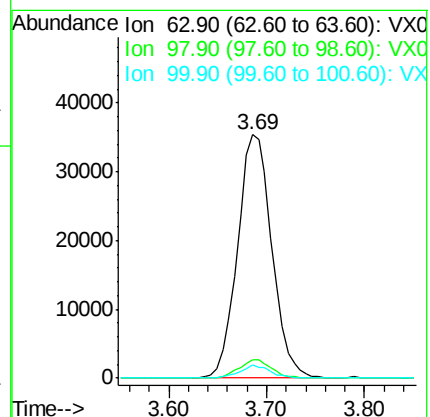
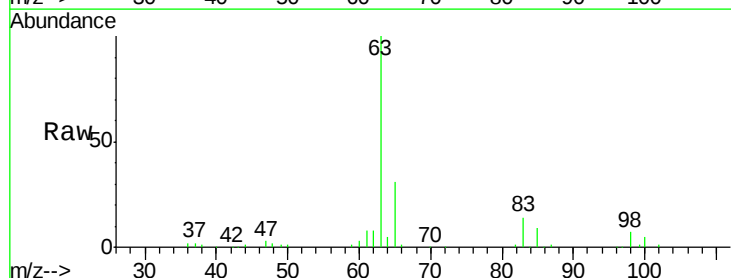
Tgt Ion: 63 Resp: 85931

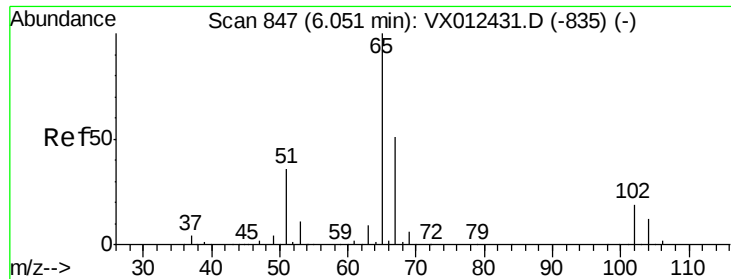
Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.7

100 5.3 2.3 6.9

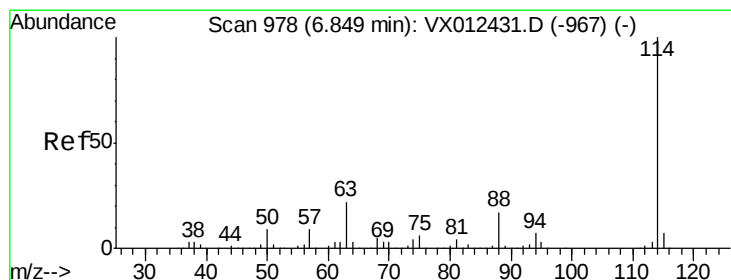
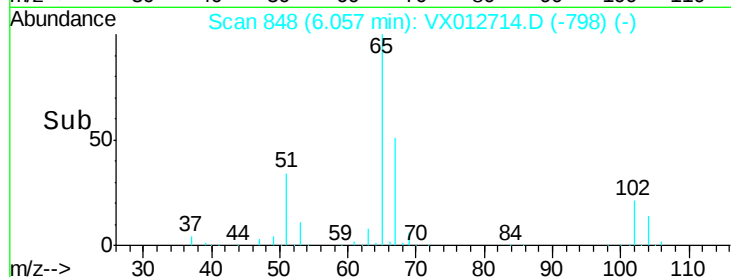
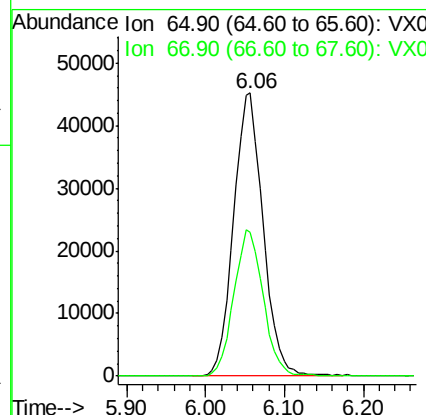
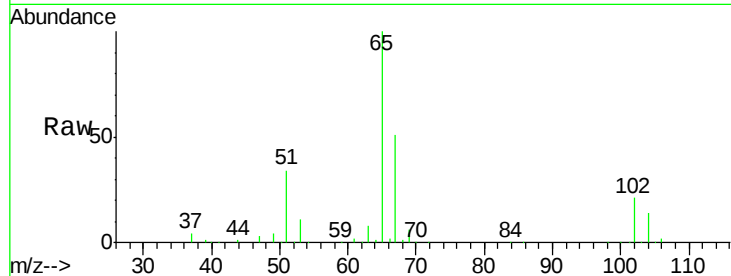




#33
 1,2-Dichloroethane-d4
 Concen: 48.500 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX012714.D
 Acq: 30 Sep 2019 18:39

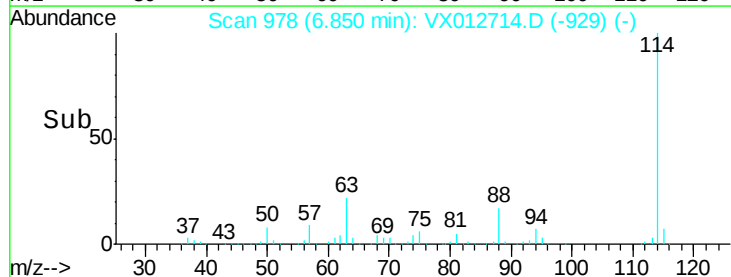
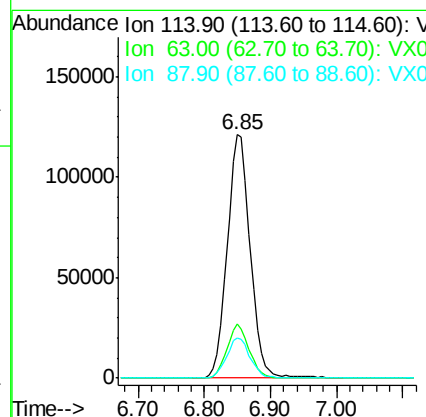
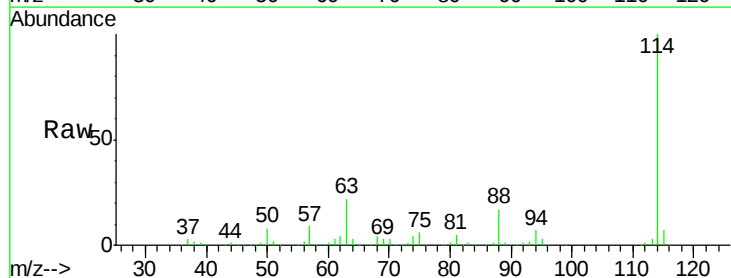
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ124-20190926

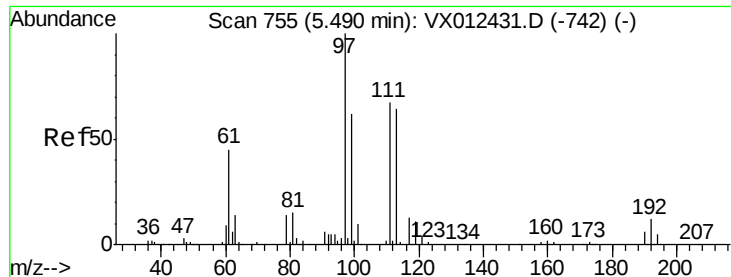
Tot Ion: 65 Resp: 117684
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012714.D
 Acq: 30 Sep 2019 18:39

Tgt Ion: 114 Resp: 291500
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 43.2
 88 16.7 0.0 33.2

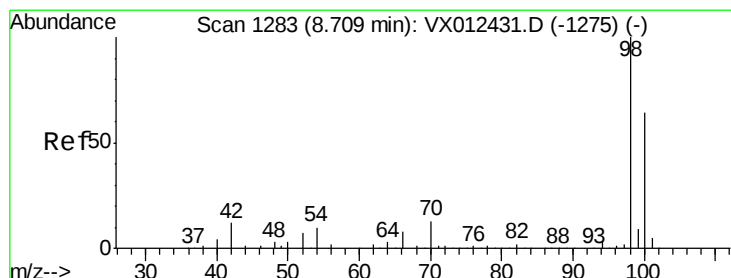
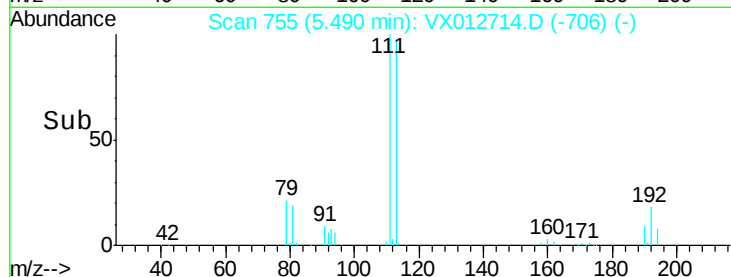
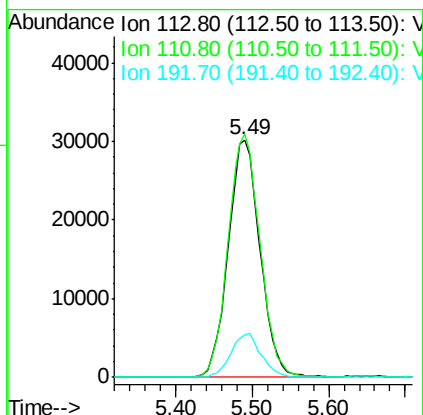
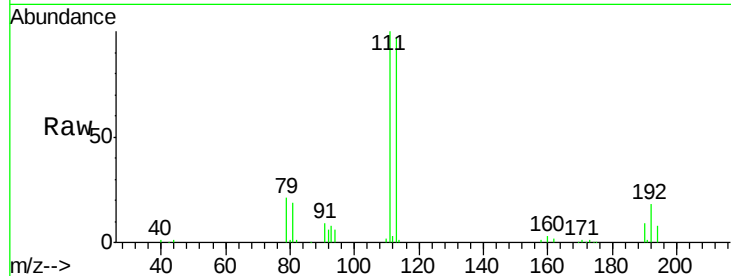




#35
 Dibromofluoromethane
 Concen: 49.977 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012714.D
 Acq: 30 Sep 2019 18:39

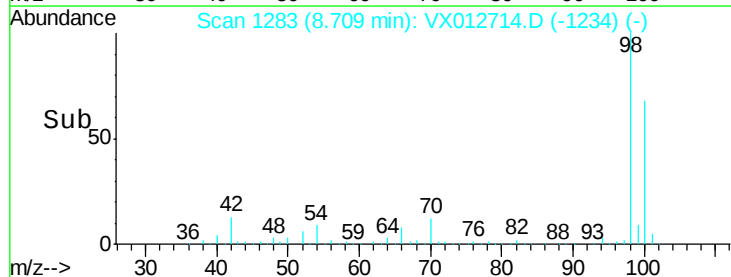
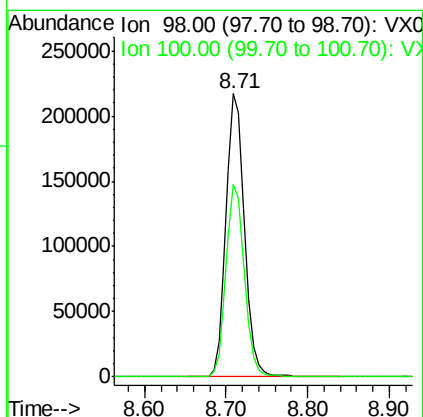
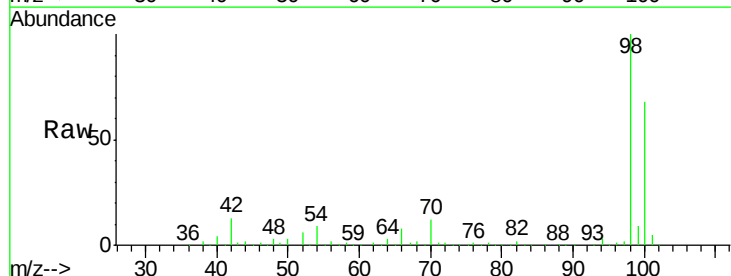
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ124-20190926

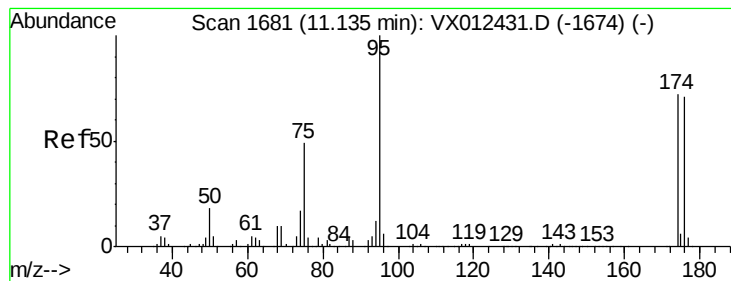
Tot Ion:113 Resp: 86760
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.2
 192 17.7 14.4 21.6



#50
 Toluene-d8
 Concen: 50.628 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012714.D
 Acq: 30 Sep 2019 18:39

Tgt Ion: 98 Resp: 338471
 Ion Ratio Lower Upper
 98 100
 100 67.9 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 44.737 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012714.D

Acq: 30 Sep 2019 18:39

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ124-20190926

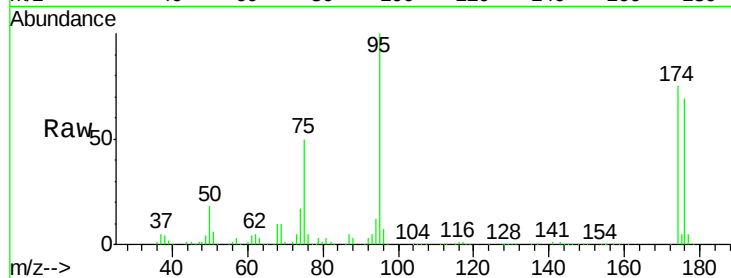
Tot Ion: 95 Resp: 117603

Ion Ratio Lower Upper

95 100

174 69.1 0.0 140.0

176 65.5 0.0 135.4

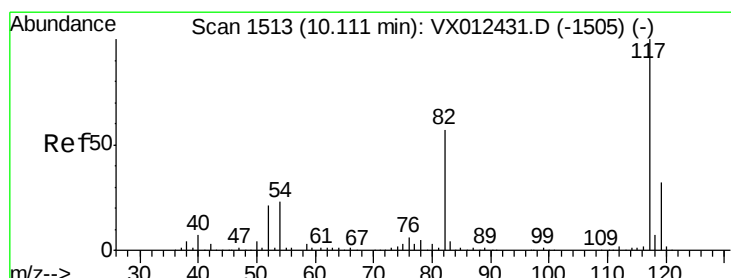
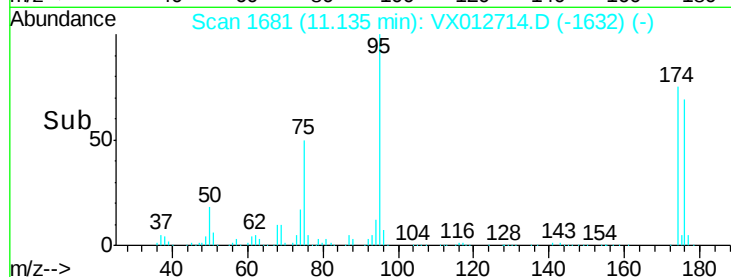


Abundance Ion 94.90 (94.60 to 95.60): VX012714.D (-1632) (-)

Ion 173.80 (173.50 to 174.50): VX012714.D (-1632) (-)

Ion 175.80 (175.50 to 176.50): VX012714.D (-1632) (-)

Time--> 11.05 11.10 11.15 11.20



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012714.D

Acq: 30 Sep 2019 18:39

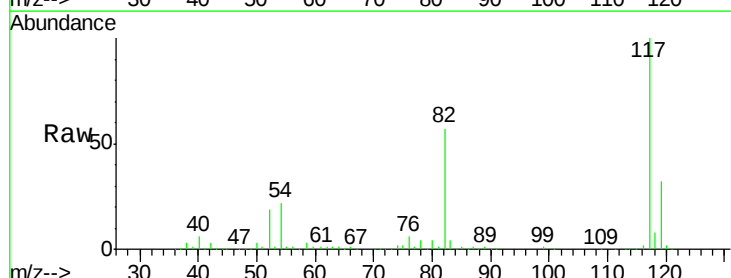
Tgt Ion: 117 Resp: 245290

Ion Ratio Lower Upper

117 100

82 56.6 45.9 68.9

119 32.3 25.3 37.9

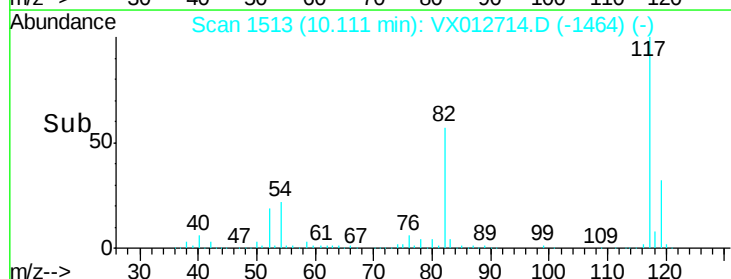


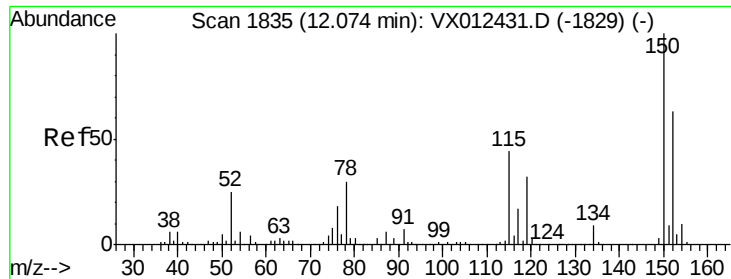
Abundance Ion 116.90 (116.60 to 117.60): VX012714.D (-1464) (-)

Ion 82.00 (81.70 to 82.70): VX012714.D (-1464) (-)

Ion 118.90 (118.60 to 119.60): VX012714.D (-1464) (-)

Time--> 10.00 10.10 10.20

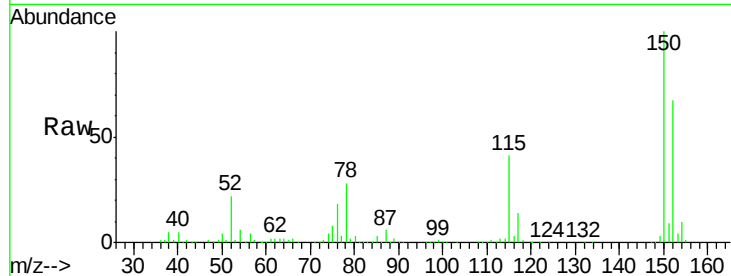




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012714.D
 Acq: 30 Sep 2019 18:39

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ124-20190926

Tot Ion:152 Resp: 96409
 Ion Ratio Lower Upper
 152 100
 115 64.6 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

