

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100318\
 Data File : VD060123.D
 Acq On : 3 Oct 2018 17:37
 Operator : VA/AP
 Sample : J5237-01RE
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BSS-UST-1ARE

Quant Time: Oct 04 05:01:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 06:56:35 2018
 Response via : Initial Calibration

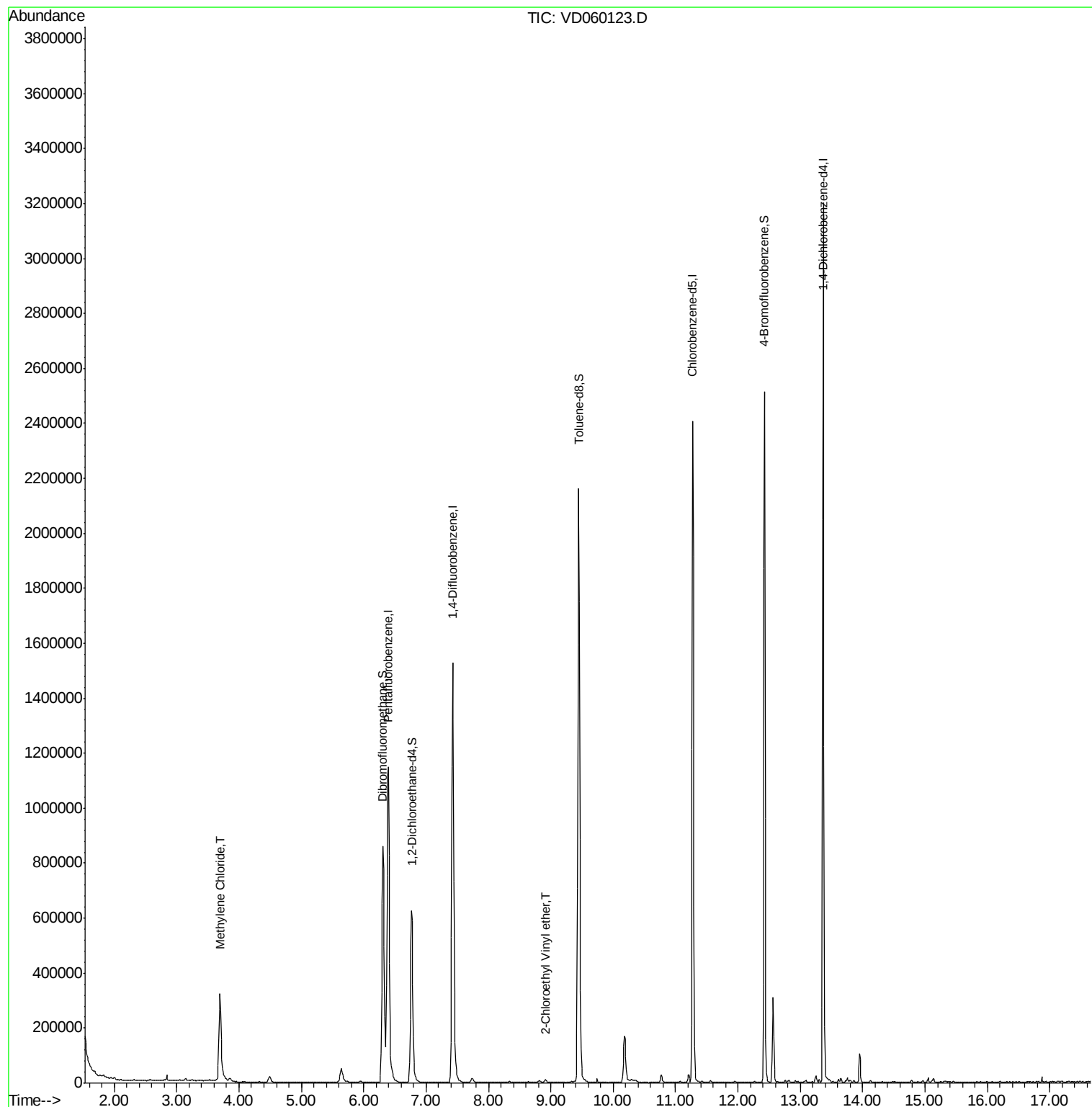
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1161327	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	1610117	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1308268	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	723701	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	511661	58.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.24%	
35) Dibromofluoromethane	6.30	113	675474	55.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.50%	
50) Toluene-d8	9.44	98	1720657	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.70%	
62) 4-Bromofluorobenzene	12.43	95	706525	54.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.24%	
Target Compounds						
20) Methylene Chloride	3.70	84	189335	11.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.90	63	5700	1.097	ug/l #	83

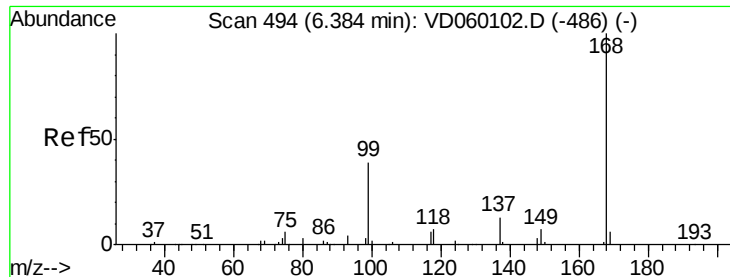
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060123.D

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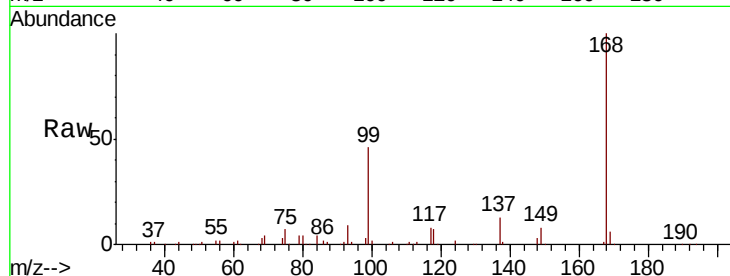
Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tot Ion:168 Resp: 1161327

Ion Ratio Lower Upper

168 100

99 45.9 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

400000

300000

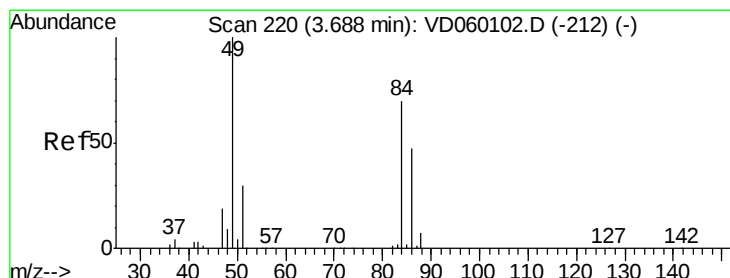
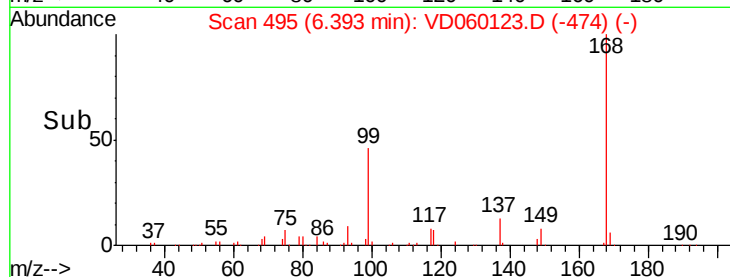
200000

100000

0

6.30 6.40 6.50 6.60

Time-->



#20

Methylene Chloride

Concen: 11.770 ug/l

RT: 3.70 min Scan# 221

Delta R.T. 0.01 min

Lab File: VD060123.D

Acq: 3 Oct 2018 17:37

Tgt Ion: 84 Resp: 189335

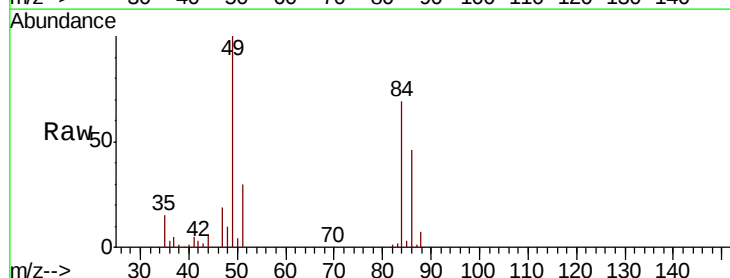
Ion Ratio Lower Upper

84 100

49 144.2 114.6 172.0

51 43.8 33.8 50.8

86 66.9 53.3 79.9



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

150000

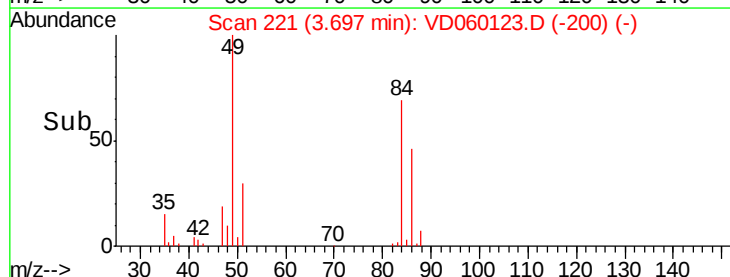
100000

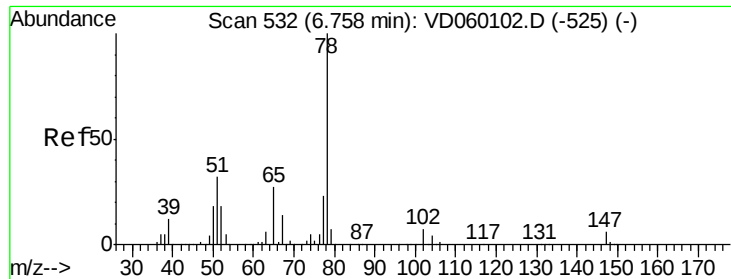
50000

0

3.60 3.70 3.80 3.90

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060123.D

Acq: 3 Oct 2018 17:37

Instrument :

MSVOA_D

ClientSampleId :

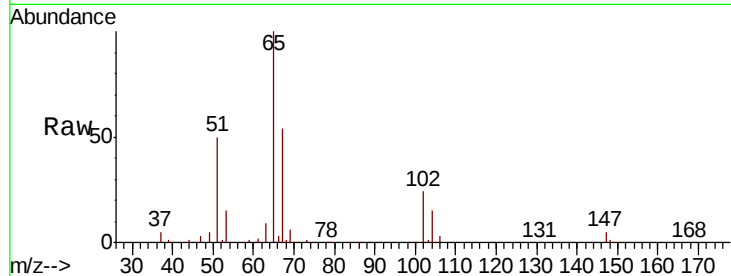
BSS-UST-1ARE

Tot Ion: 65 Resp: 511661

Ion Ratio Lower Upper

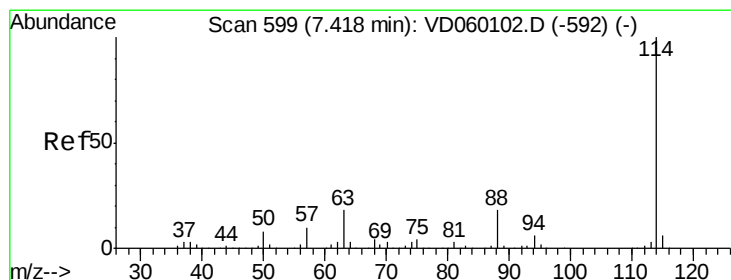
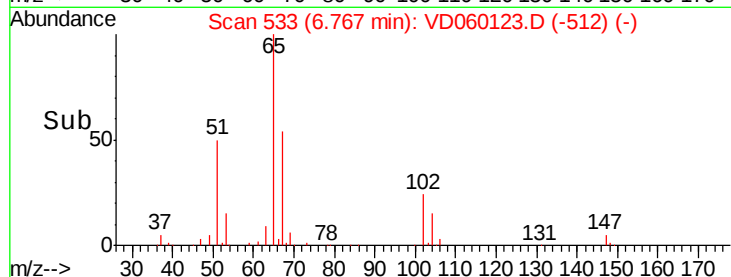
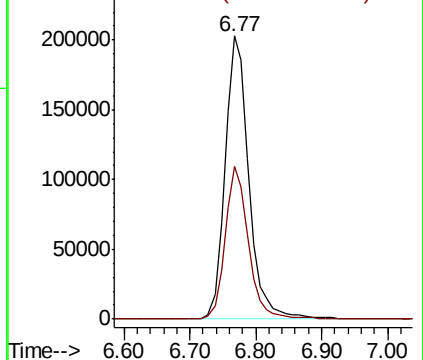
65 100

67 54.0 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.01 min

Lab File: VD060123.D

Acq: 3 Oct 2018 17:37

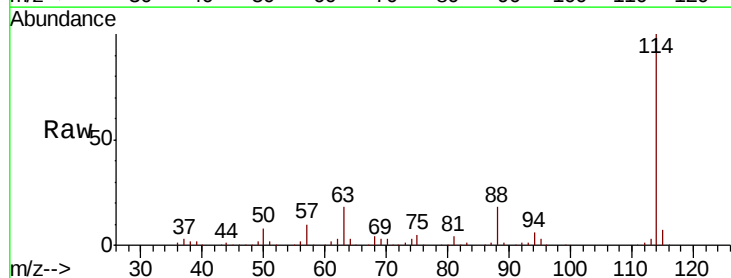
Tgt Ion: 114 Resp: 1610117

Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.0

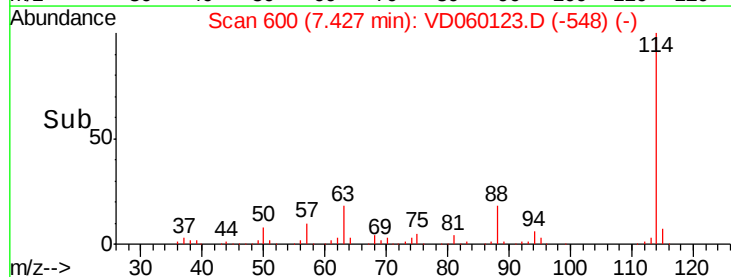
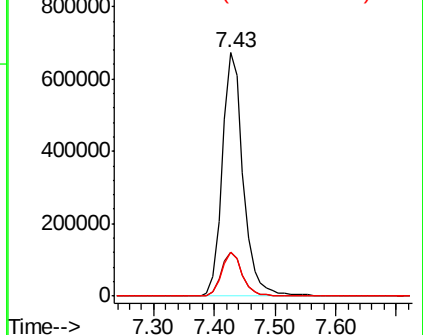
88 18.2 0.0 36.2

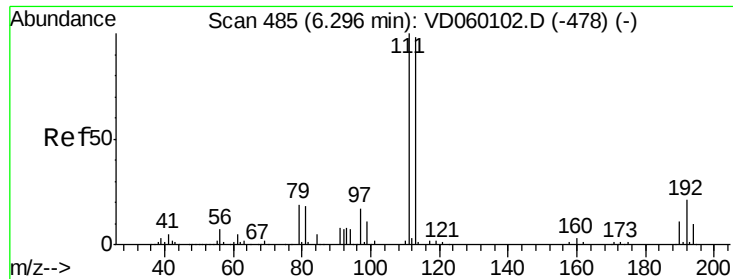


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.30 min Scan# 486

Delta R.T. 0.01 min

Lab File: VD060123.D

Acq: 3 Oct 2018 17:37

Instrument :

MSVOA_D

ClientSampleId :

BSS-UST-1ARE

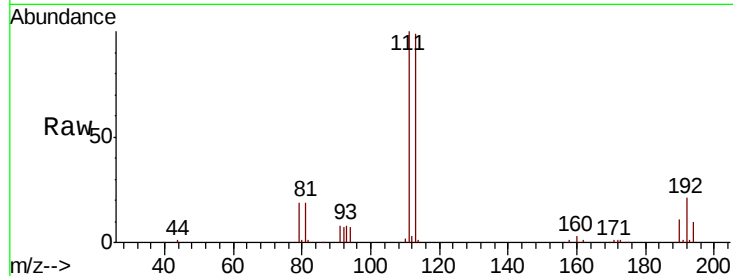
Tot Ion:113 Resp: 675474

Ion Ratio Lower Upper

113 100

111 100.8 81.5 122.3

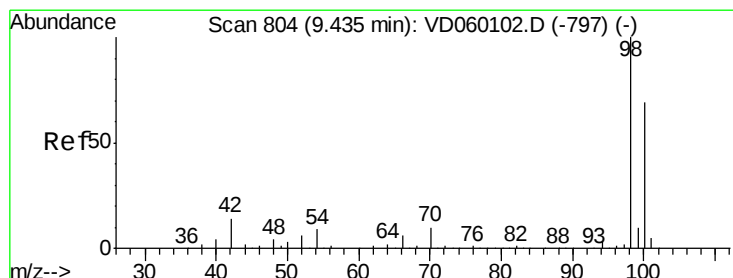
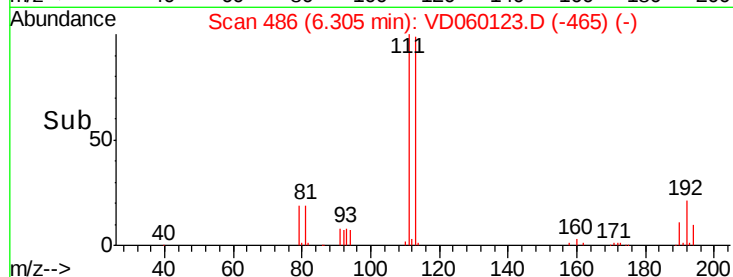
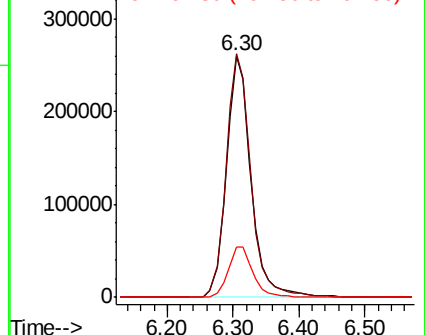
192 21.0 17.4 26.0



Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V



#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.44 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060123.D

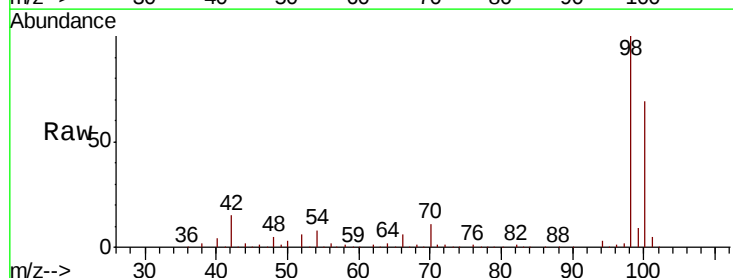
Acq: 3 Oct 2018 17:37

Tgt Ion: 98 Resp: 1720657

Ion Ratio Lower Upper

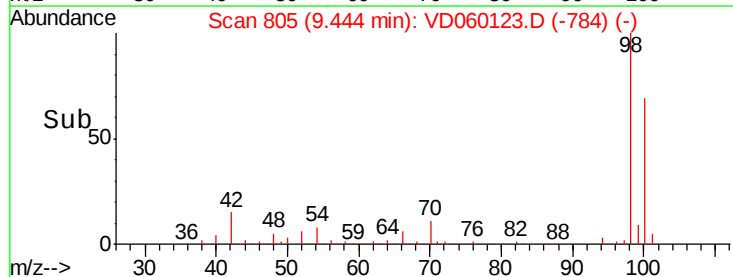
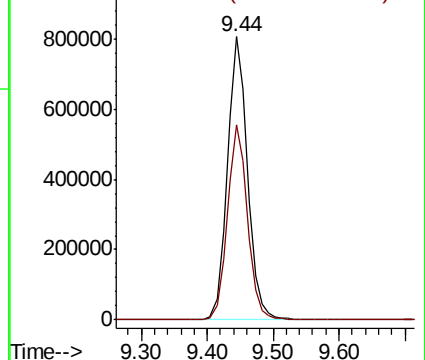
98 100

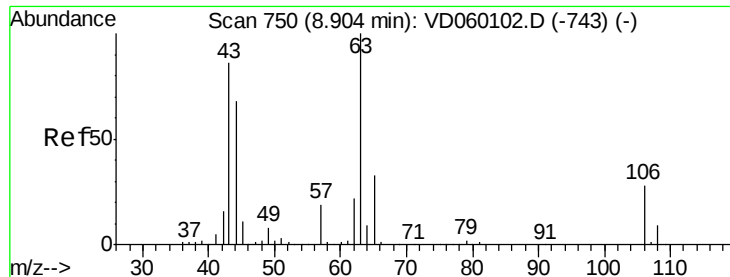
100 69.0 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V

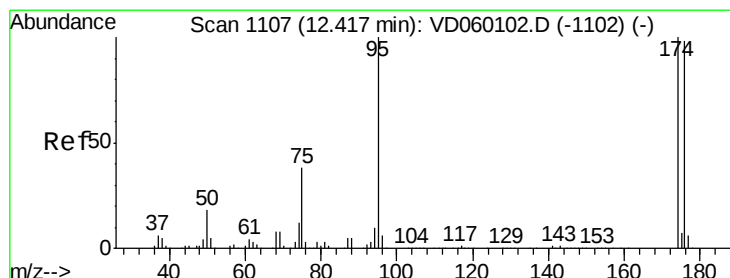
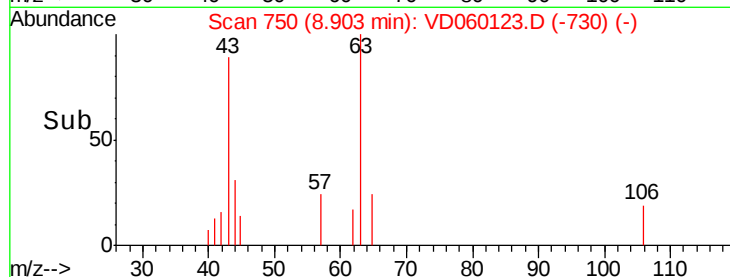
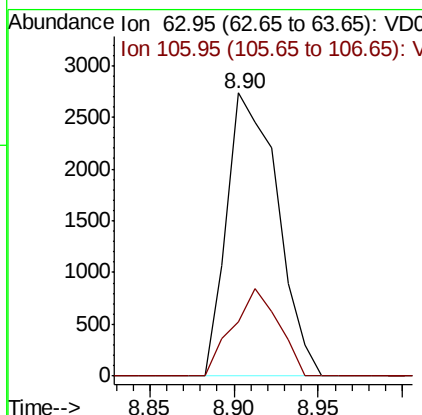
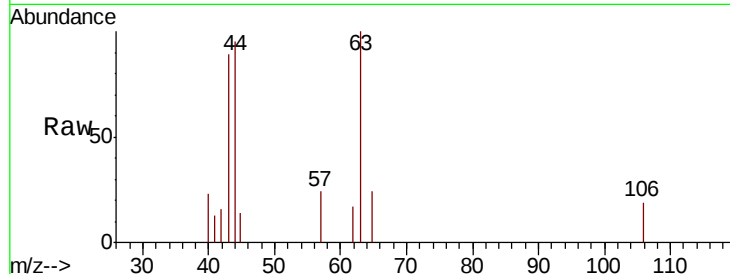




#58
2-Chloroethyl Vinyl ether
Concen: 1.097 ug/l
RT: 8.90 min Scan# 750
Delta R.T. -0.00 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

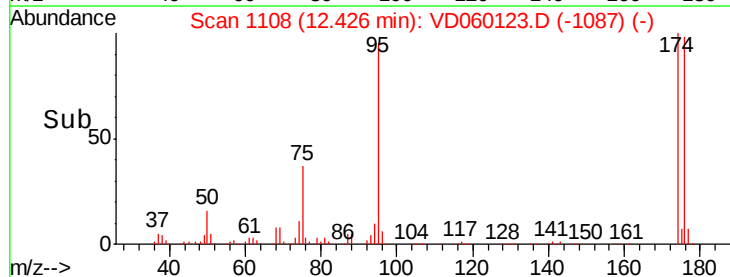
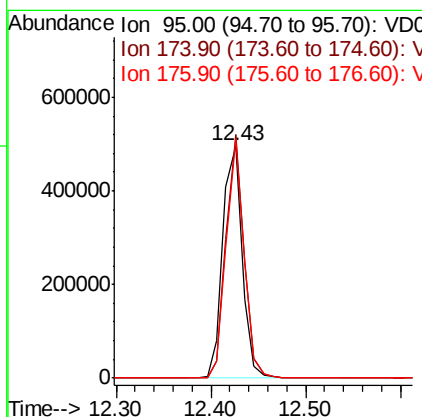
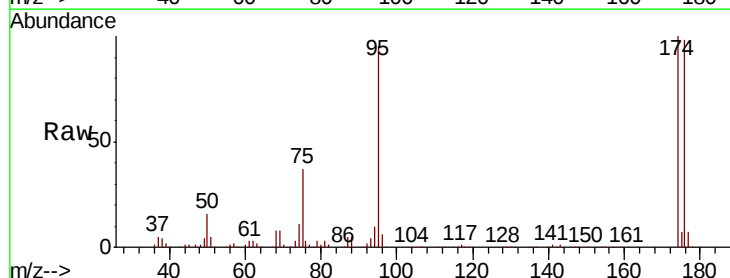
Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

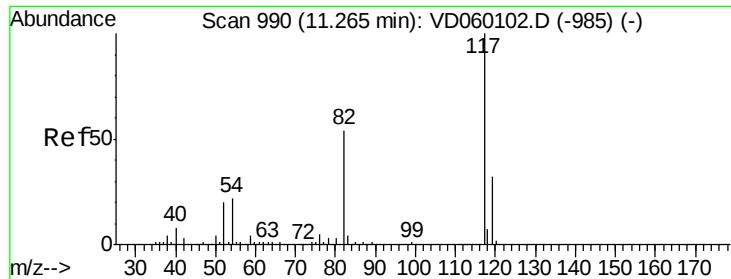
Tot Ion: 63 Resp: 5700
Ion Ratio Lower Upper
63 100
106 19.2 22.6 34.0#



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion: 95 Resp: 706525
Ion Ratio Lower Upper
95 100
174 104.7 0.0 200.2
176 103.1 0.0 195.6

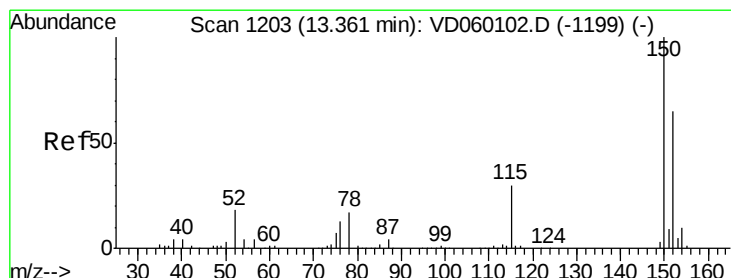
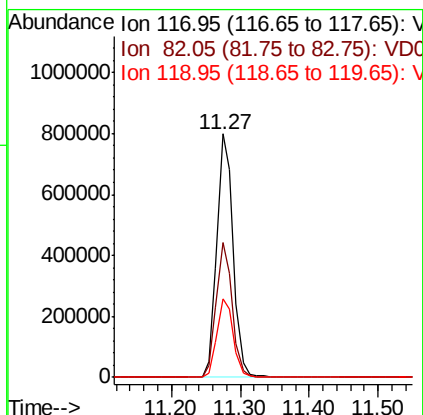
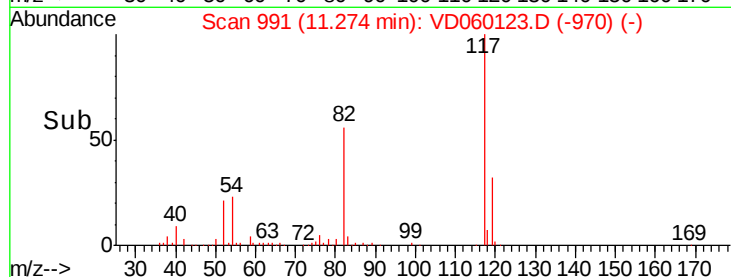
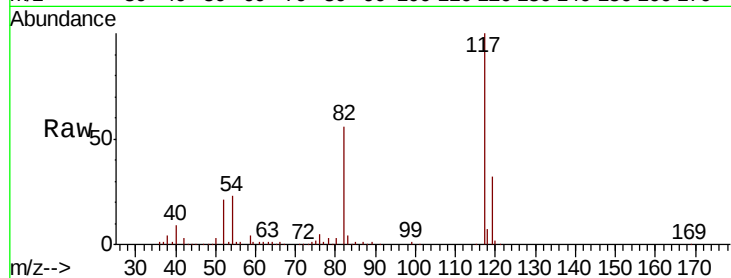




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Instrument :
MSVOA_D
ClientSampleId :
BSS-UST-1ARE

Tot Ion:117 Resp: 1308268
Ion Ratio Lower Upper
117 100
82 55.6 43.4 65.2
119 32.3 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060123.D
Acq: 3 Oct 2018 17:37

Tgt Ion:152 Resp: 723701
Ion Ratio Lower Upper
152 100
115 50.4 27.1 81.2
150 153.9 0.0 311.8

