

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101719\
 Data File : VX013114.D
 Acq On : 17 Oct 2019 17:54
 Operator : JC/SP
 Sample : K5414-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RB-01-SRI4

Quant Time: Oct 18 08:46:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 07:26:22 2019
 Response via : Initial Calibration

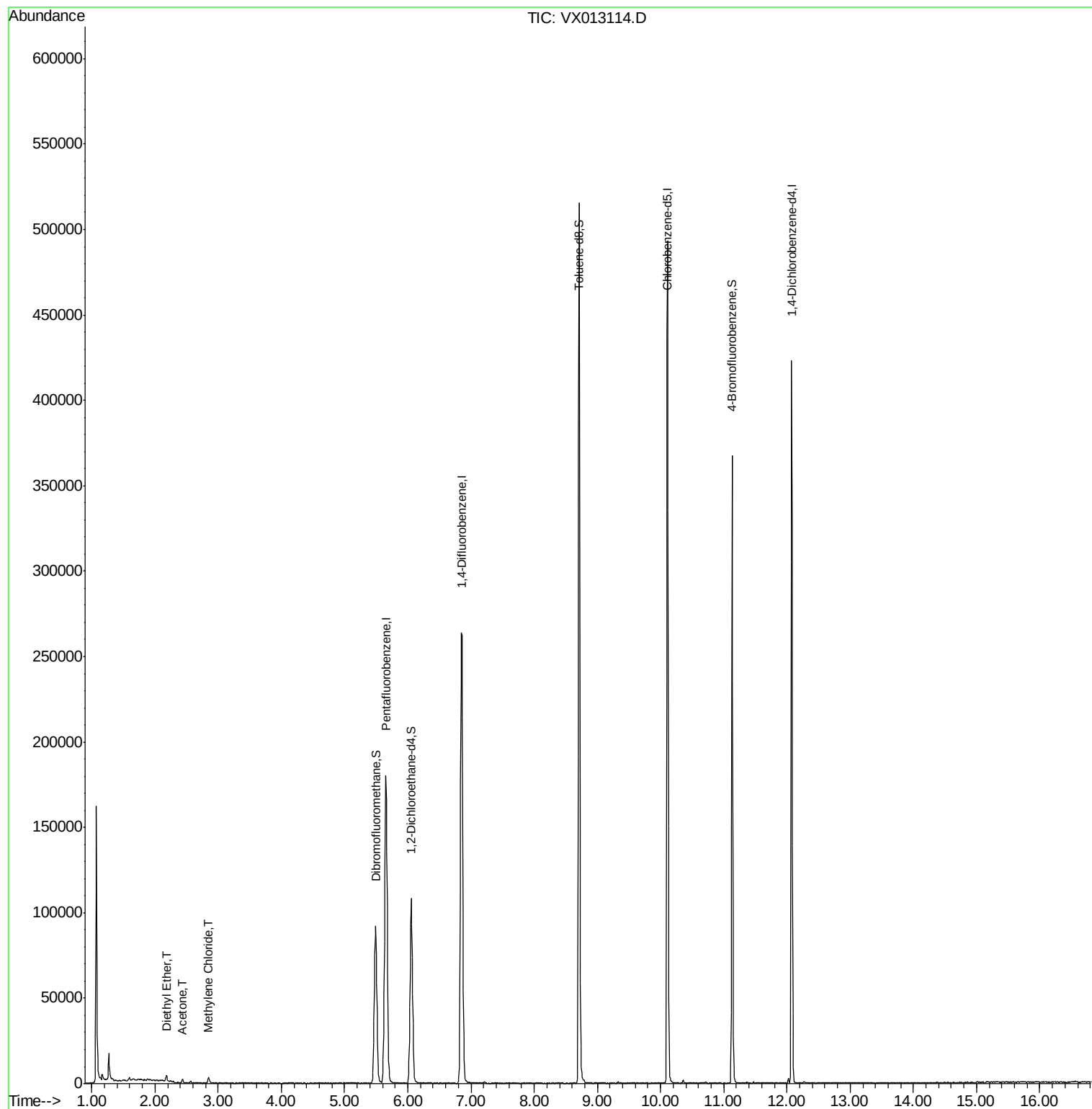
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170590	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	272358	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	222829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	82864	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	102611	48.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.26%	
35) Dibromofluoromethane	5.49	113	80382	51.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.84%	
50) Toluene-d8	8.71	98	313792	51.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.94%	
62) 4-Bromofluorobenzene	11.14	95	98031	41.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.76%	
Target Compounds						
8) Diethyl Ether	2.18	74	1115	1.048	ug/l	92
16) Acetone	2.44	43	2100	1.869	ug/l #	82
20) Methylene Chloride	2.85	84	1537	0.744	ug/l #	83

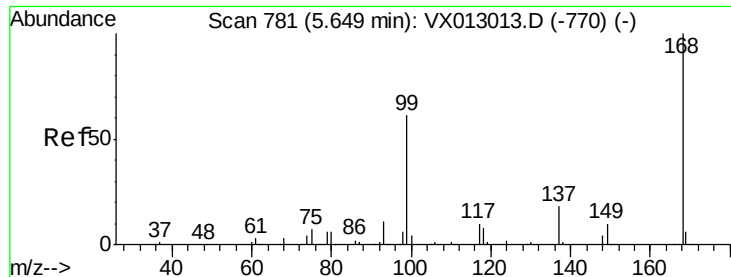
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX013114.D

Acq: 17 Oct 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

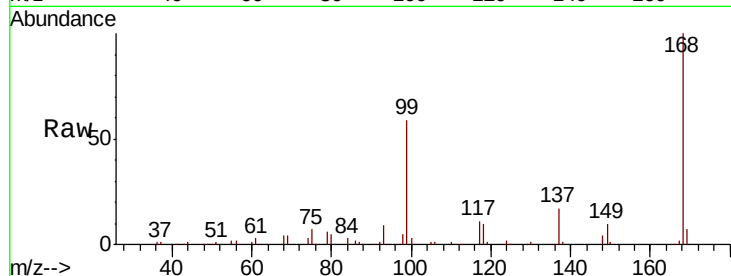
RB-01-SRI4

Tot Ion:168 Resp: 170590

Ion Ratio Lower Upper

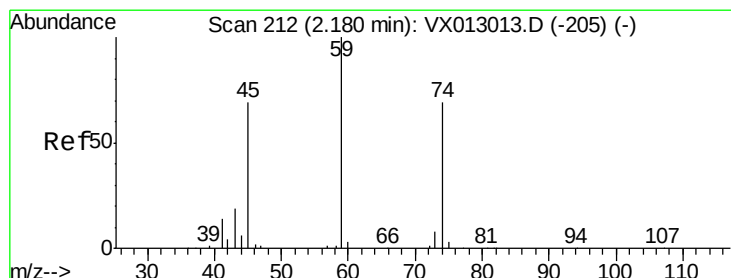
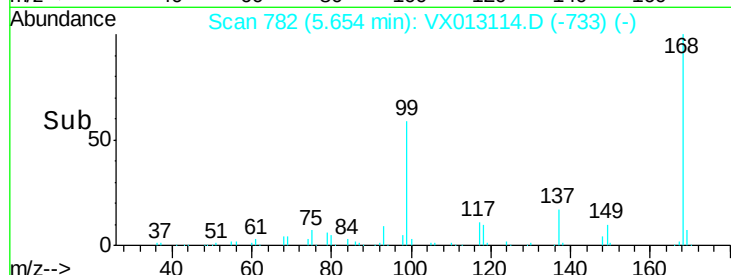
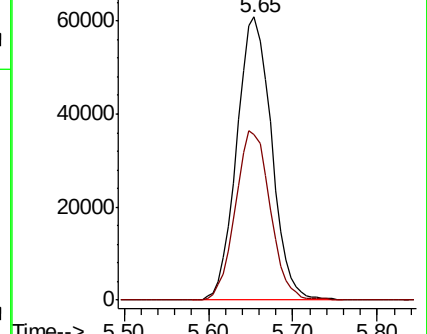
168 100

99 58.7 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#8

Diethyl Ether

Concen: 1.048 ug/l

RT: 2.18 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX013114.D

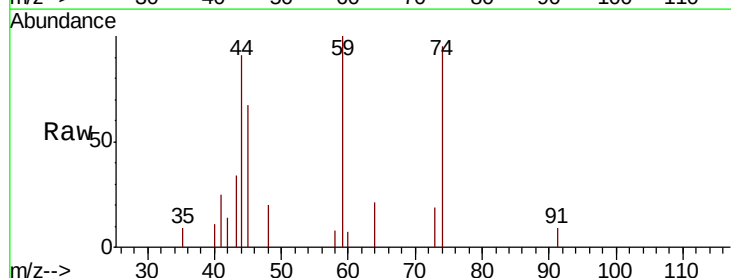
Acq: 17 Oct 2019 17:54

Tgt Ion: 74 Resp: 1115

Ion Ratio Lower Upper

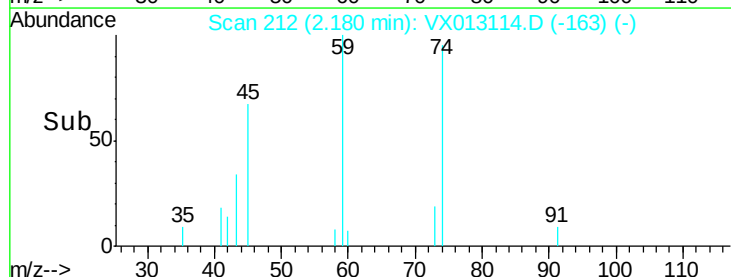
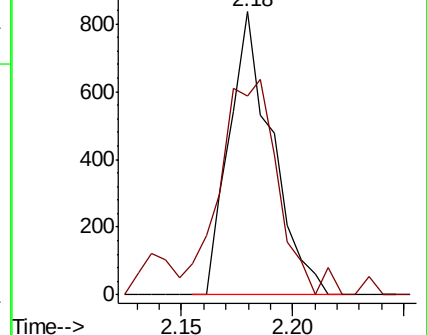
74 100

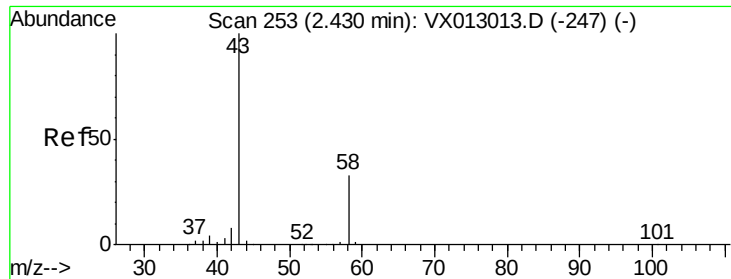
45 103.4 47.8 143.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#16

Acetone

Concen: 1.869 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013114.D

Acq: 17 Oct 2019 17:54

Instrument :

MSVOA_X

ClientSampled :

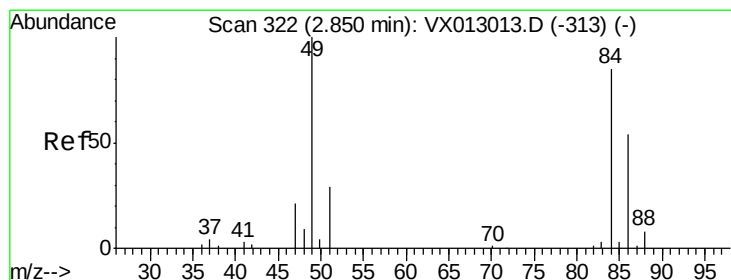
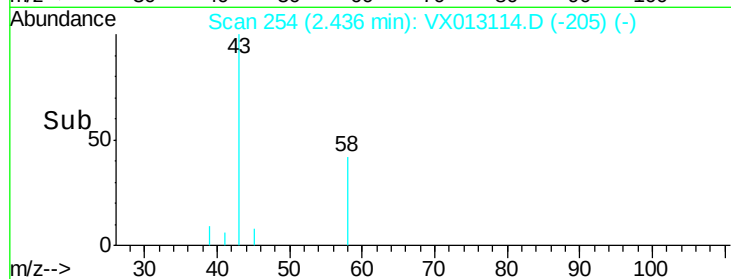
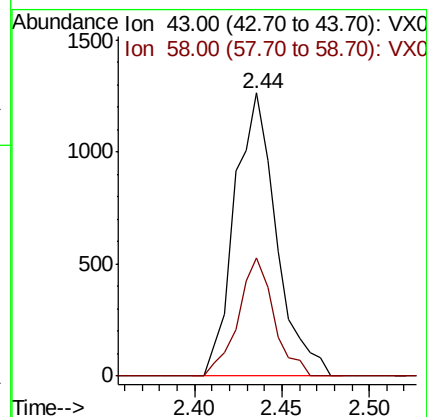
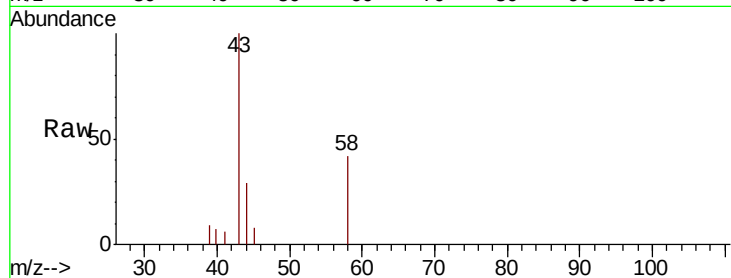
RB-01-SRI4

Tot Ion: 43 Resp: 2100

Ion Ratio Lower Upper

43 100

58 42.0 25.4 38.2#



#20

Methylene Chloride

Concen: 0.744 ug/l

RT: 2.85 min Scan# 322

Delta R.T. -0.00 min

Lab File: VX013114.D

Acq: 17 Oct 2019 17:54

Tgt Ion: 84 Resp: 1537

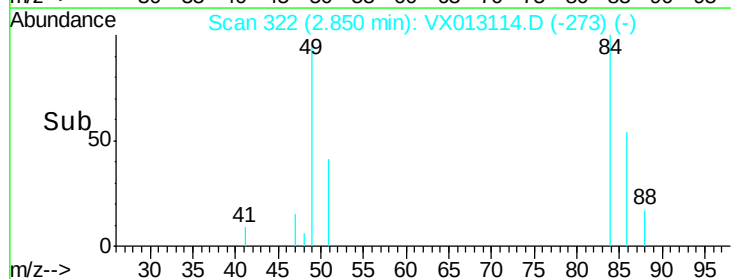
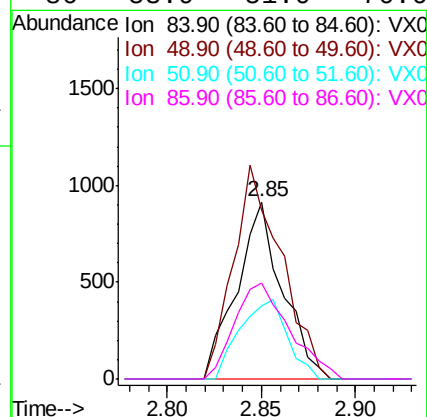
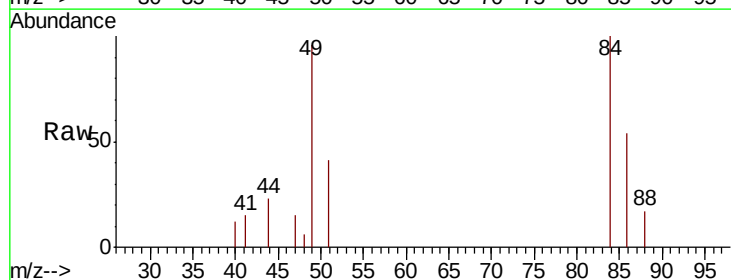
Ion Ratio Lower Upper

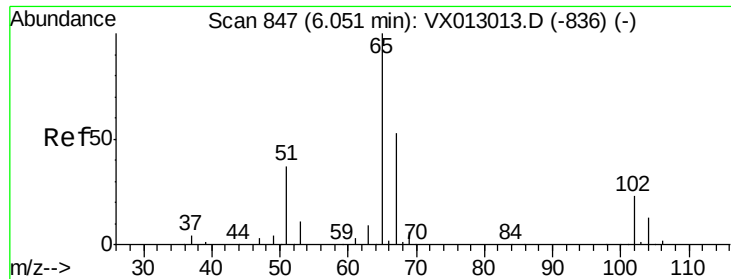
84 100

49 95.5 96.6 144.8#

51 41.0 30.7 46.1

86 53.9 51.0 76.6

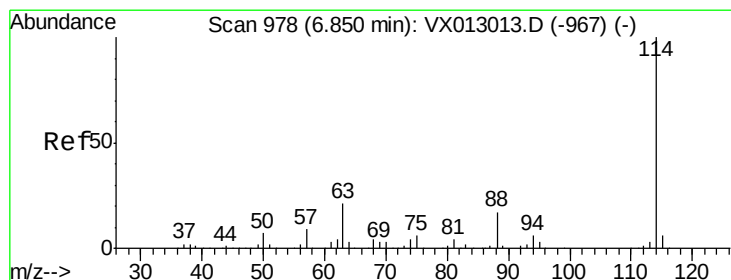
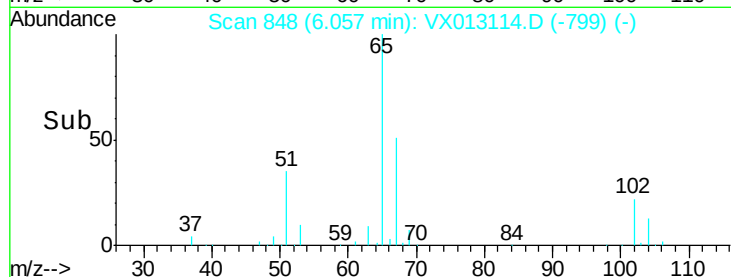
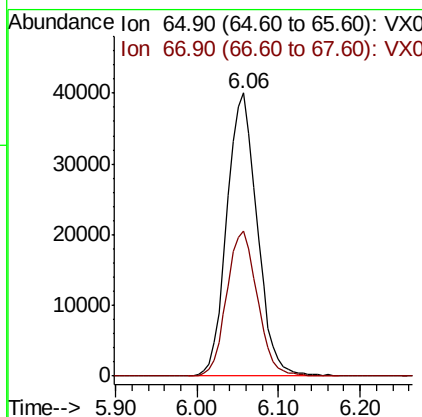
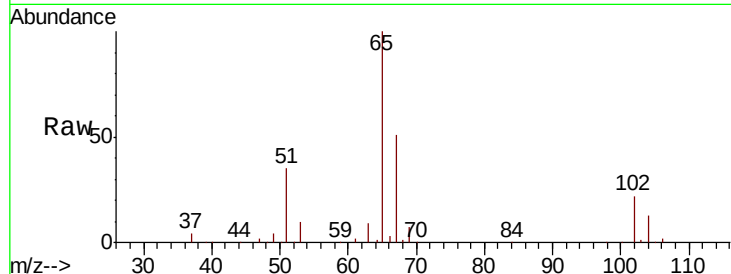




#33
 1,2-Dichloroethane-d4
 Concen: 48.125 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. -0.00 min
 Lab File: VX013114.D
 Acq: 17 Oct 2019 17:54

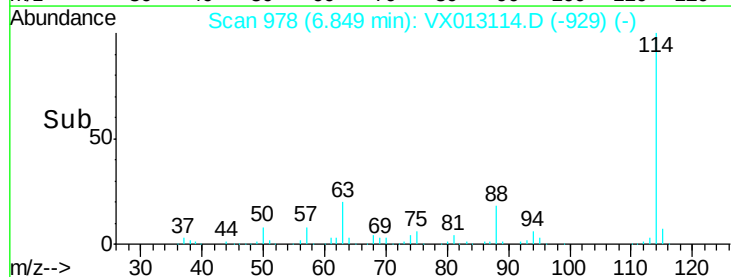
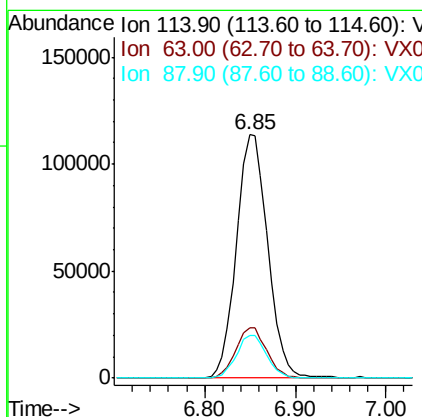
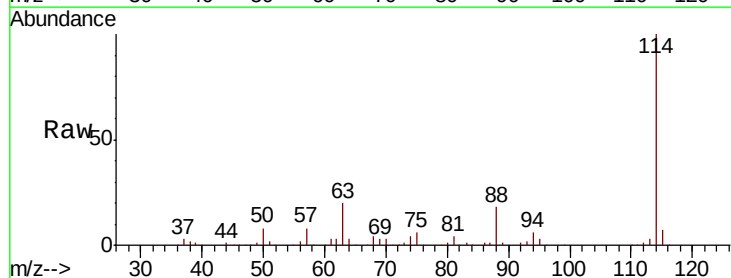
Instrument :
 MSVOA_X
 ClientSampleId :
 RB-01-SRI4

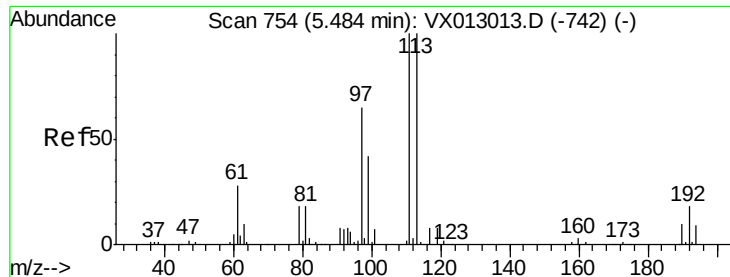
Tot Ion: 65 Resp: 102611
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 104.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX013114.D
 Acq: 17 Oct 2019 17:54

Tgt Ion: 114 Resp: 272358
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 40.8
 88 17.6 0.0 33.8





#35

Dibromofluoromethane

Concen: 51.422 ug/l

RT: 5.49 min Scan# 755

Delta R.T. -0.00 min

Lab File: VX013114.D

Acq: 17 Oct 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

RB-01-SRI4

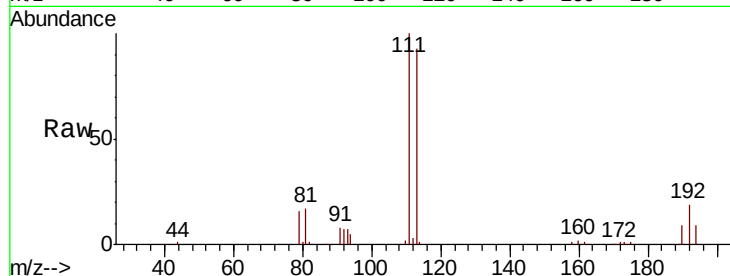
Tot Ion:113 Resp: 80382

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

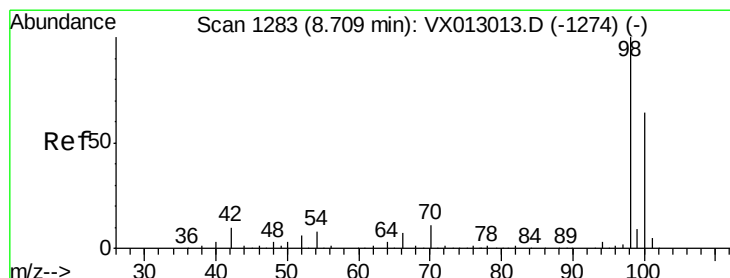
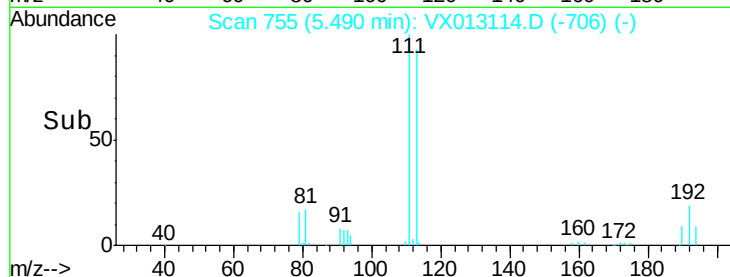
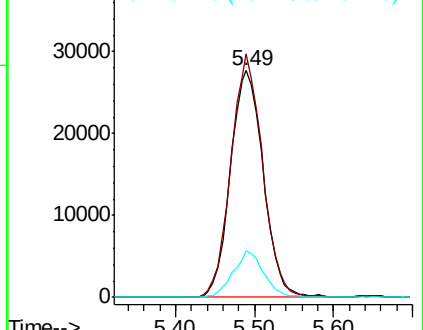
192 18.8 15.4 23.2



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: 51.468 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013114.D

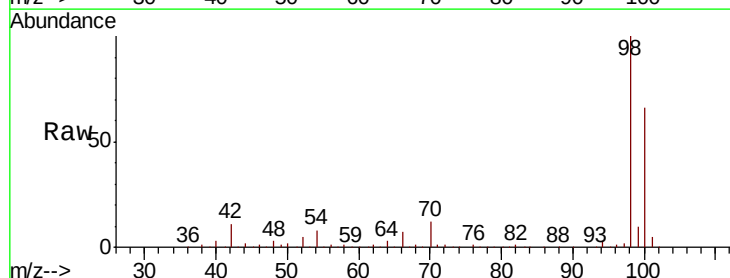
Acq: 17 Oct 2019 17:54

Tgt Ion: 98 Resp: 313792

Ion Ratio Lower Upper

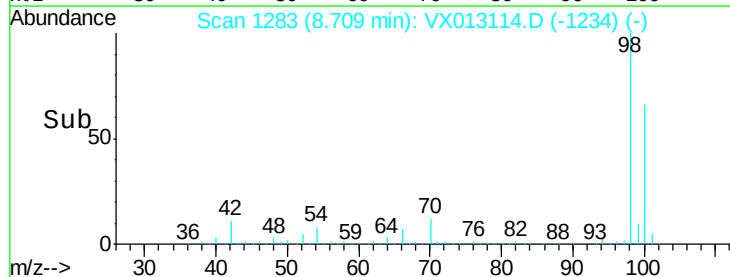
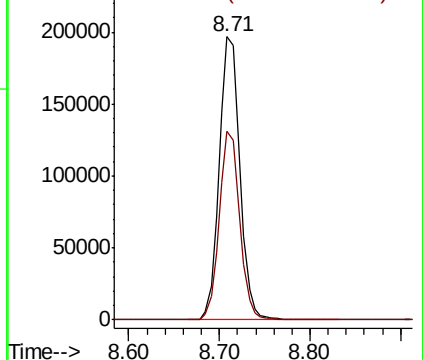
98 100

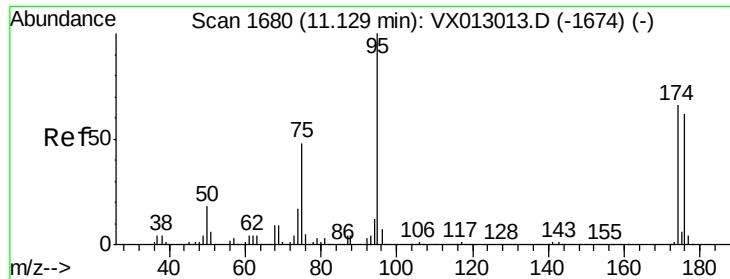
100 65.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

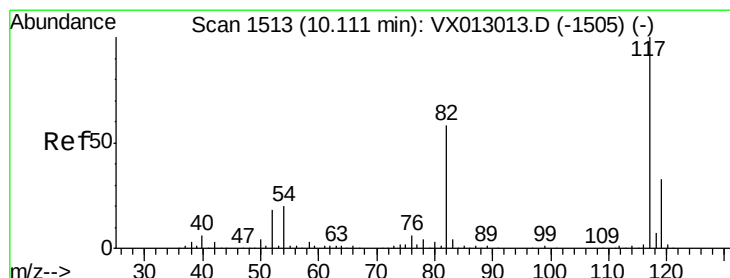
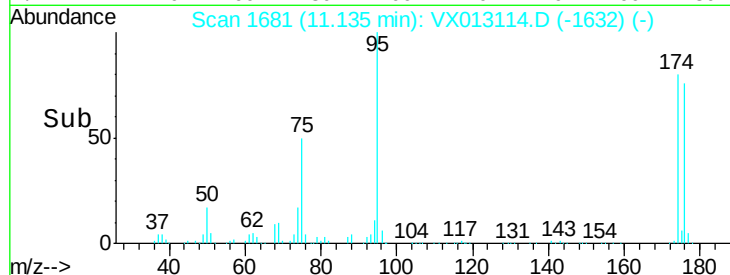
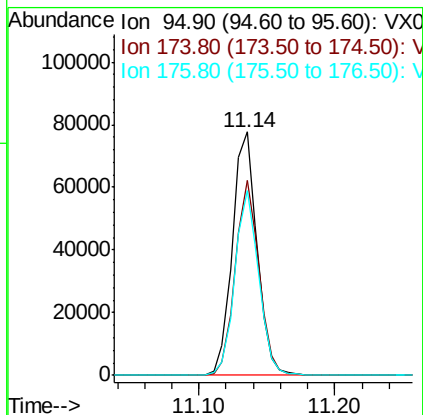
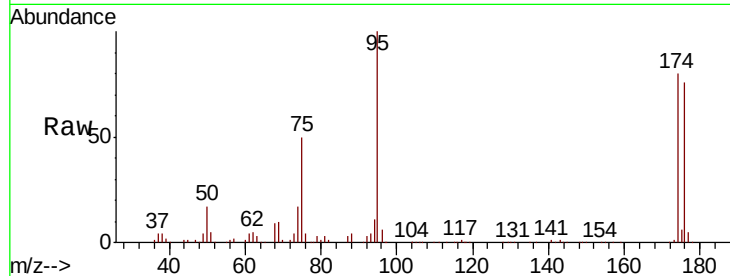




#62
4-Bromofluorobenzene
Concen: 41.381 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX013114.D
Acq: 17 Oct 2019 17:54

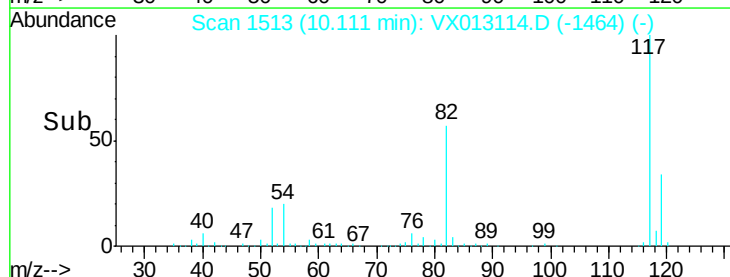
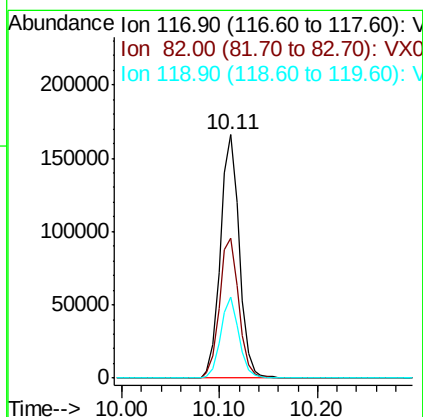
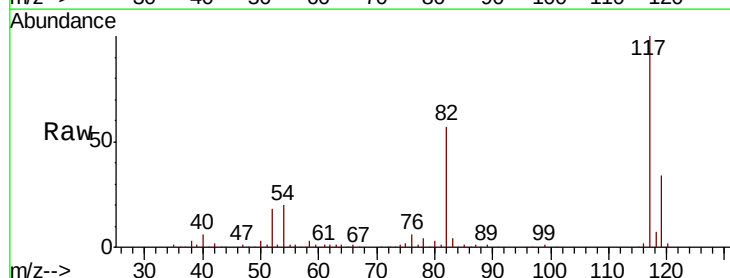
Instrument :
MSVOA_X
ClientSampleId :
RB-01-SRI4

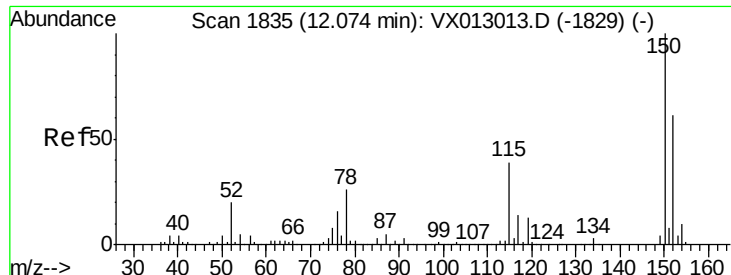
Tot Ion: 95 Resp: 98031
Ion Ratio Lower Upper
95 100
174 77.2 0.0 143.4
176 73.5 0.0 136.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013114.D
Acq: 17 Oct 2019 17:54

Tgt Ion: 117 Resp: 222829
Ion Ratio Lower Upper
117 100
82 57.4 44.1 66.1
119 33.5 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013114.D

Acq: 17 Oct 2019 17:54

Instrument :

MSVOA_X

ClientSampleId :

RB-01-SRI4

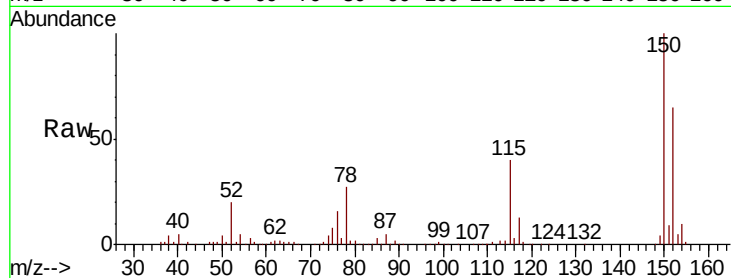
Tot Ion:152 Resp: 82864

Ion Ratio Lower Upper

152 100

115 62.2 44.5 133.5

150 155.7 0.0 353.4



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

