

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX042920\
 Data File : VX015977.D
 Acq On : 29 Apr 2020 15:17
 Operator : JC/SP
 Sample : L2405-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HW-7

Quant Time: Apr 30 08:14:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

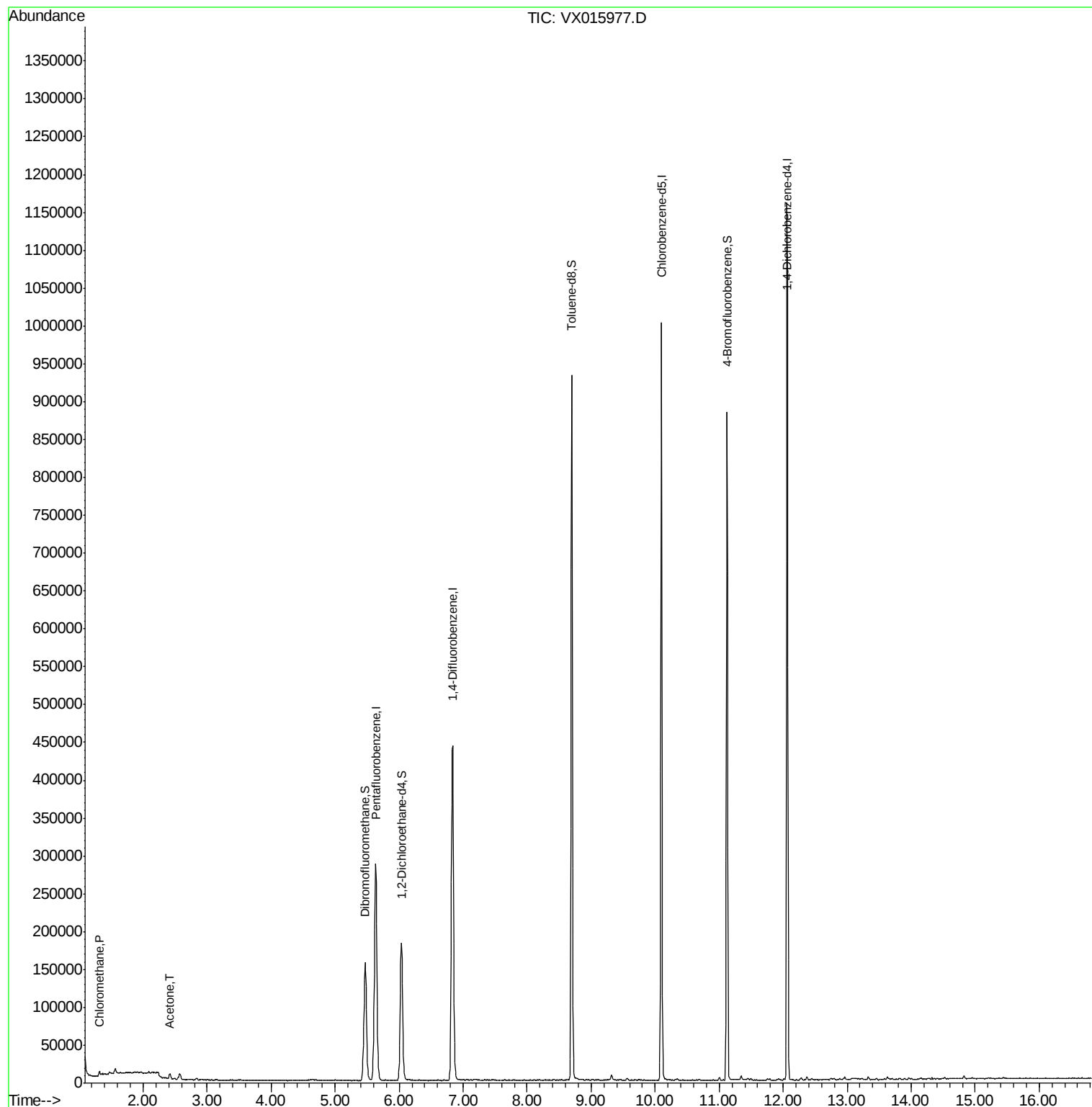
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	274050	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	442183	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	431666	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	227932	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	173222	48.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.68%	
35) Dibromofluoromethane	5.47	113	131327	47.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.22%	
50) Toluene-d8	8.70	98	541052	52.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.92%	
62) 4-Bromofluorobenzene	11.12	95	218059	53.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.82%	
Target Compounds						
3) Chloromethane	1.31	50	2706	0.910	ug/l	95
16) Acetone	2.42	43	7493	4.890	ug/l	95

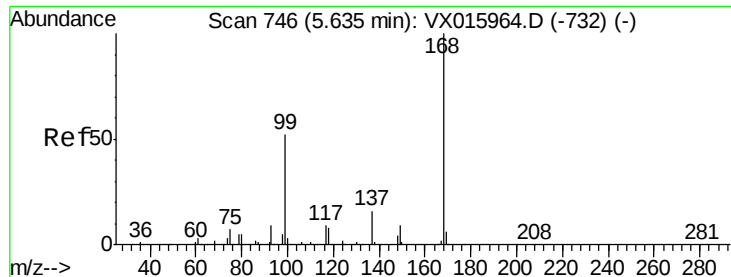
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

ClientSampleId :

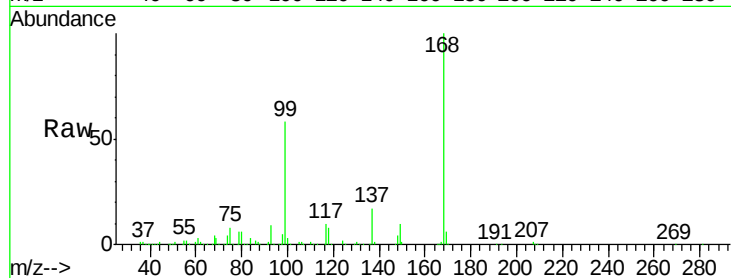
HW-7

Tot Ion:168 Resp: 274050

Ion Ratio Lower Upper

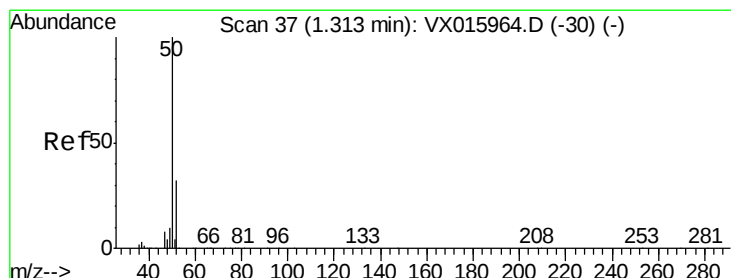
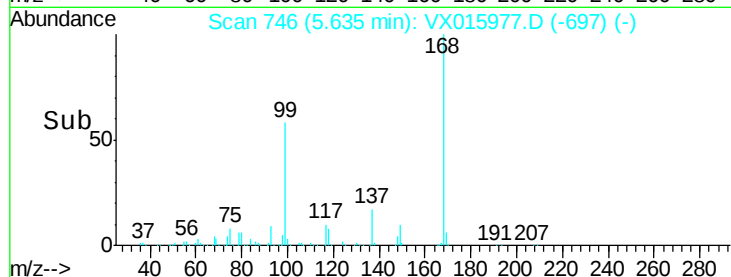
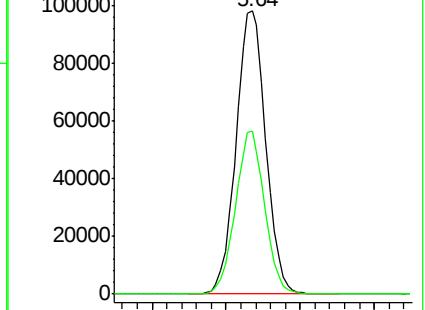
168 100

99 57.6 41.7 62.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.910 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX015977.D

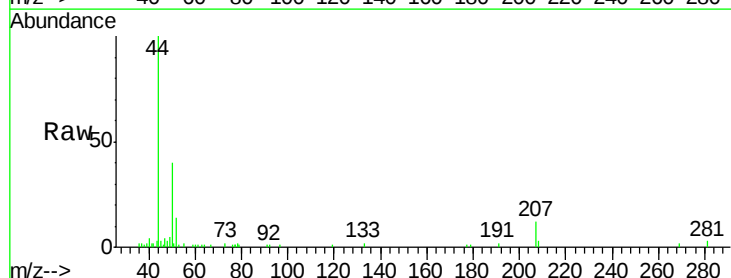
Acq: 29 Apr 2020 15:17

Tgt Ion: 50 Resp: 2706

Ion Ratio Lower Upper

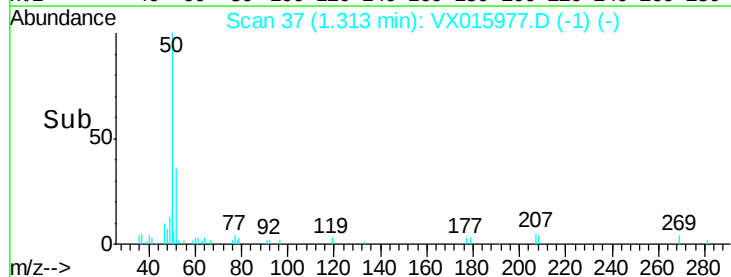
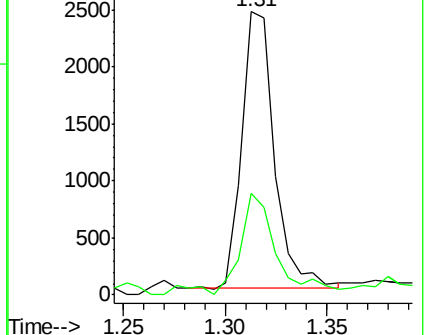
50 100

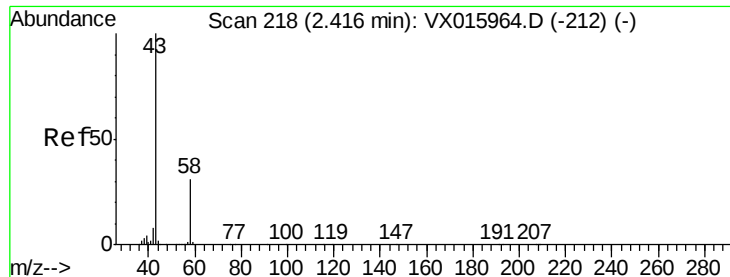
52 34.6 25.5 38.3



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 4.890 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

ClientSampleId :

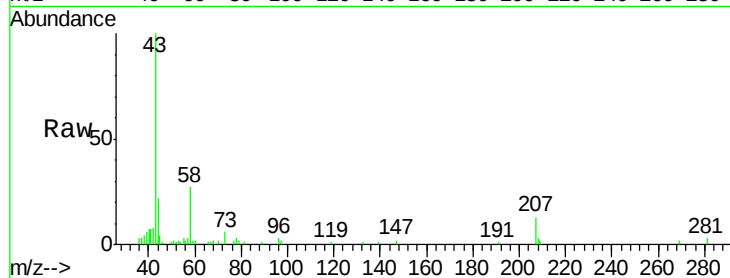
HW-7

Tot Ion: 43 Resp: 7493

Ion Ratio Lower Upper

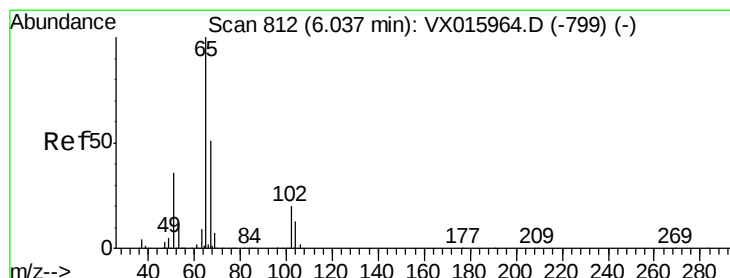
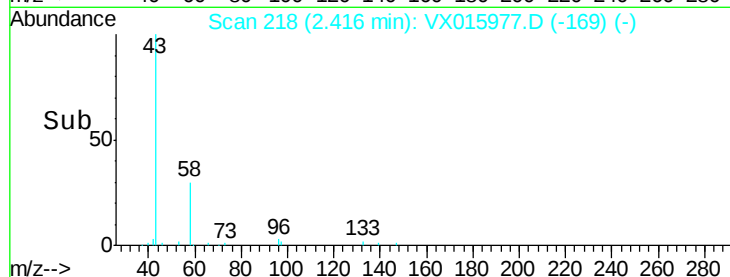
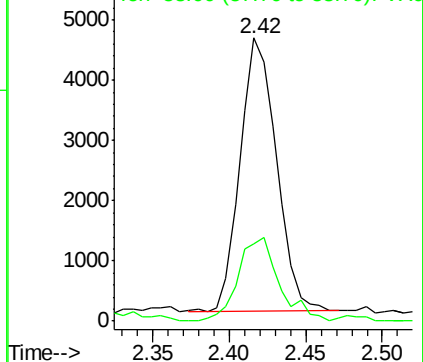
43 100

58 28.4 25.1 37.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 48.344 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.00 min

Lab File: VX015977.D

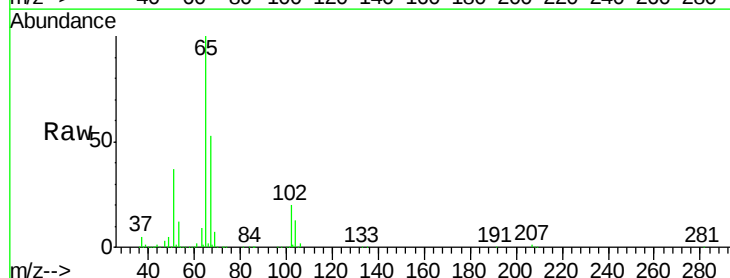
Acq: 29 Apr 2020 15:17

Tgt Ion: 65 Resp: 173222

Ion Ratio Lower Upper

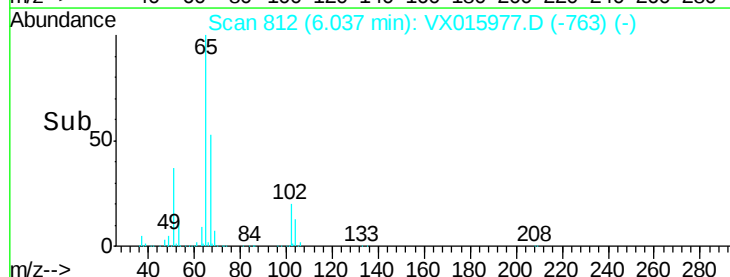
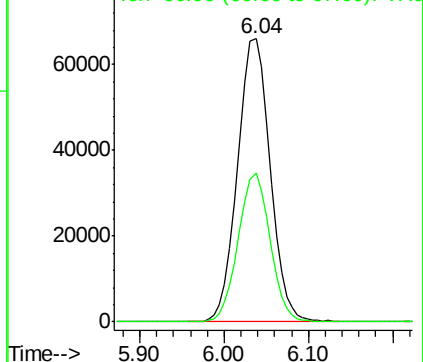
65 100

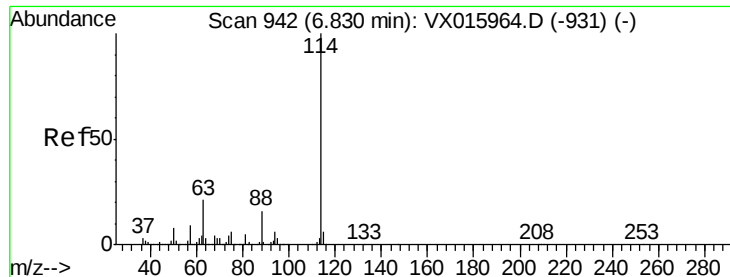
67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

ClientSampled :

HW-7

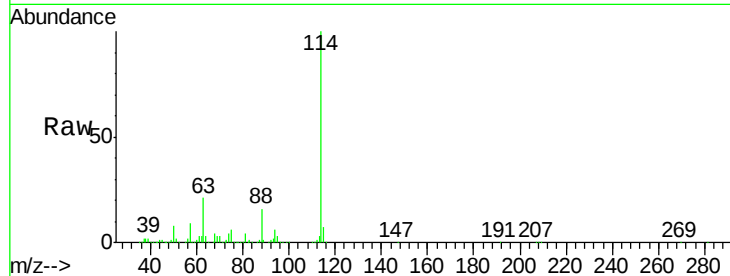
Tot Ion:114 Resp: 442183

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.2

88 15.8 0.0 31.8



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

250000

200000

150000

100000

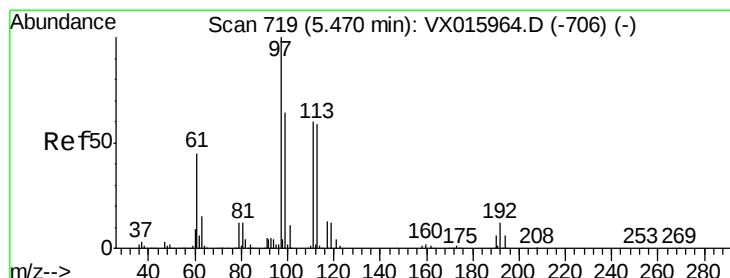
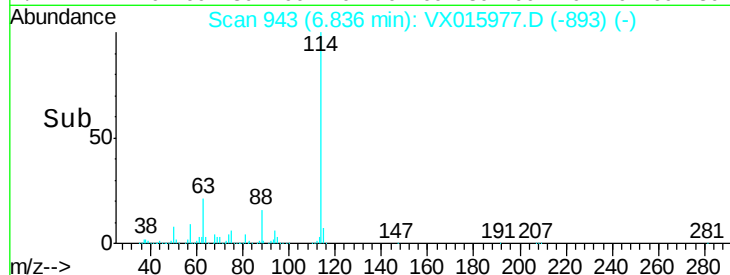
50000

0

6.84

6.70 6.80 6.90 7.00

Time-->



#35

Dibromofluoromethane

Concen: 47.611 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

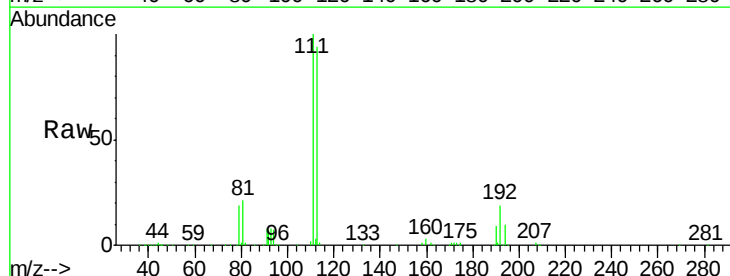
Tgt Ion:113 Resp: 131327

Ion Ratio Lower Upper

113 100

111 103.9 81.8 122.8

192 20.8 16.8 25.2



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

60000

50000

40000

30000

20000

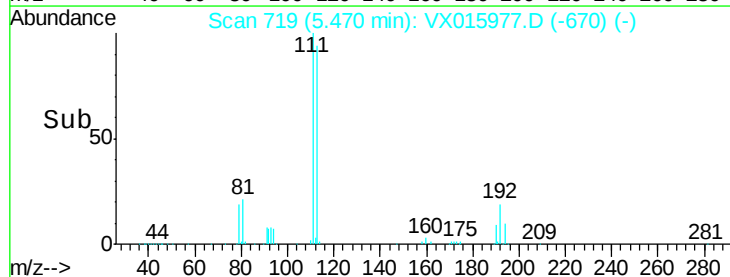
10000

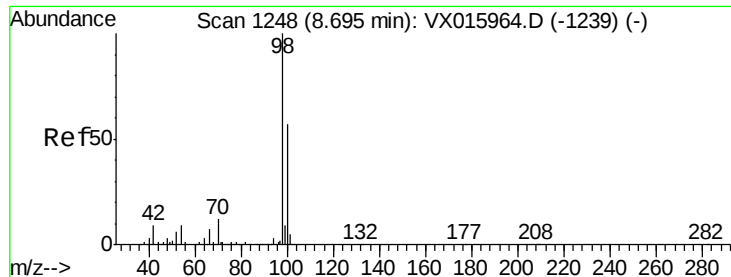
0

5.47

5.30 5.40 5.50 5.60

Time-->





#50

Toluene-d8

Concen: 52.462 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

Instrument :

MSVOA_X

ClientSampleId :

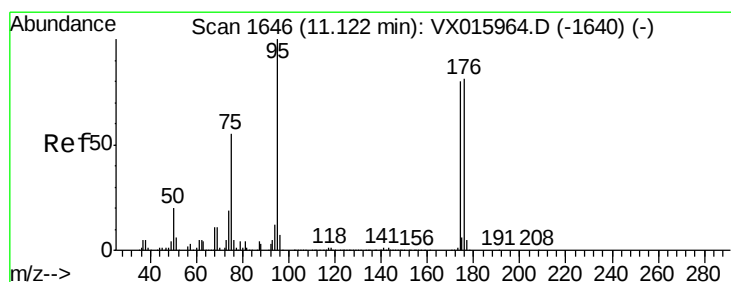
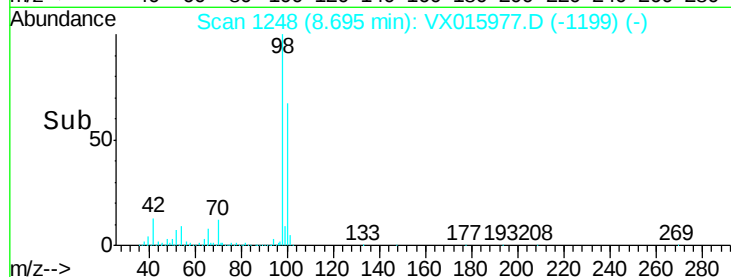
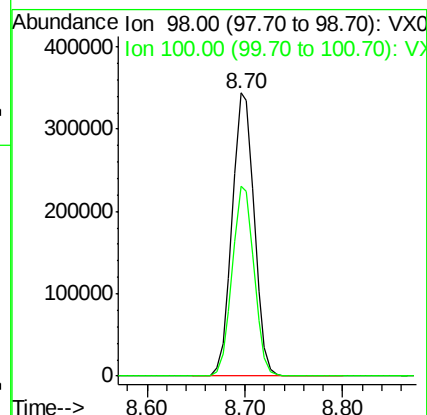
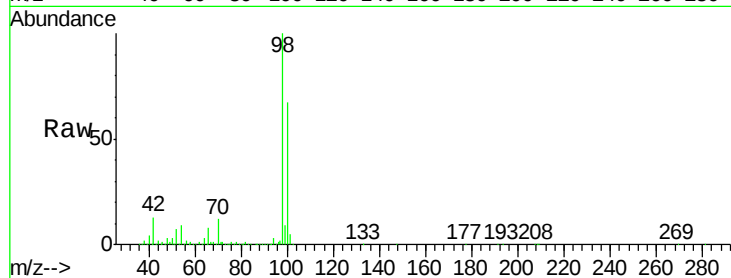
HW-7

Tot Ion: 98 Resp: 541052

Ion Ratio Lower Upper

98 100

100 66.3 53.1 79.7



#62

4-Bromofluorobenzene

Concen: 53.908 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX015977.D

Acq: 29 Apr 2020 15:17

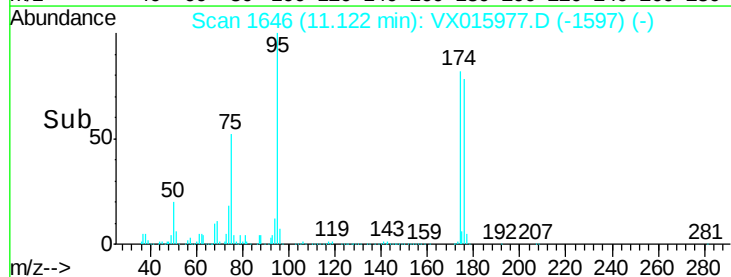
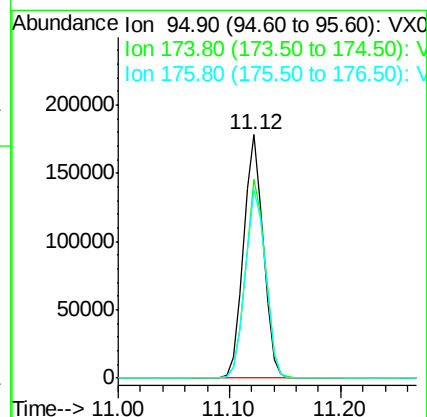
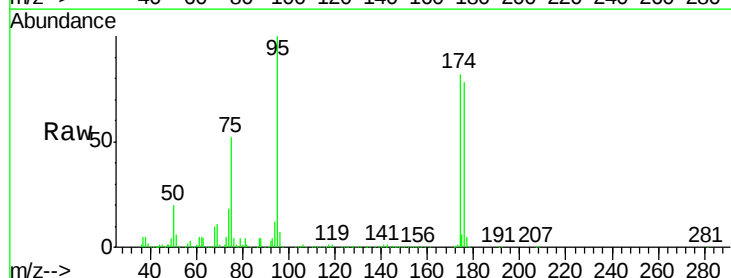
Tgt Ion: 95 Resp: 218059

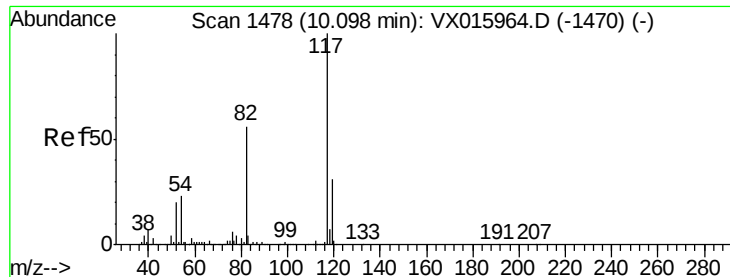
Ion Ratio Lower Upper

95 100

174 82.8 0.0 165.0

176 80.2 0.0 163.2

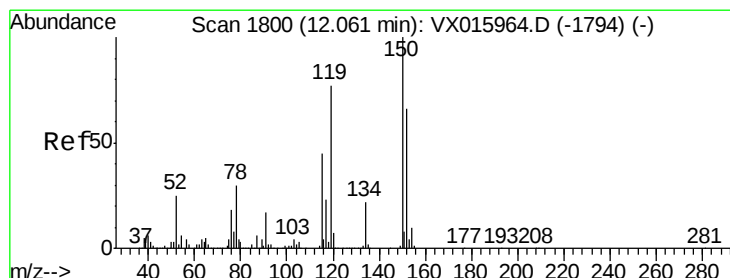
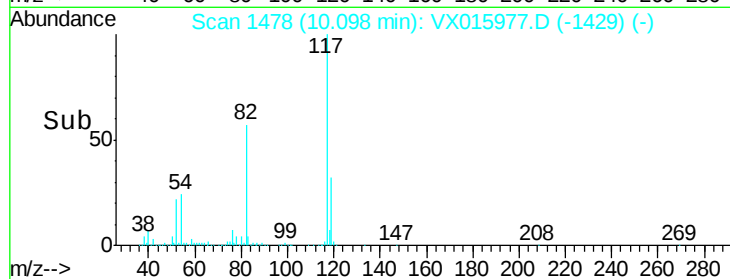
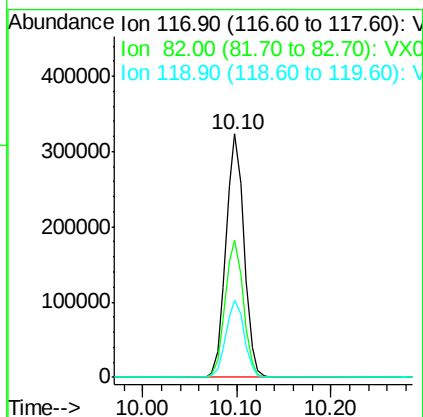
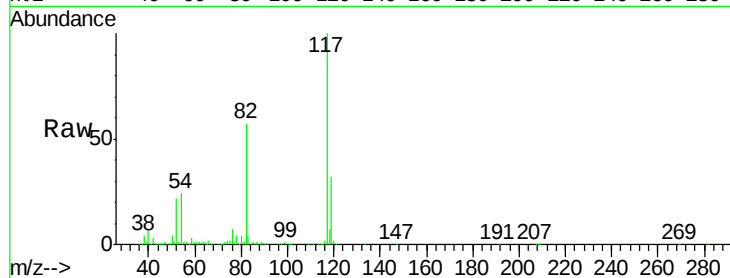




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Instrument :
MSVOA_X
ClientSampleId :
HW-7

Tot Ion:117 Resp: 431666
Ion Ratio Lower Upper
117 100
82 56.6 44.5 66.7
119 31.7 25.0 37.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX015977.D
Acq: 29 Apr 2020 15:17

Tgt Ion:152 Resp: 227932
Ion Ratio Lower Upper
152 100
115 58.3 40.9 122.7
150 157.5 0.0 342.4

