

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090719\
 Data File : VX012175.D
 Acq On : 07 Sep 2019 14:43
 Operator : SY/SP
 Sample : K4602-03
 Misc : 4.36g/5.0mL/MSVOA X/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T12-G4-(0)

Quant Time: Sep 08 08:09:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X090319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 03 15:26:48 2019
 Response via : Initial Calibration

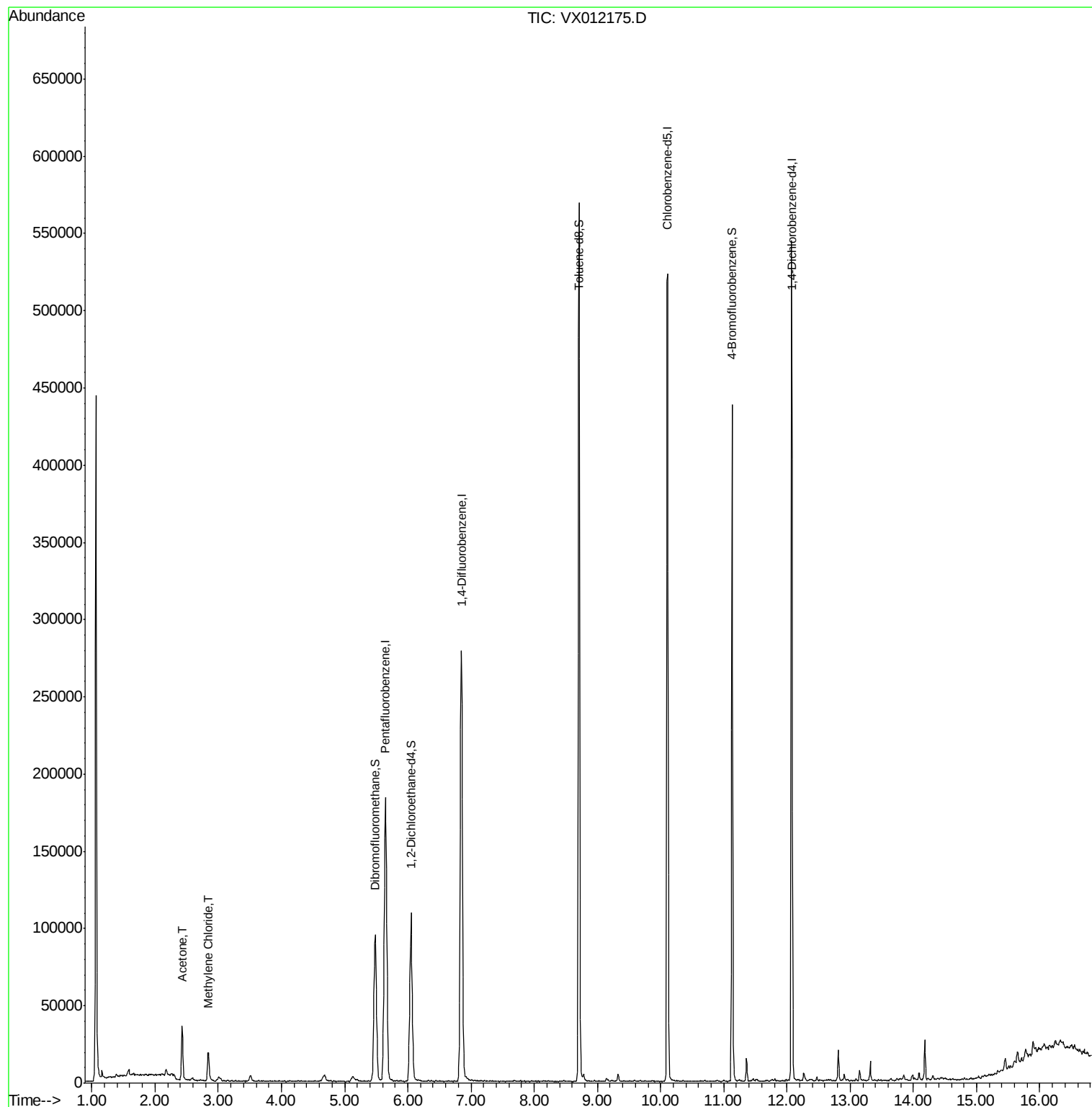
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	153709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268754	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	234955	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	100186	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	106180	50.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.12%	
35) Dibromofluoromethane	5.48	113	80314	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	
50) Toluene-d8	8.71	98	315602	52.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.08%	
62) 4-Bromofluorobenzene	11.14	95	127313	45.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.28%	
Target Compounds						
16) Acetone	2.43	43	37015	73.017	ug/l	96
20) Methylene Chloride	2.84	84	8919	4.381	ug/l	92

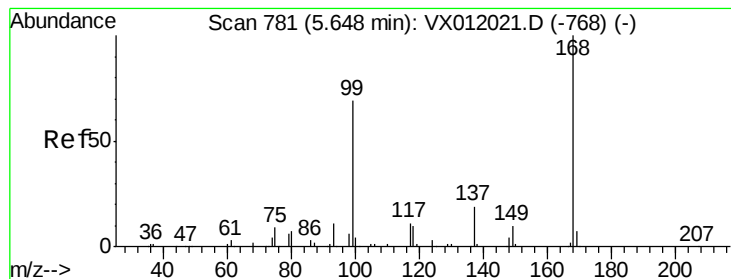
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. -0.00 min

Lab File: VX012175.D

Acq: 07 Sep 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

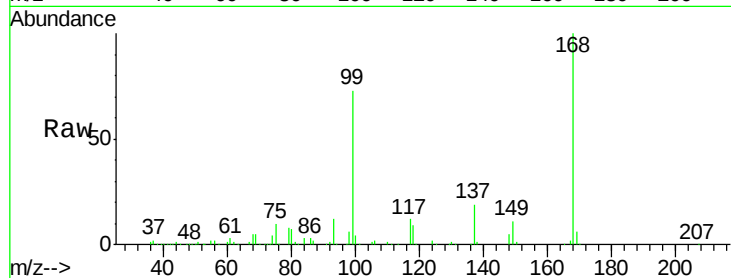
T12-G4-(0)

Tot Ion:168 Resp: 153709

Ion Ratio Lower Upper

168 100

99 72.8 37.6 56.4#



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

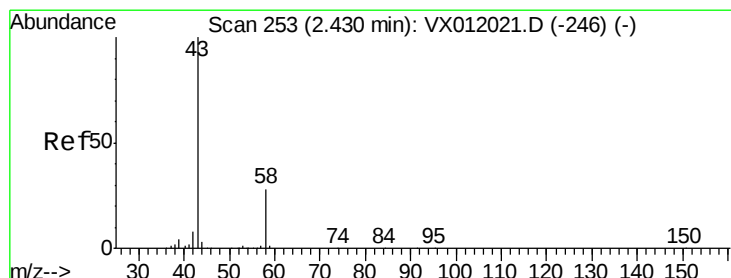
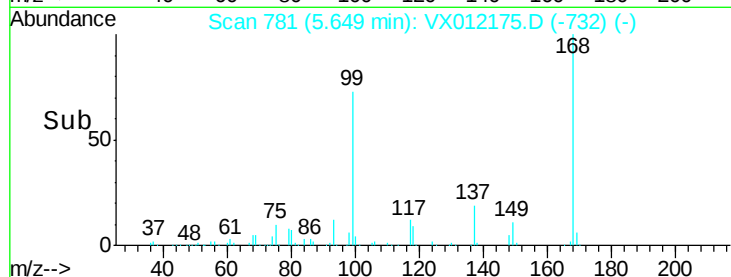
20000

10000

0

Time-->

5.50 5.60 5.70 5.80



#16

Acetone

Concen: 73.017 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.00 min

Lab File: VX012175.D

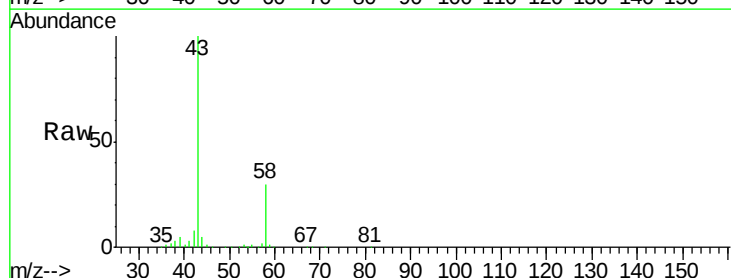
Acq: 07 Sep 2019 14:43

Tgt Ion: 43 Resp: 37015

Ion Ratio Lower Upper

43 100

58 30.5 22.8 34.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.43

25000

20000

15000

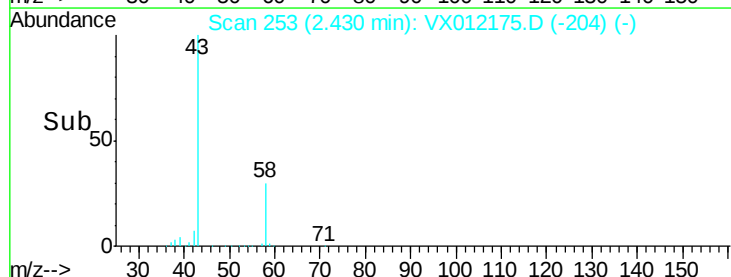
10000

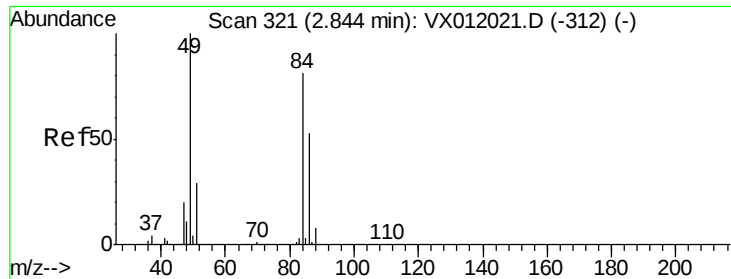
5000

0

Time-->

2.35 2.40 2.45 2.50 2.55

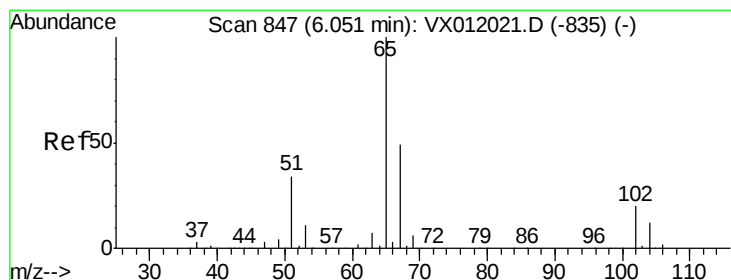
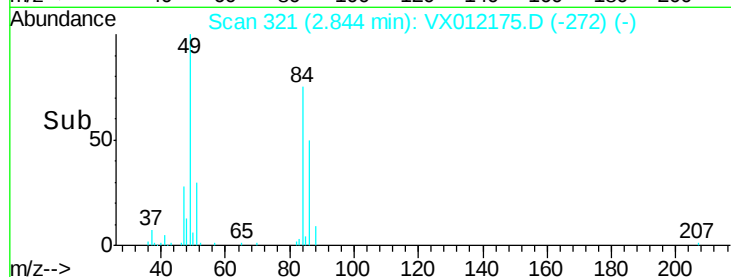
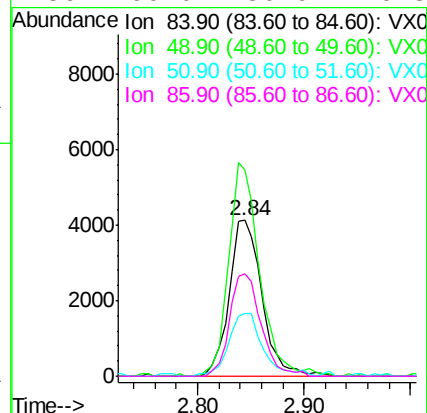
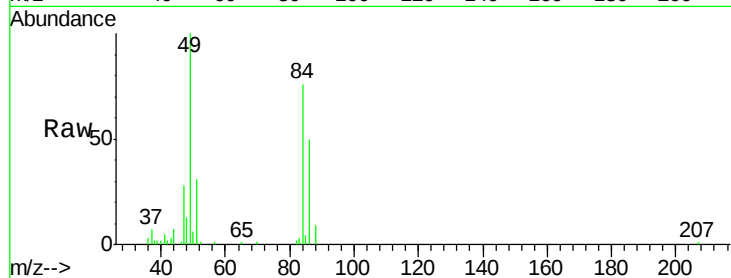




#20
Methvlene Chloride
Concen: 4.381 ug/l
RT: 2.84 min Scan# 321
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

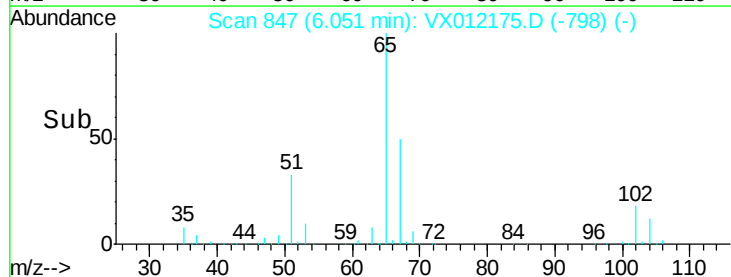
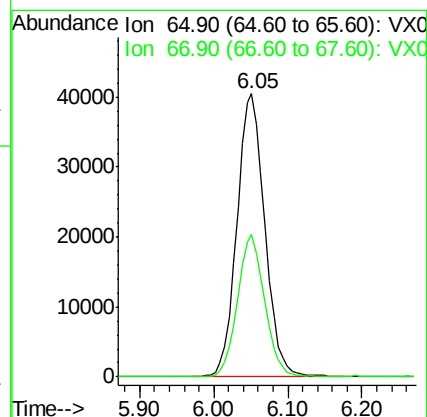
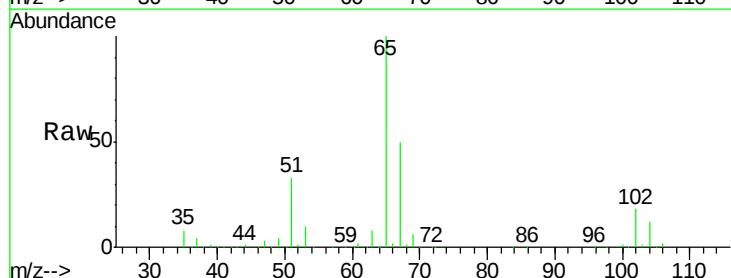
Instrument :
MSVOA_X
ClientSampleId :
T12-G4-(0)

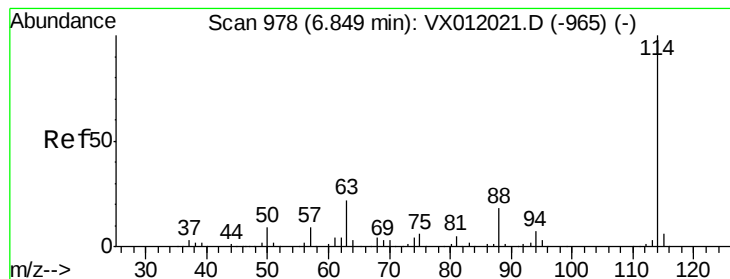
Tot Ion: 84 Resp: 8919
Ion Ratio Lower Upper
84 100
49 132.2 95.8 143.8
51 40.7 28.6 43.0
86 66.0 50.9 76.3



#33
1,2-Dichloroethane-d4
Concen: 50.064 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

Tgt Ion: 65 Resp: 106180
Ion Ratio Lower Upper
65 100
67 49.0 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. -0.00 min

Lab File: VX012175.D

Acq: 07 Sep 2019 14:43

Instrument :

MSVOA_X

ClientSampleId :

T12-G4-(0)

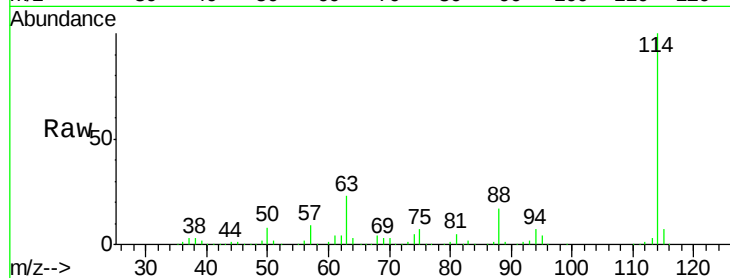
Tot Ion:114 Resp: 268754

Ion Ratio Lower Upper

114 100

63 22.9 0.0 37.4

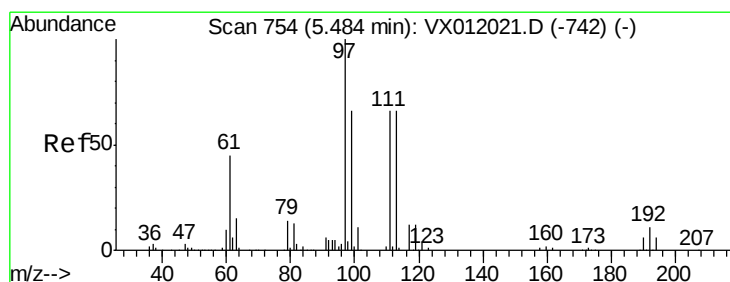
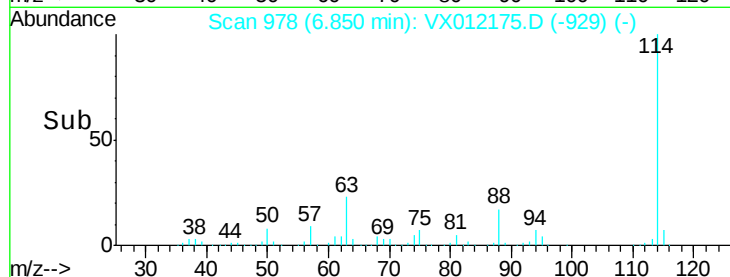
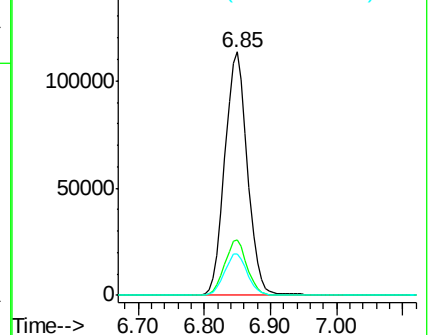
88 17.1 0.0 29.6



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



#35

Dibromofluoromethane

Concen: 48.594 ug/l

RT: 5.48 min Scan# 754

Delta R.T. -0.00 min

Lab File: VX012175.D

Acq: 07 Sep 2019 14:43

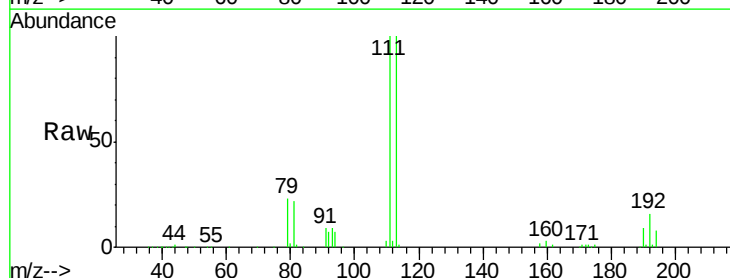
Tgt Ion:113 Resp: 80314

Ion Ratio Lower Upper

113 100

111 101.1 81.7 122.5

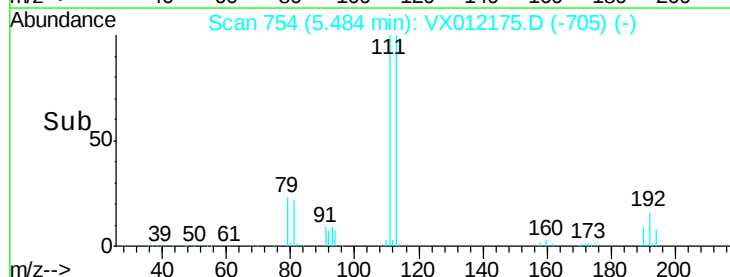
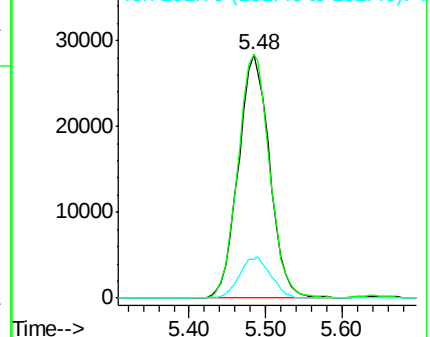
192 17.0 22.5 33.7#

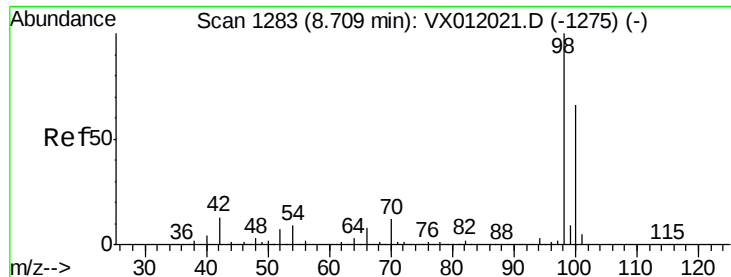


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

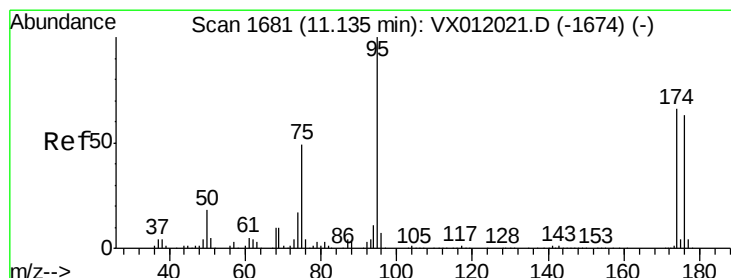
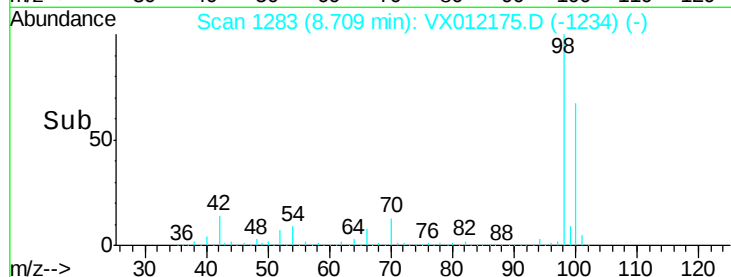
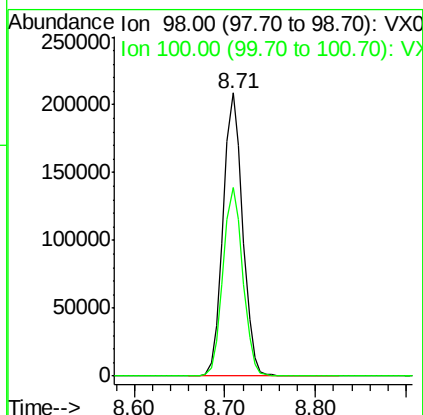
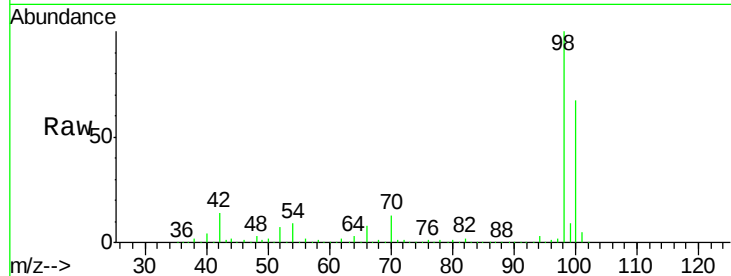




#50
Toluene-d8
Concen: 52.038 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

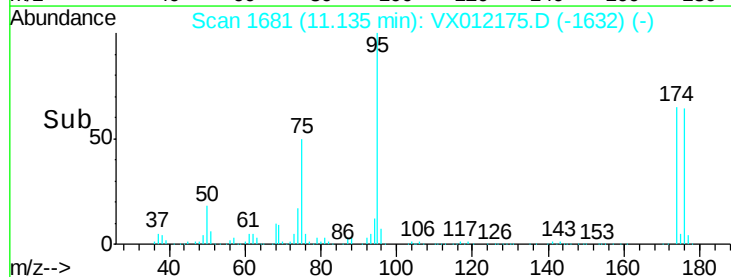
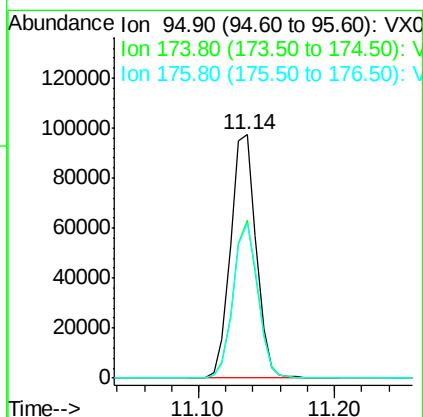
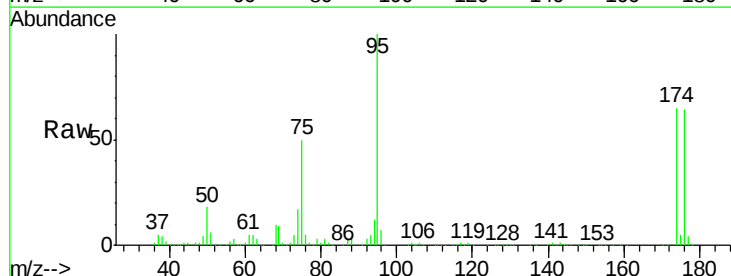
Instrument :
MSVOA_X
ClientSampleId :
T12-G4-(0)

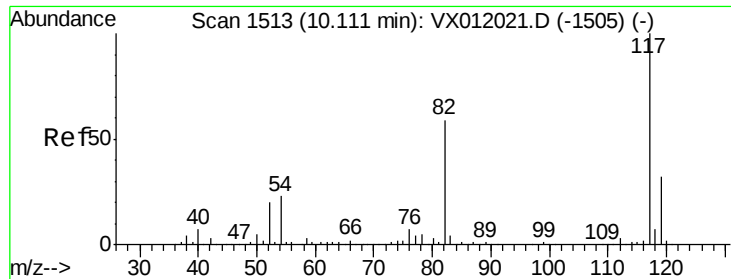
Tot Ion: 98 Resp: 315602
Ion Ratio Lower Upper
98 100
100 67.4 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 45.138 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

Tgt Ion: 95 Resp: 127313
Ion Ratio Lower Upper
95 100
174 62.2 0.0 205.4
176 61.4 0.0 201.8

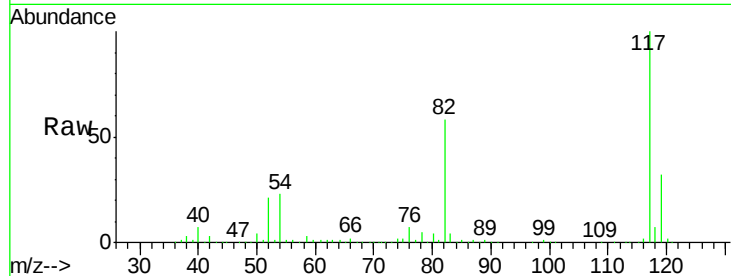




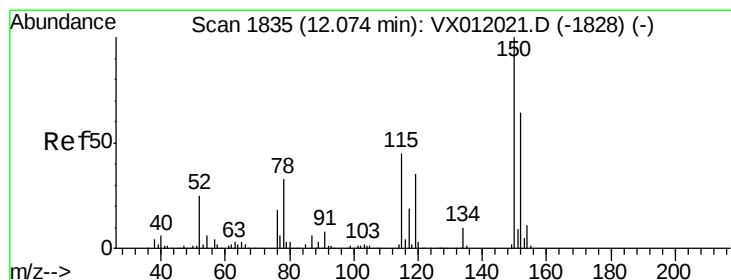
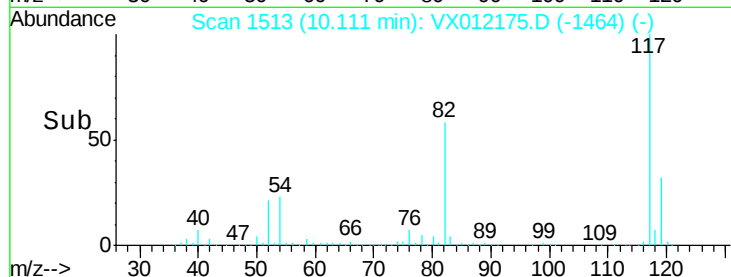
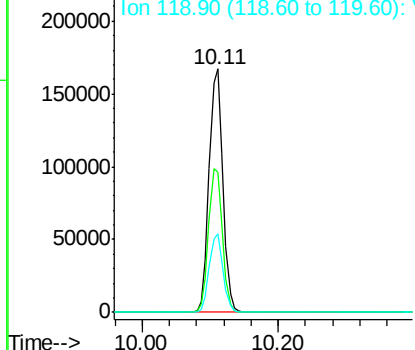
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

Instrument :
MSVOA_X
ClientSampleId :
T12-G4-(0)

Tot Ion:117 Resp: 234955
Ion Ratio Lower Upper
117 100
82 57.7 39.4 59.0
119 32.4 26.1 39.1

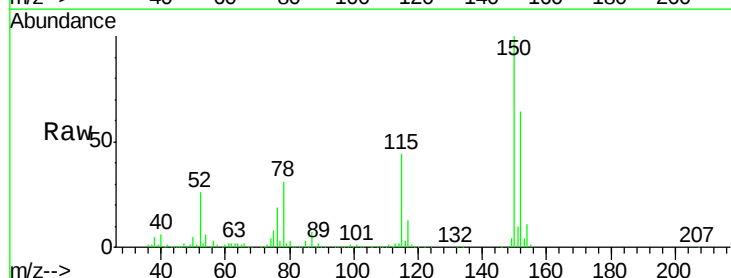


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX012175.D
Acq: 07 Sep 2019 14:43

Tgt Ion:152 Resp: 100186
Ion Ratio Lower Upper
152 100
115 66.2 36.4 109.3
150 159.1 0.0 341.2



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

