

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121819\
 Data File : VX014101.D
 Acq On : 18 Dec 2019 16:57
 Operator : JC/SP
 Sample : K6300-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-BFD

Quant Time: Dec 19 03:33:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

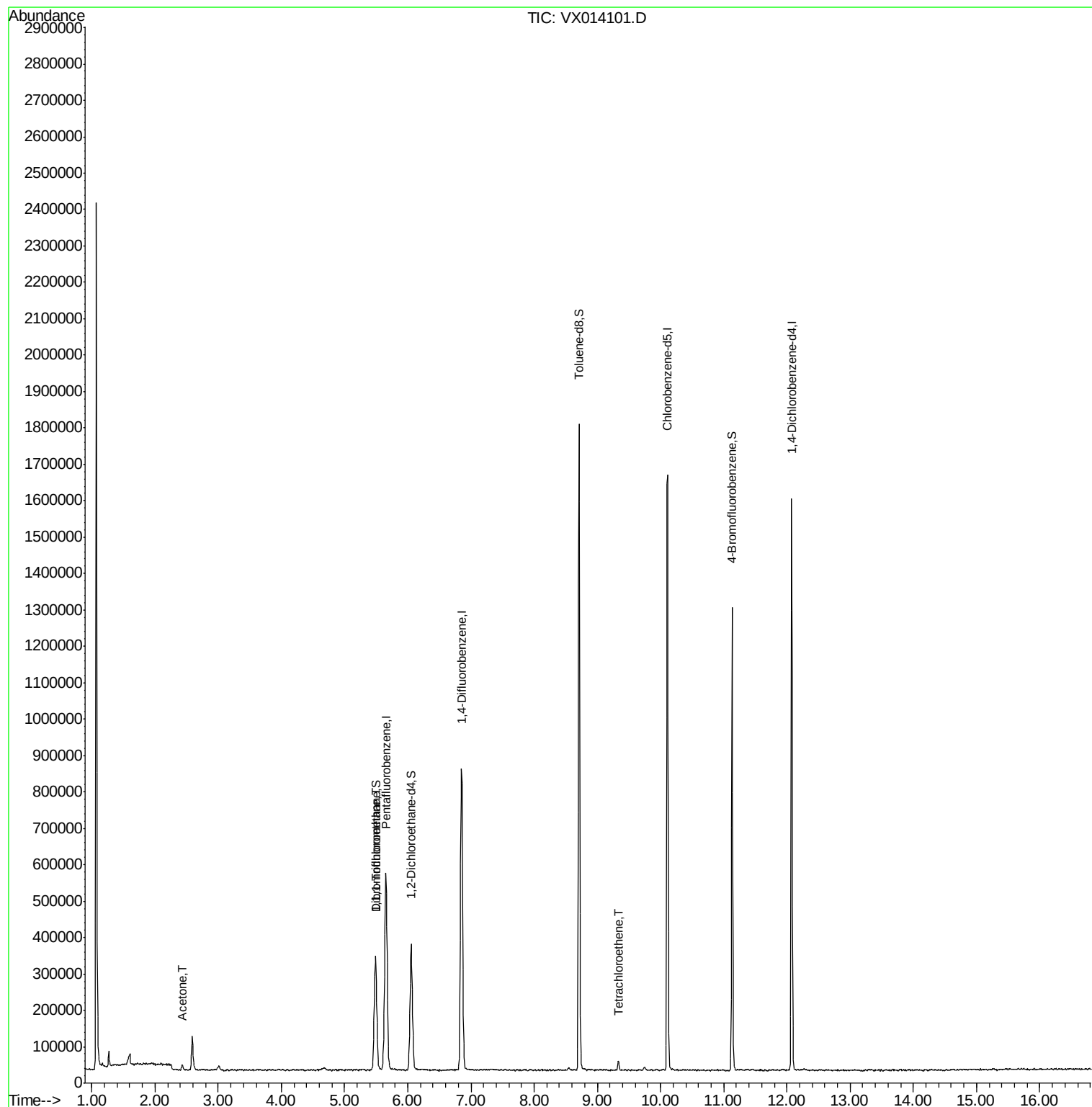
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	559625	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	864762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	775172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	329046	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	316669	49.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.86%	
35) Dibromofluoromethane	5.49	113	260941	49.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.28%	
50) Toluene-d8	8.71	98	1029753	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.64%	
62) 4-Bromofluorobenzene	11.13	95	338947	45.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.62%	
Target Compounds						
16) Acetone	2.43	43	16999	4.128	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	10909	1.267	ug/l #	50
64) Tetrachloroethene	9.33	164	6426	0.937	ug/l	93

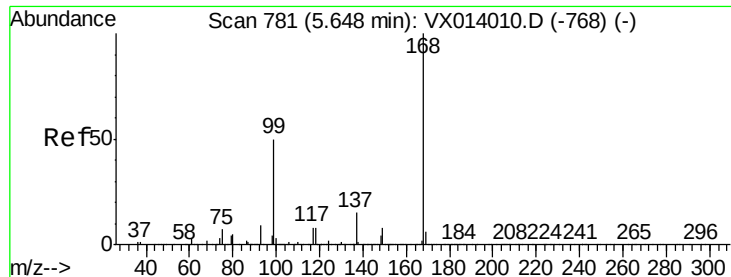
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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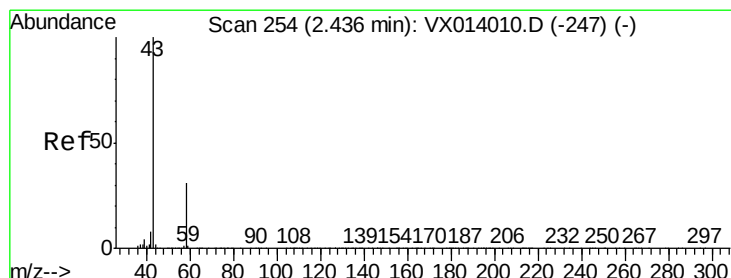
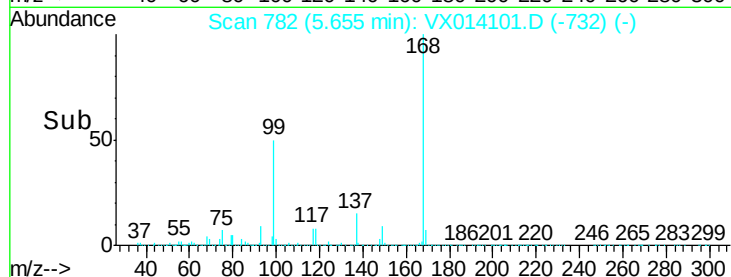
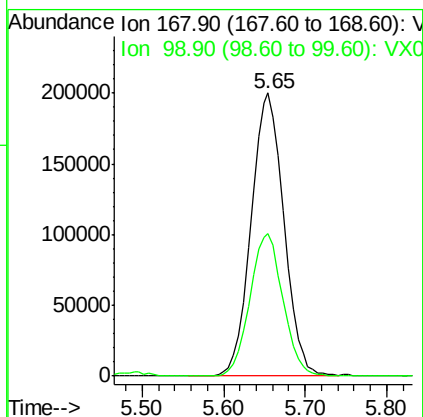
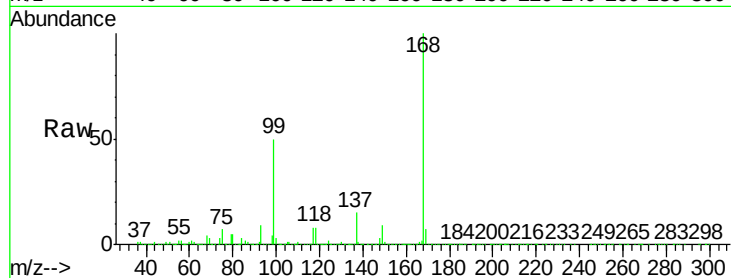


#1

Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.65 min Scan# 782
 Delta R.T. 0.01 min
 Lab File: VX014101.D
 Acq: 18 Dec 2019 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 SSI-BFD

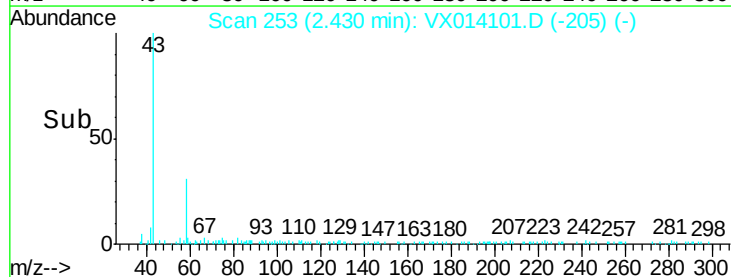
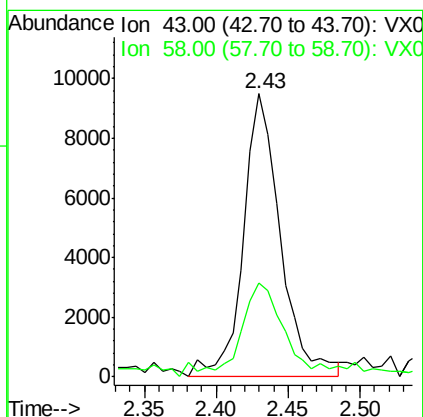
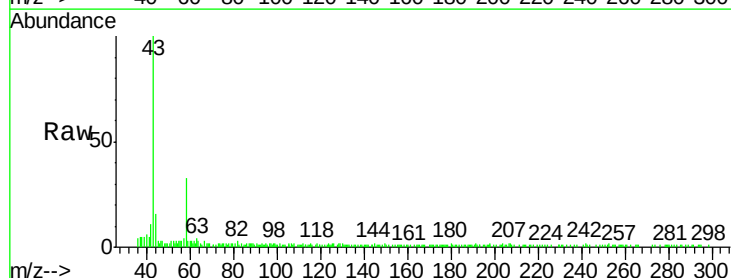
Tot Ion:168 Resp: 559625
 Ion Ratio Lower Upper
 168 100
 99 50.3 40.3 60.5

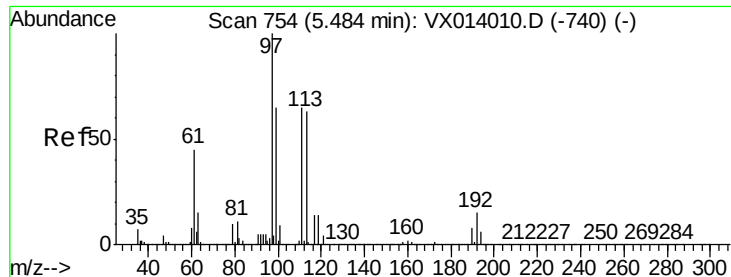


#16

Acetone
 Concen: 4.128 ug/l
 RT: 2.43 min Scan# 253
 Delta R.T. -0.01 min
 Lab File: VX014101.D
 Acq: 18 Dec 2019 16:57

Tgt Ion: 43 Resp: 16999
 Ion Ratio Lower Upper
 43 100
 58 29.6 24.9 37.3





#32

1,1,1-Trichloroethane

Concen: 1.267 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.01 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SSI-BFD

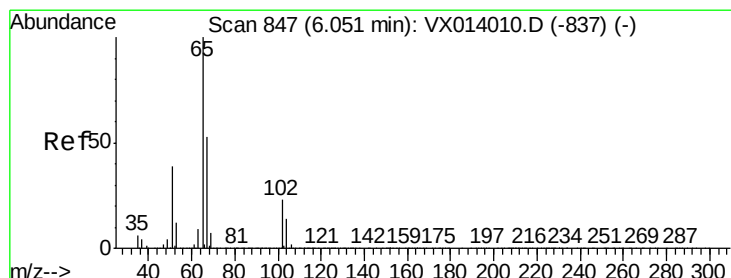
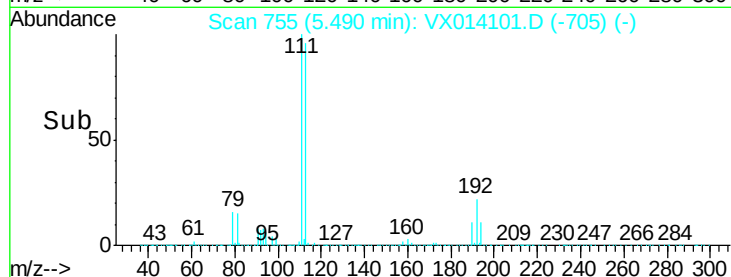
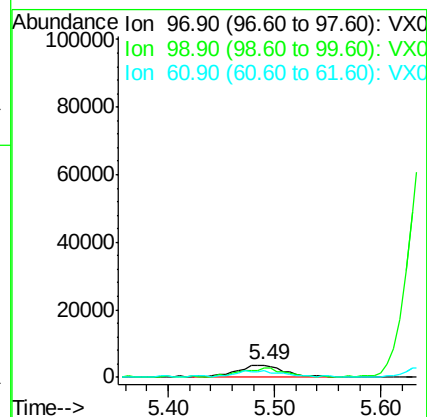
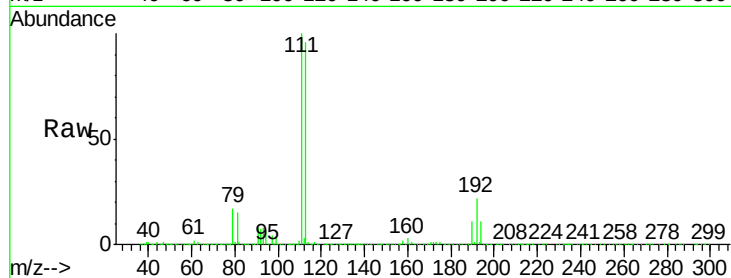
Tot Ion: 97 Resp: 10909

Ion Ratio Lower Upper

97 100

99 0.0 52.0 78.0#

61 47.8 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 49.928 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014101.D

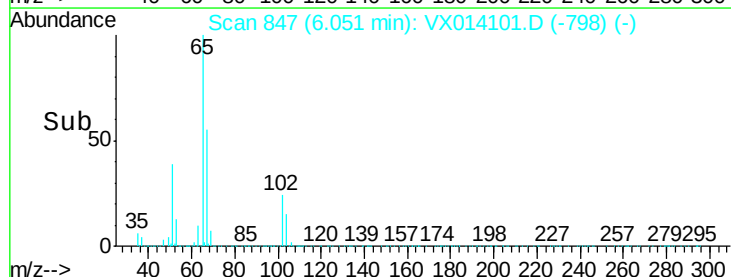
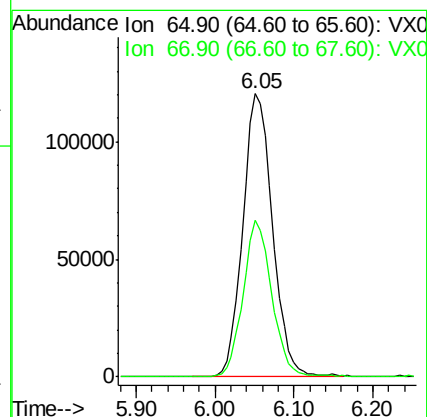
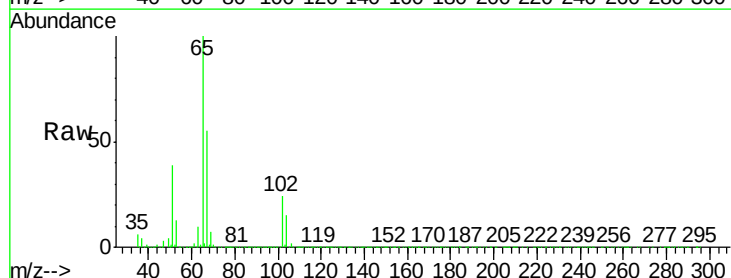
Acq: 18 Dec 2019 16:57

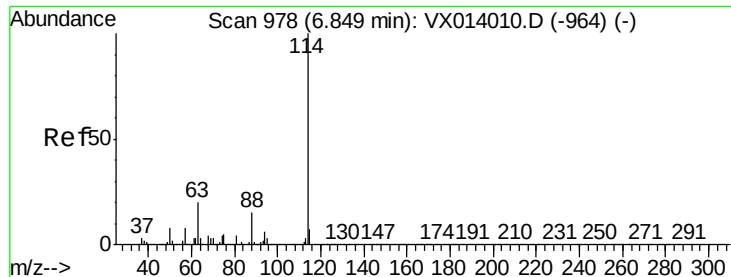
Tgt Ion: 65 Resp: 316669

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SSI-BFD

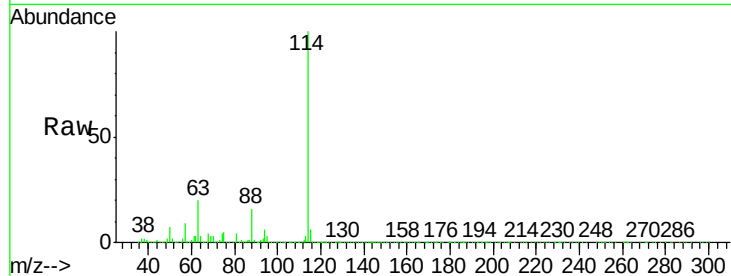
Tot Ion:114 Resp: 864762

Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.8

88 15.8 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

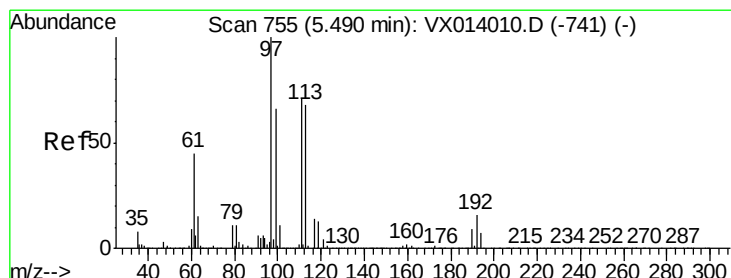
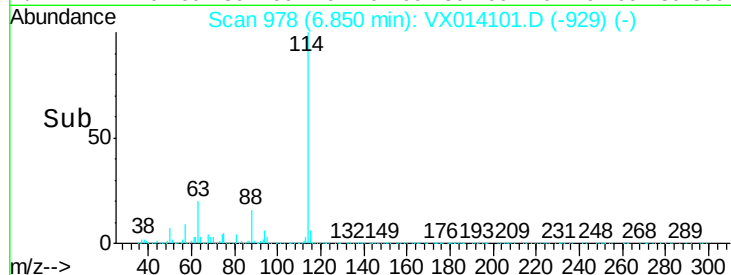
200000

100000

0

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 49.639 ug/l

RT: 5.49 min Scan# 755

Delta R.T. 0.00 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

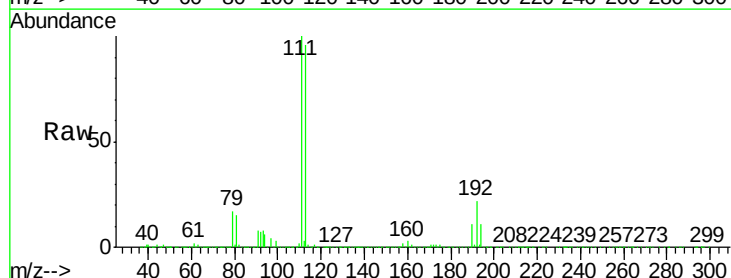
Tgt Ion:113 Resp: 260941

Ion Ratio Lower Upper

113 100

111 101.1 82.0 123.0

192 23.0 19.3 28.9



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

120000

100000

80000

60000

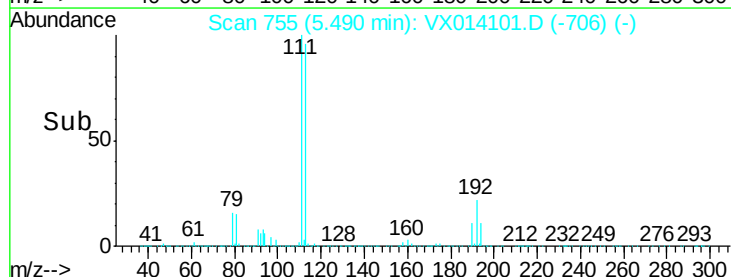
40000

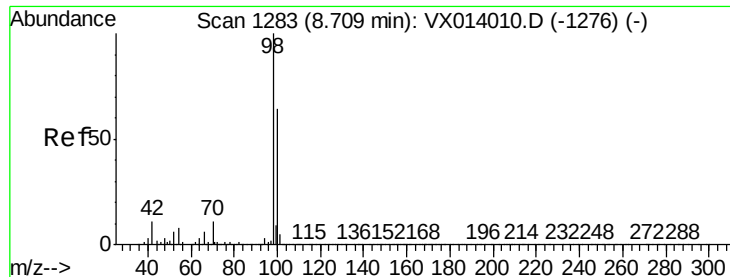
20000

0

5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 50.315 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

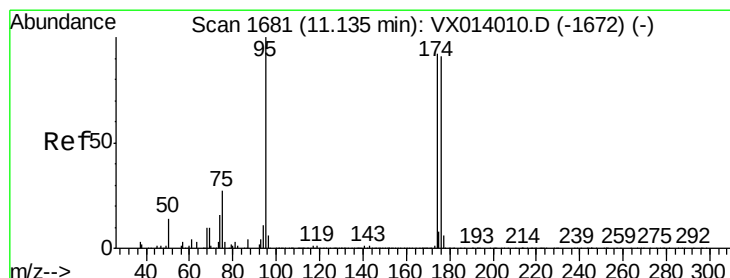
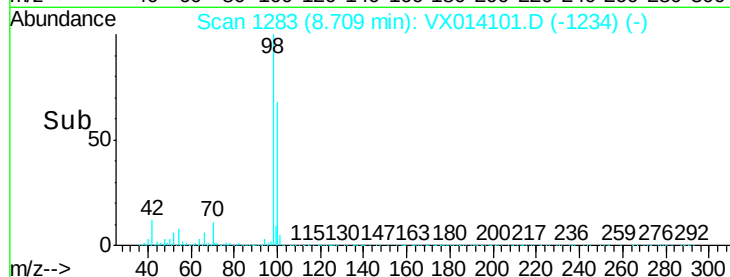
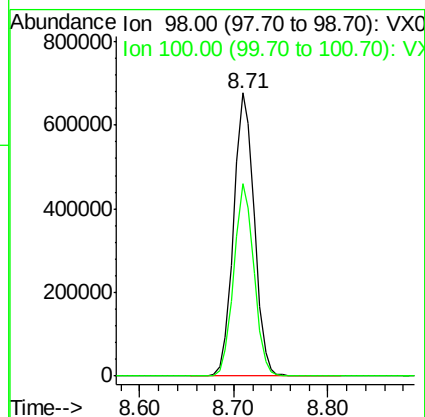
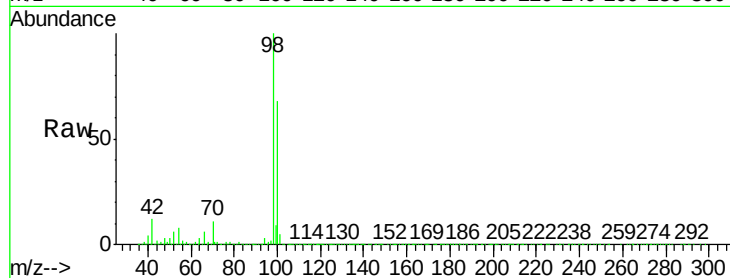
SSI-BFD

Tot Ion: 98 Resp: 1029753

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3



#62

4-Bromofluorobenzene

Concen: 45.306 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

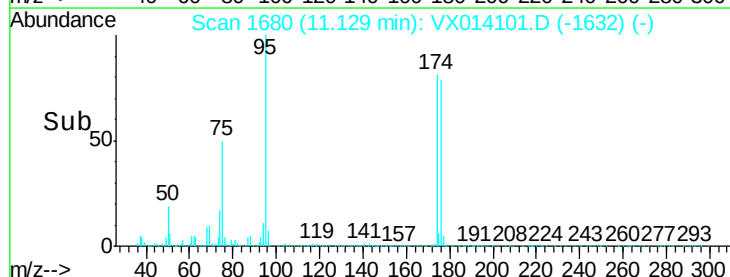
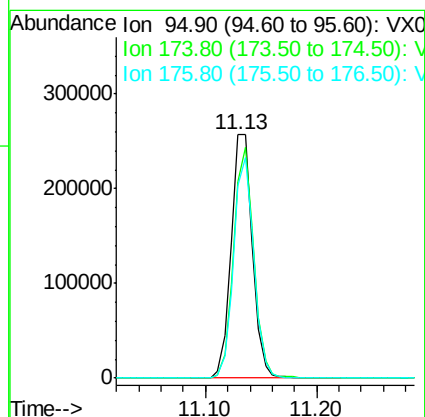
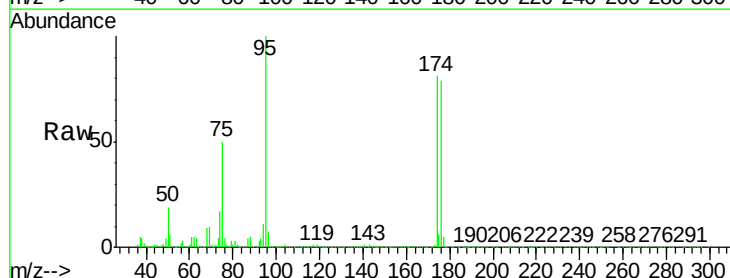
Tgt Ion: 95 Resp: 338947

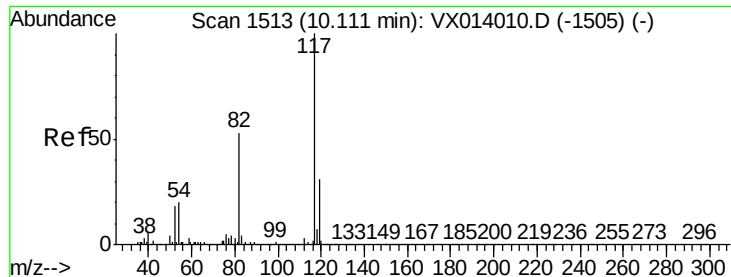
Ion Ratio Lower Upper

95 100

174 89.9 0.0 175.8

176 86.5 0.0 173.0

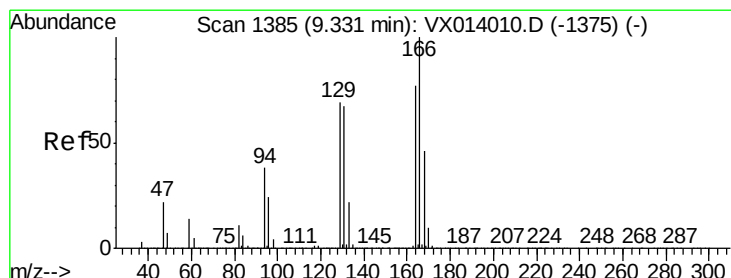
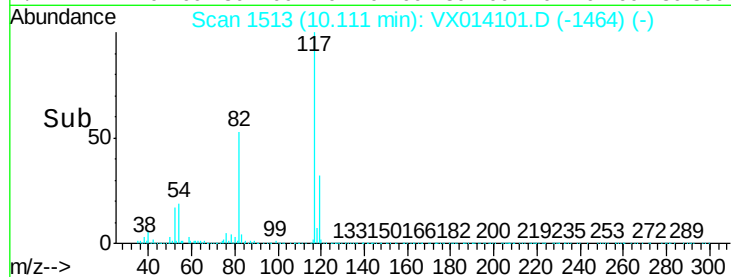
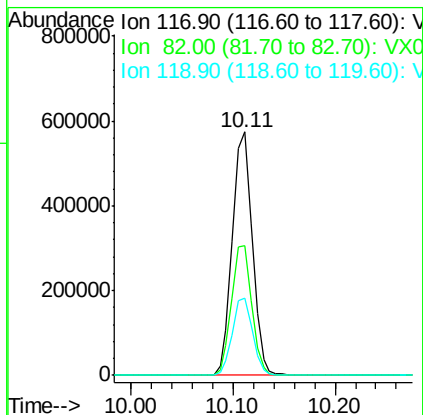
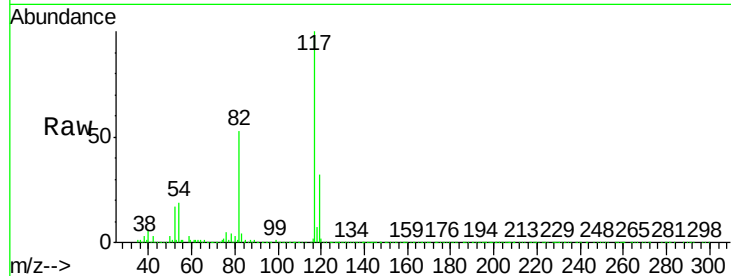




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014101.D
Acq: 18 Dec 2019 16:57

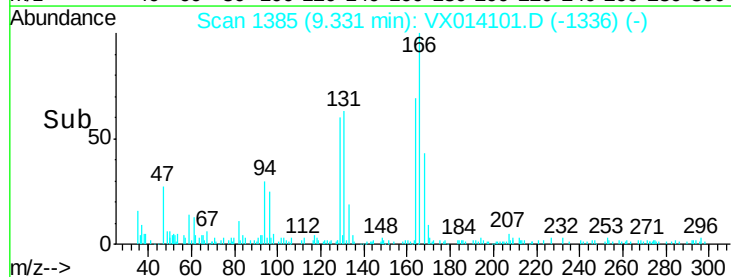
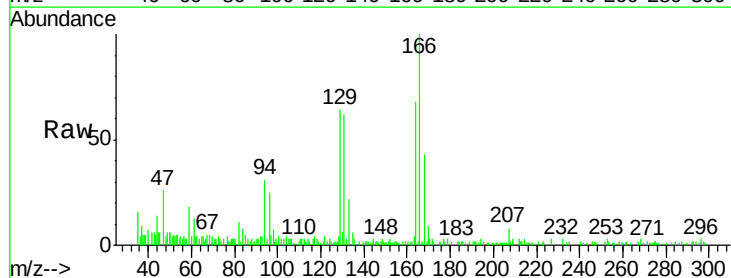
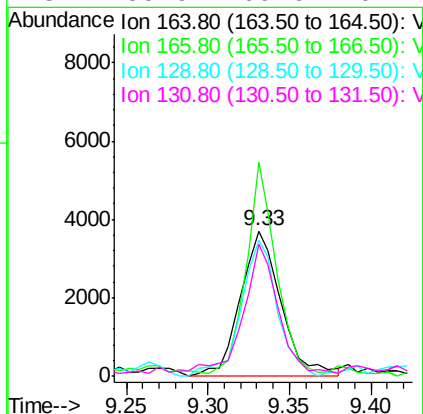
Instrument :
MSVOA_X
ClientSampleId :
SSI-BFD

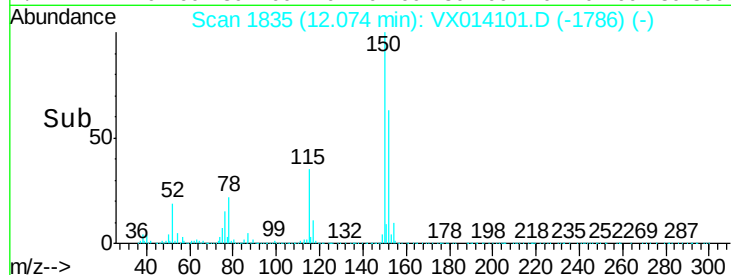
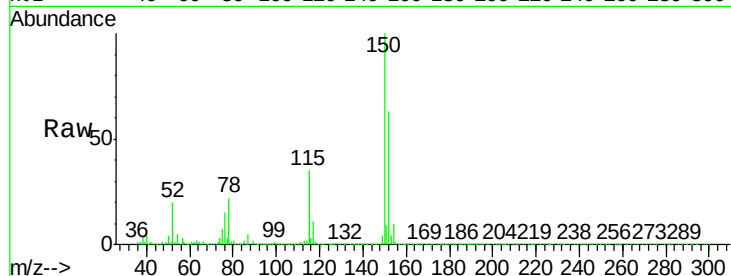
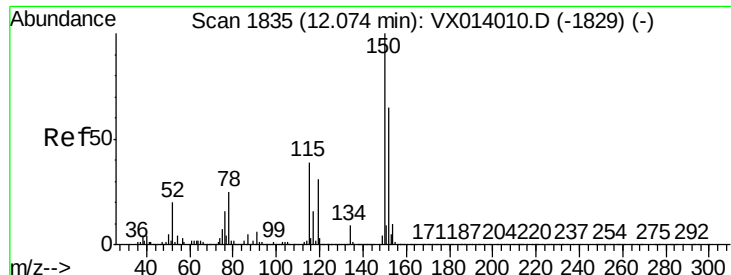
Tot Ion	Ratio	Lower	Upper
117	100		
82	53.2	42.2	63.4
119	31.5	25.1	37.7



#64
Tetrachloroethene
Concen: 0.937 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX014101.D
Acq: 18 Dec 2019 16:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	144.2	104.0	156.0
129	93.8	72.2	108.4
131	89.9	69.6	104.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX014101.D

Acq: 18 Dec 2019 16:57

Instrument :

MSVOA_X

ClientSampleId :

SSI-BFD

Tot Ion:152 Resp: 329046

Ion Ratio Lower Upper

152 100

115 55.3 38.3 114.9

150 157.4 0.0 345.4

