

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110118\
 Data File : VD060267.D
 Acq On : 1 Nov 2018 17:32
 Operator : VA/AP
 Sample : J5759-17
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

Quant Time: Nov 02 01:59:24 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

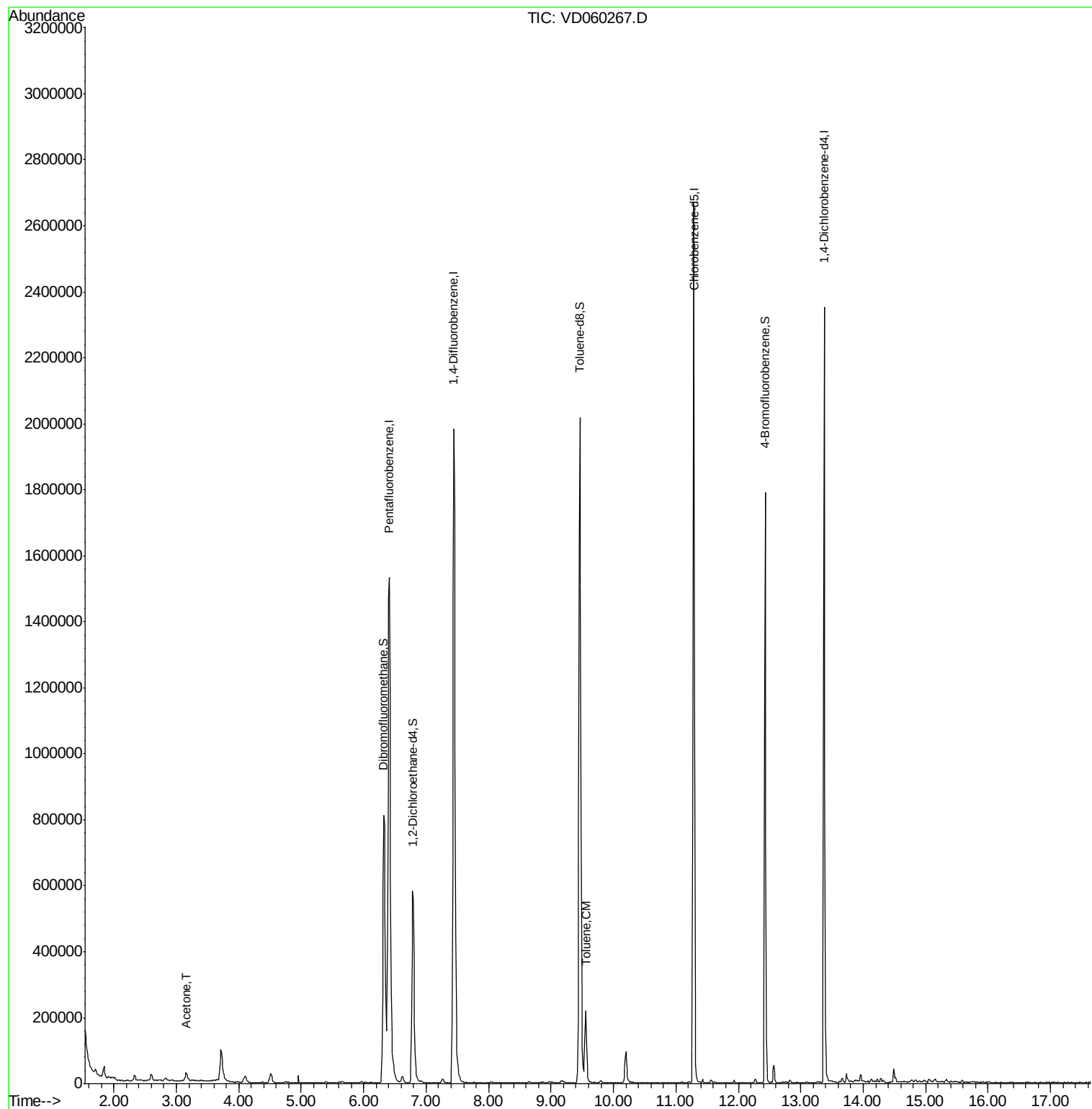
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1554357	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	2075414	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1471200	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	532323	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	485522	41.21	ug/l	0.02
Spiked Amount 50.000			Recovery	=	82.42%	
35) Dibromofluoromethane	6.32	113	655664	41.60	ug/l	0.02
Spiked Amount 50.000			Recovery	=	83.20%	
50) Toluene-d8	9.46	98	1620191	36.05	ug/l	0.02
Spiked Amount 50.000			Recovery	=	72.10%	
62) 4-Bromofluorobenzene	12.43	95	483754	28.75	ug/l	0.01
Spiked Amount 50.000			Recovery	=	57.50%	
Target Compounds						
16) Acetone	3.16	43	52710	24.655	ug/l	95
52) Toluene	9.56	92	108756	3.255	ug/l	99

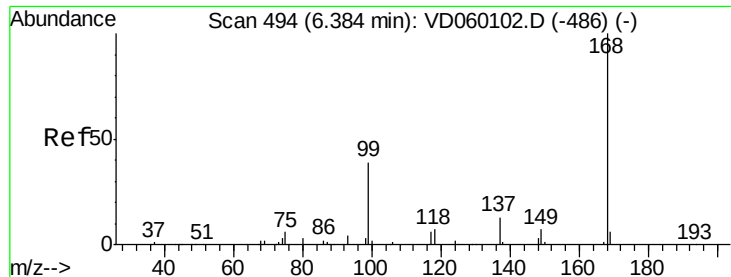
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 496

Delta R.T. 0.02 min

Lab File: VD060267.D

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Instrument :

MSVOA_D

ClientSampleId :

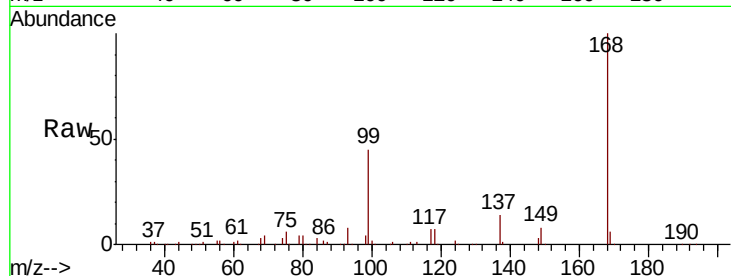
TP-5

Tot Ion:168 Resp: 1554357

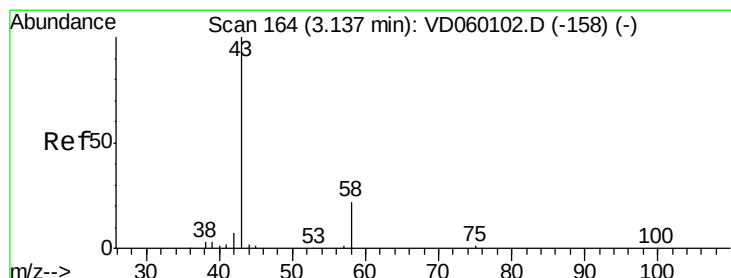
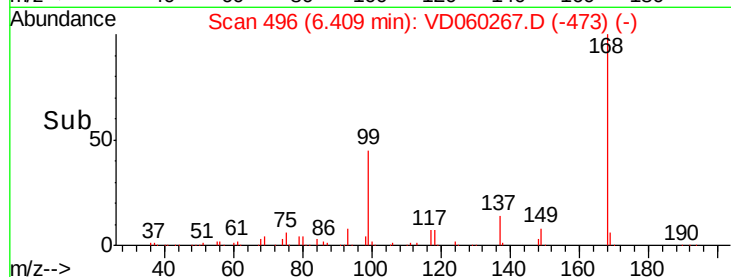
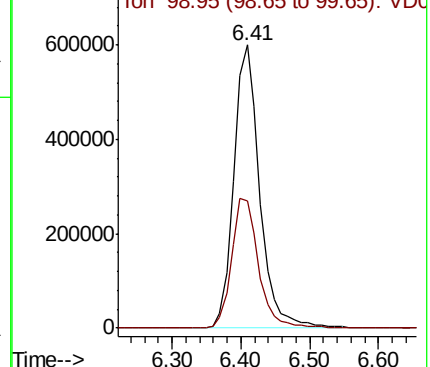
Ion Ratio Lower Upper

168 100

99 45.0 35.4 53.0



Abundance Ion 167.90 (167.60 to 168.60): V



#16

Acetone

Concen: 24.655 ug/l

RT: 3.16 min Scan# 166

Delta R.T. 0.02 min

Lab File: VD060267.D

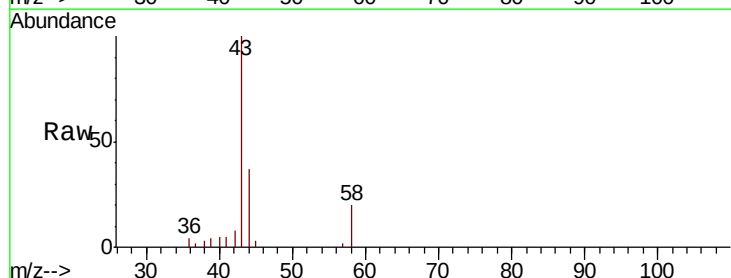
Acq: 1 Nov 2018 17:32

Tgt Ion: 43 Resp: 52710

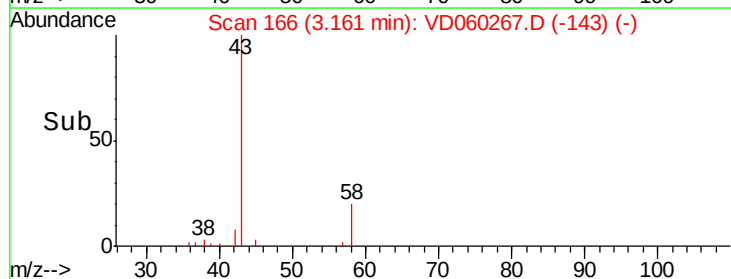
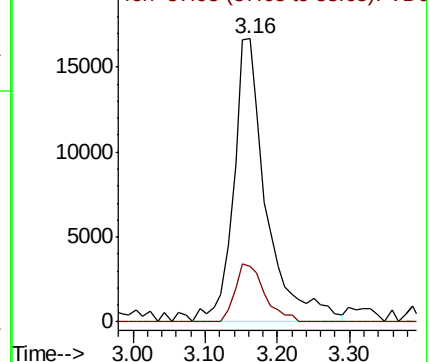
Ion Ratio Lower Upper

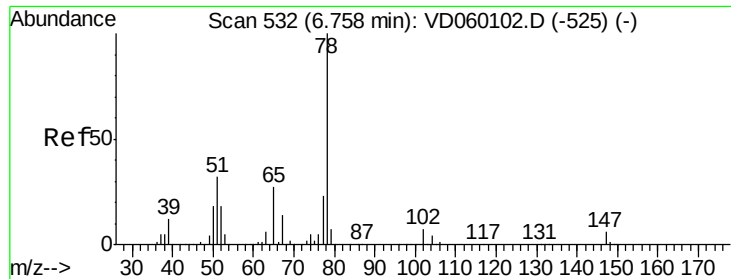
43 100

58 19.7 17.7 26.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

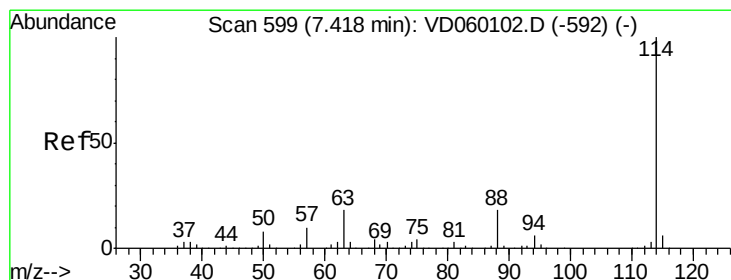
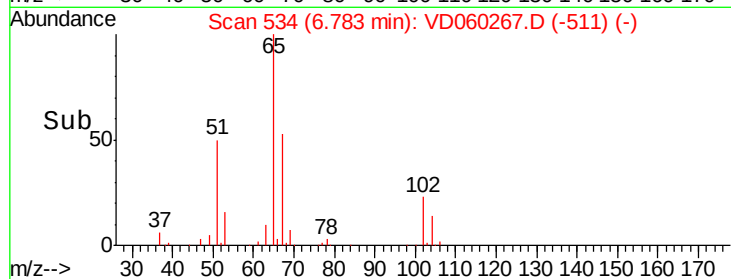
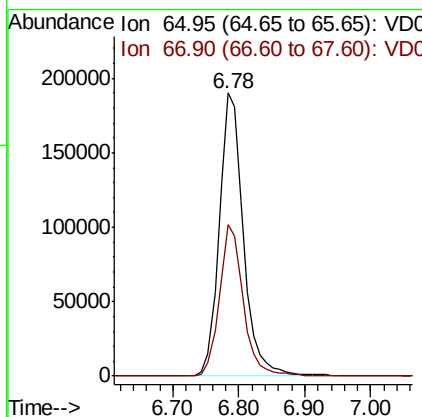
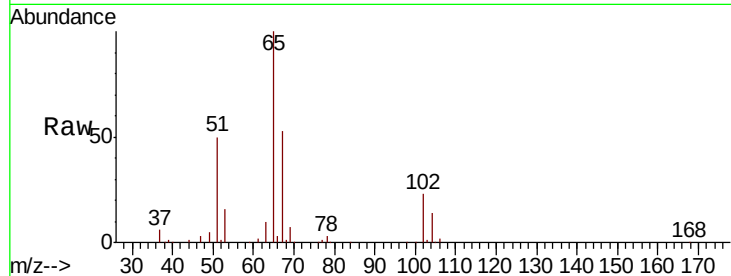




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060267.D
 Acq: 1 Nov 2018 17:32

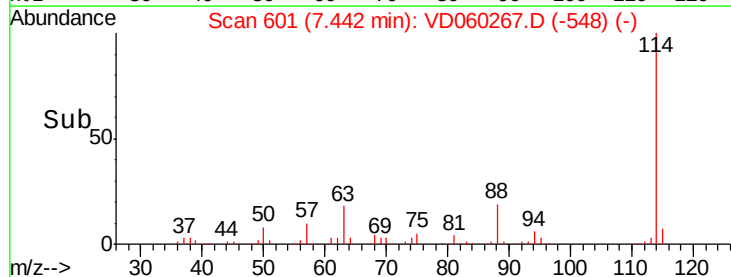
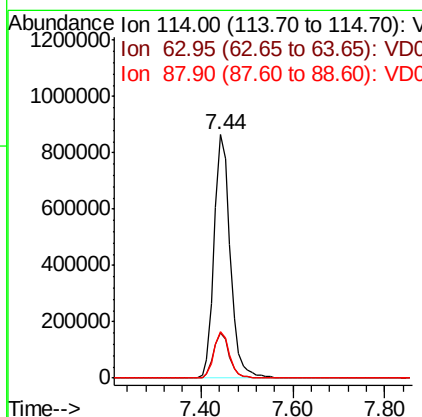
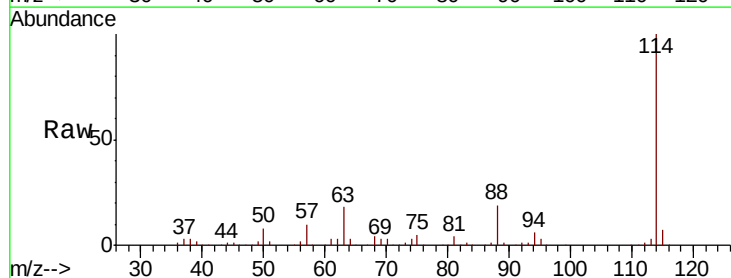
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

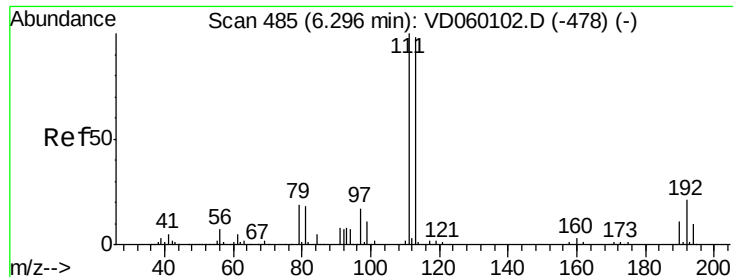
Tot Ion: 65 Resp: 485522
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 106.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060267.D
 Acq: 1 Nov 2018 17:32

Tgt Ion: 114 Resp: 2075414
 Ion Ratio Lower Upper
 114 100
 63 18.5 0.0 36.0
 88 19.1 0.0 36.2

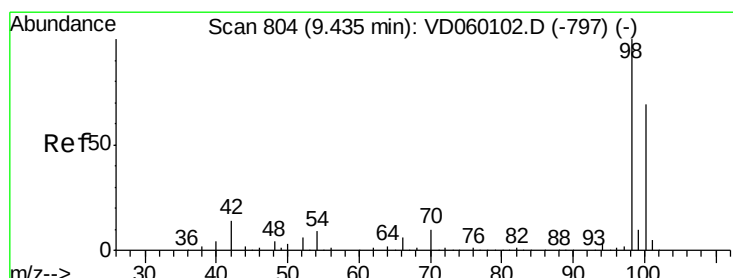
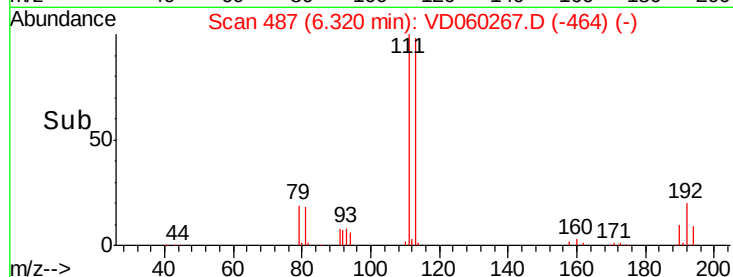
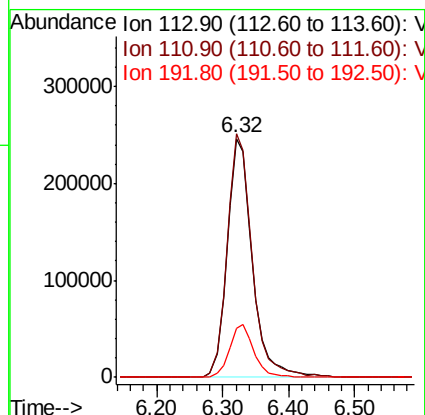
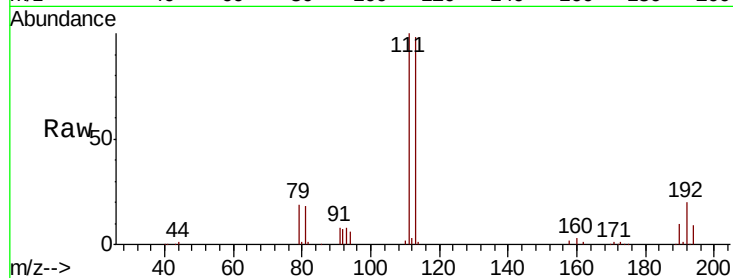




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060267.D
 Acq: 1 Nov 2018 17:32

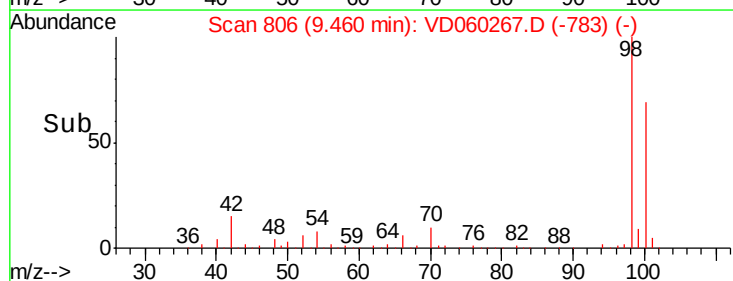
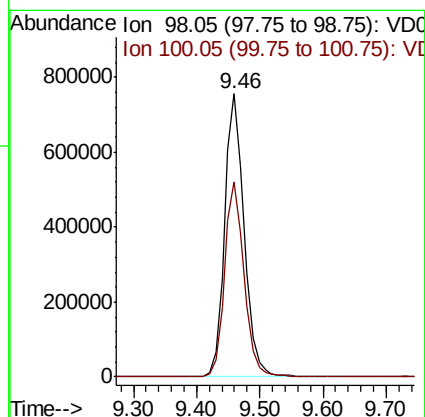
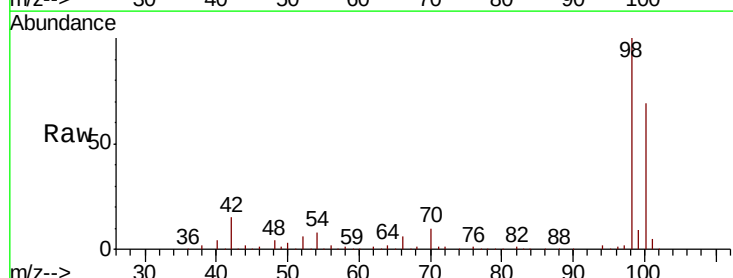
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5

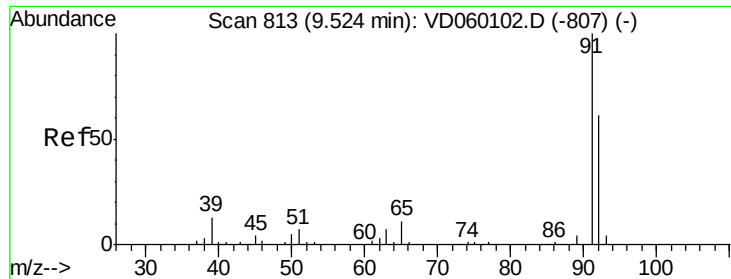
Tot Ion:113 Resp: 655664
 Ion Ratio Lower Upper
 113 100
 111 101.9 81.5 122.3
 192 20.3 17.4 26.0



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.46 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: VD060267.D
 Acq: 1 Nov 2018 17:32

Tgt Ion: 98 Resp: 1620191
 Ion Ratio Lower Upper
 98 100
 100 69.1 55.4 83.0





#52

Toluene

Concen: 3.255 ug/l

RT: 9.56 min Scan# 816

Delta R.T. 0.03 min

Lab File: VD060267.D

Acq: 1 Nov 2018 17:32

Instrument :

MSVOA_D

ClientSampleId :

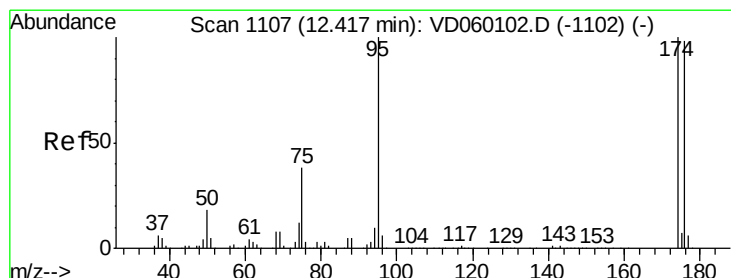
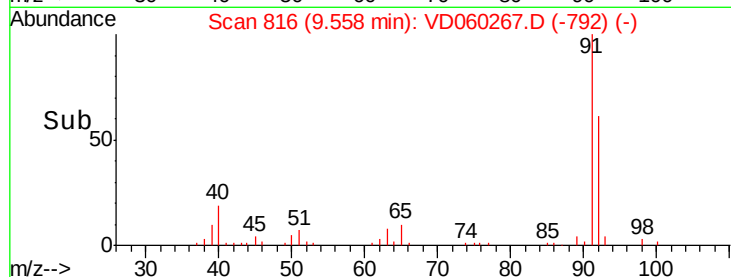
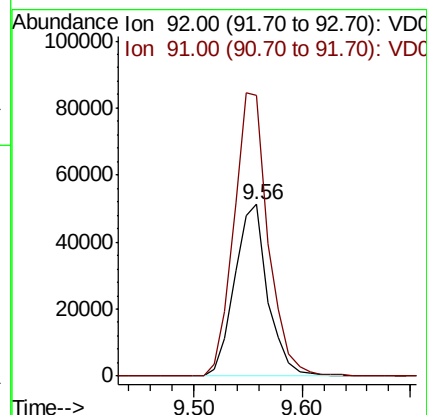
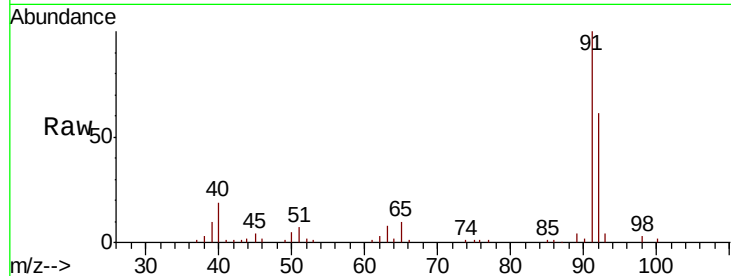
TP-5

Tot Ion: 92 Resp: 108756

Ion Ratio Lower Upper

92 100

91 164.0 131.9 197.9



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.01 min

Lab File: VD060267.D

Acq: 1 Nov 2018 17:32

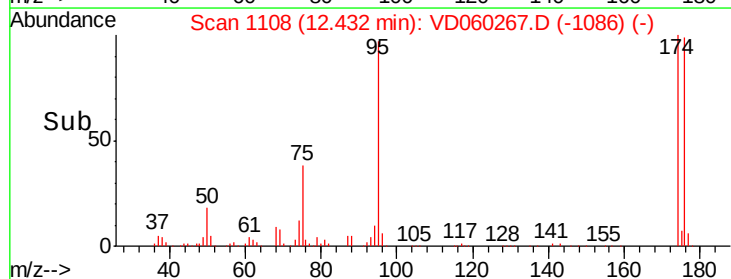
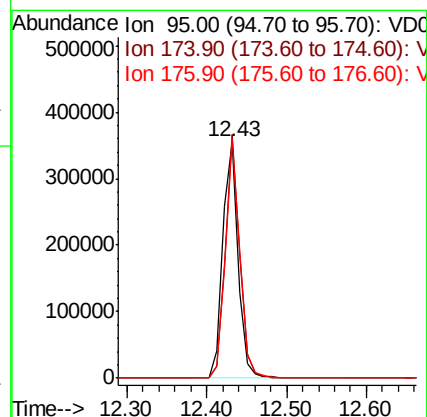
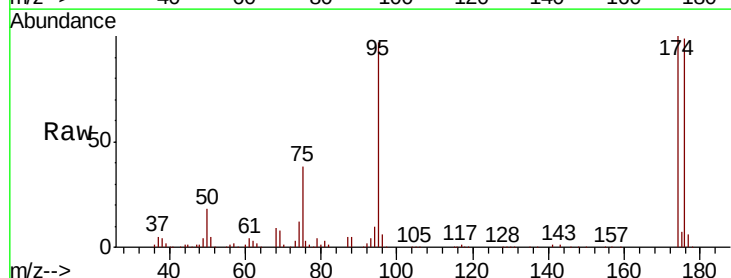
Tgt Ion: 95 Resp: 483754

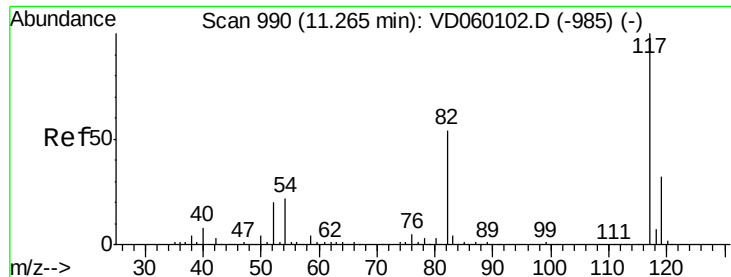
Ion Ratio Lower Upper

95 100

174 103.0 0.0 200.2

176 101.5 0.0 195.6

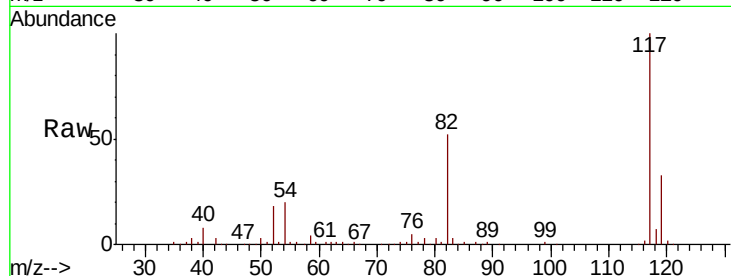




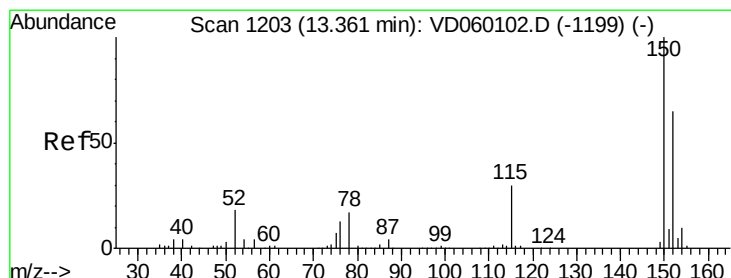
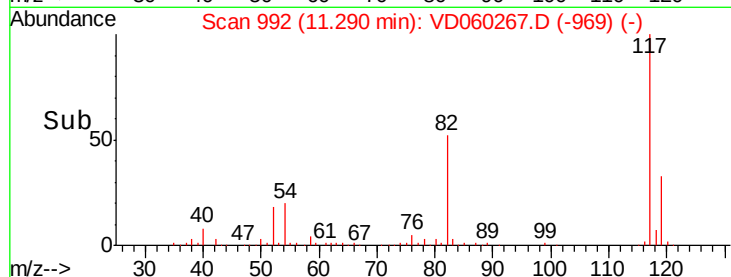
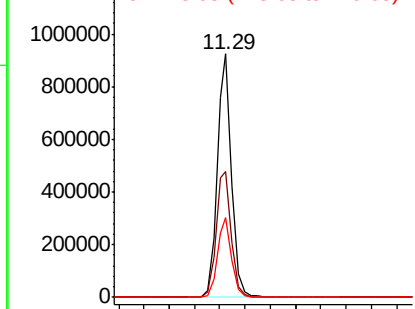
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.02 min
Lab File: VD060267.D
Acq: 1 Nov 2018 17:32

Instrument :
MSVOA_D
ClientSampleId :
TP-5

Tot Ion:117 Resp: 1471200
Ion Ratio Lower Upper
117 100
82 51.5 43.4 65.2
119 32.8 26.0 39.0

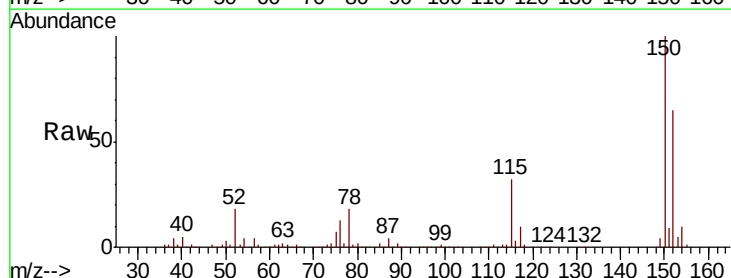


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060267.D
Acq: 1 Nov 2018 17:32

Tgt Ion:152 Resp: 532323
Ion Ratio Lower Upper
152 100
115 50.2 27.1 81.2
150 154.6 0.0 311.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

