

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121018\
 Data File : VD060523.D
 Acq On : 10 Dec 2018 14:25
 Operator : VA/AP
 Sample : J6302-01
 Misc : 14.12g/5ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 K-120718-RO

Quant Time: Dec 11 07:15:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

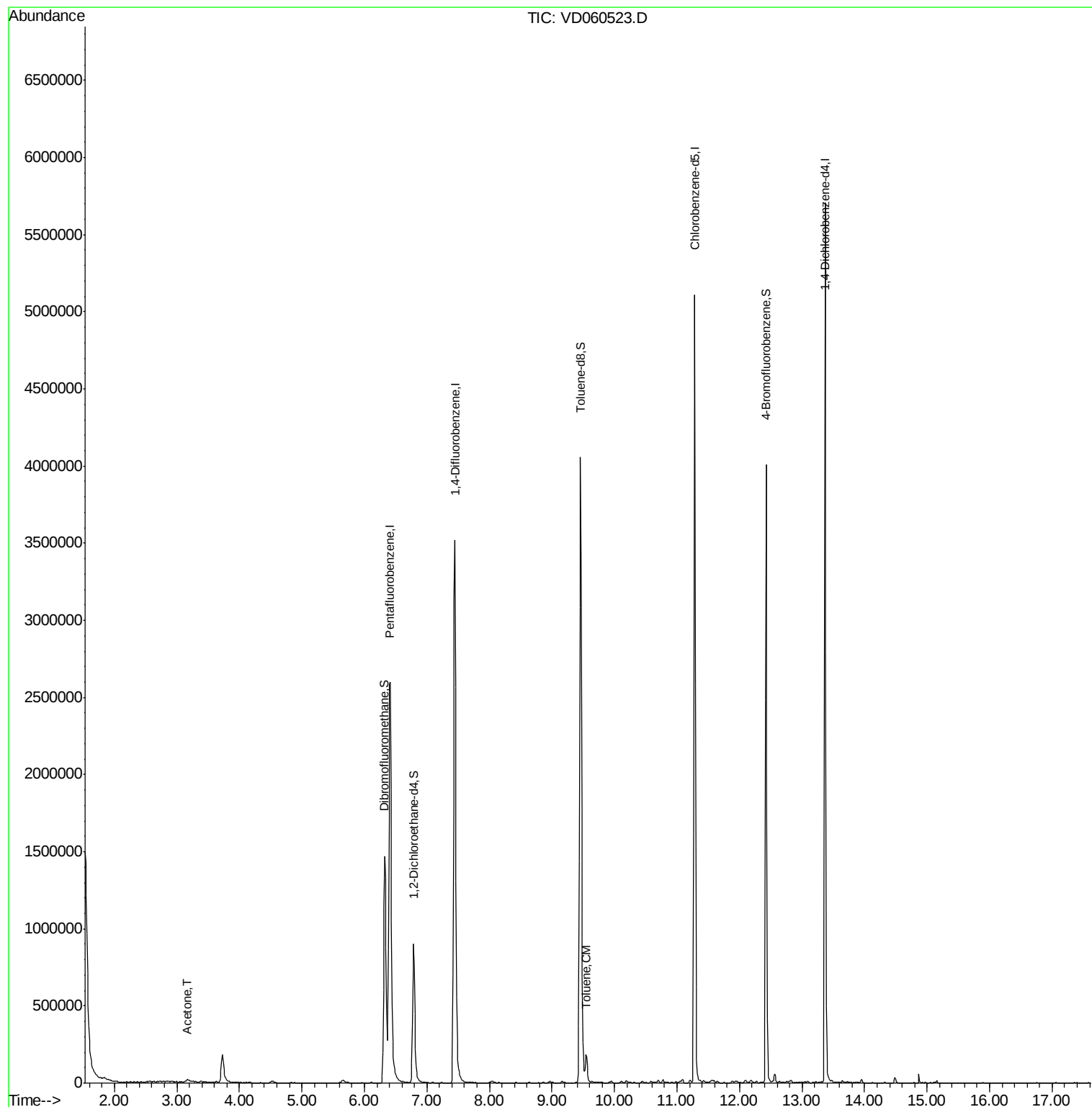
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	2725931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.45	114	3811666	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.28	117	2959066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	1301509	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.79	65	765699	39.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.26%	
35) Dibromofluoromethane	6.32	113	1211798	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
50) Toluene-d8	9.45	98	3337262	41.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.38%	
62) 4-Bromofluorobenzene	12.43	95	1139132	39.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.58%	
Target Compounds						
16) Acetone	3.18	43	40157	12.966	ug/l	93
52) Toluene	9.55	92	87465	1.470	ug/l	99

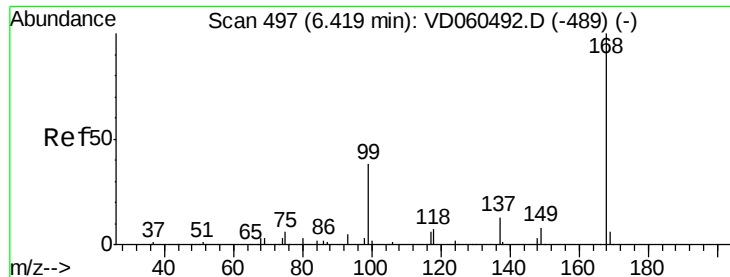
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

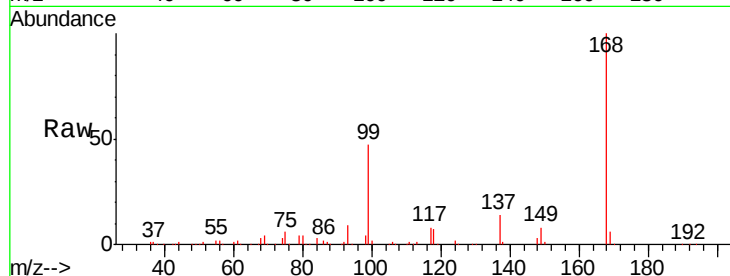
K-120718-RO

Tgt Ion:168 Resp: 2725931

Ion Ratio Lower Upper

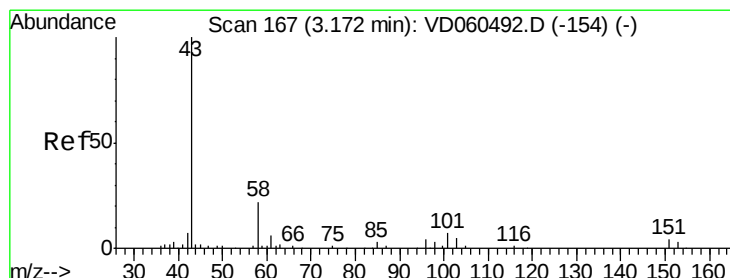
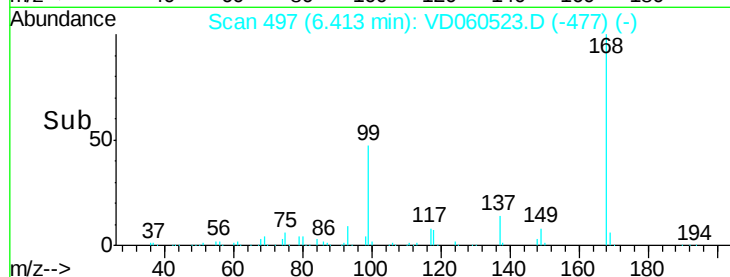
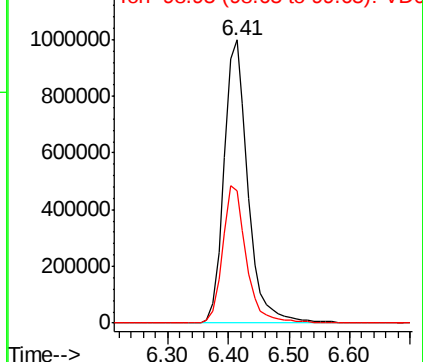
168 100

99 46.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 12.966 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.00 min

Lab File: VD060523.D

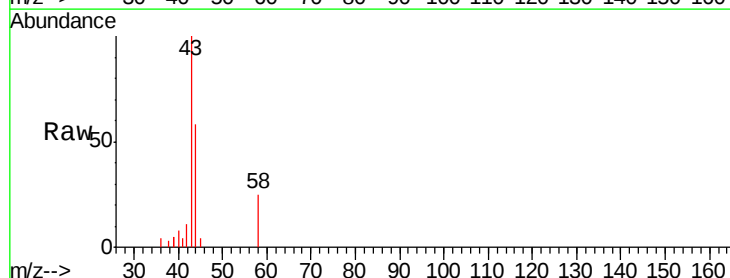
Acq: 10 Dec 2018 14:25

Tgt Ion: 43 Resp: 40157

Ion Ratio Lower Upper

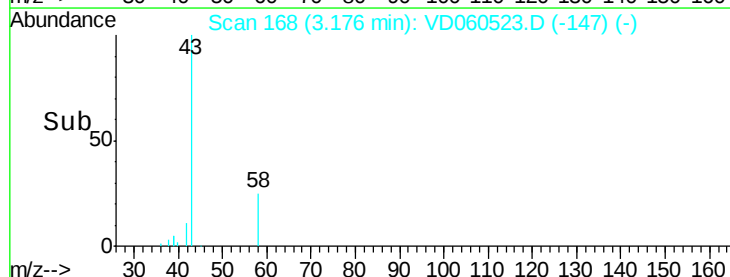
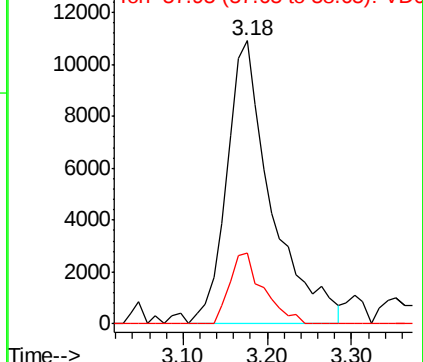
43 100

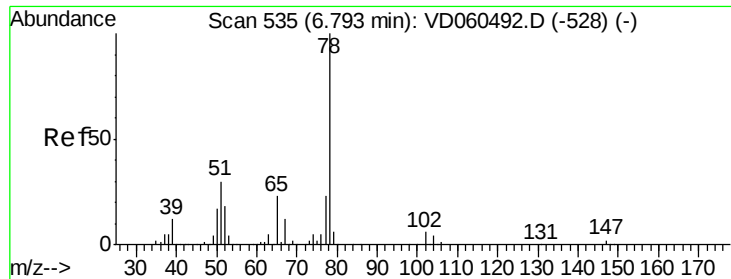
58 24.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.79 min Scan# 535

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

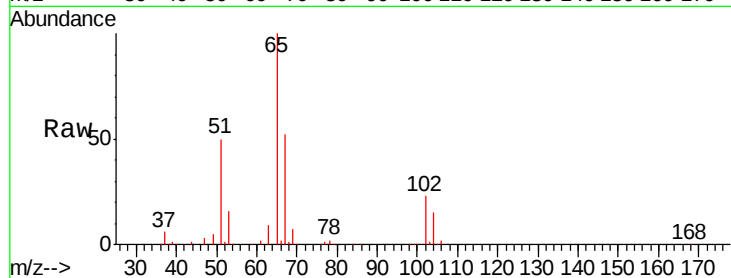
K-120718-RO

Tgt Ion: 65 Resp: 765699

Ion Ratio Lower Upper

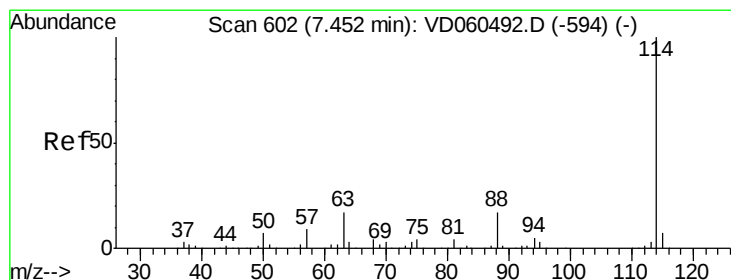
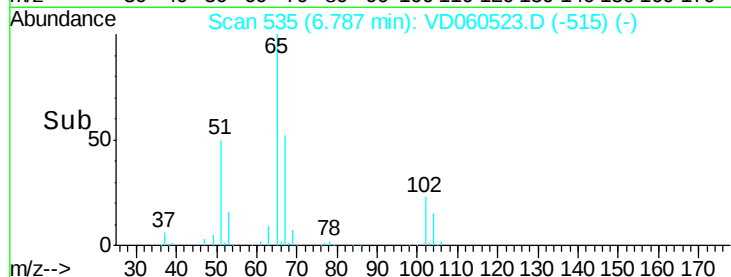
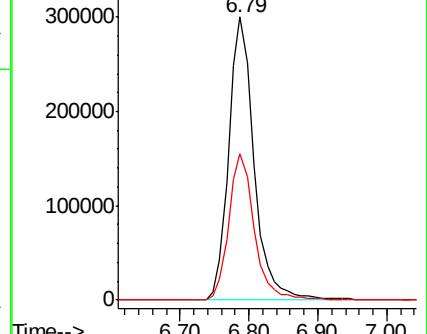
65 100

67 51.6 0.0 106.8



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: 7.45 min Scan# 602

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

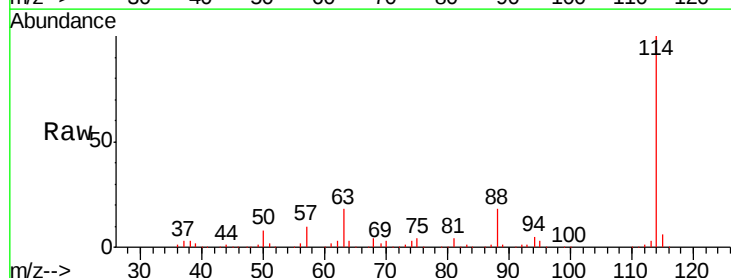
Tgt Ion: 114 Resp: 3811666

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

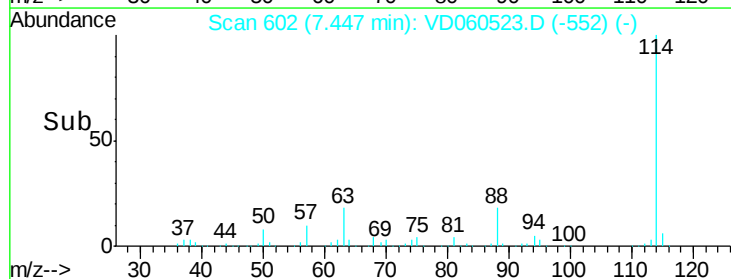
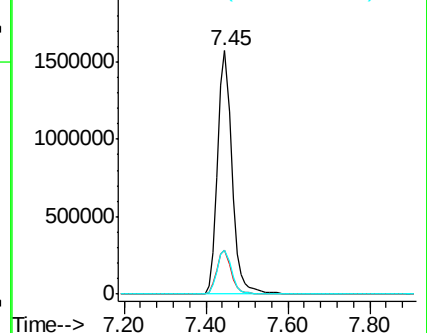
88 17.9 0.0 35.0

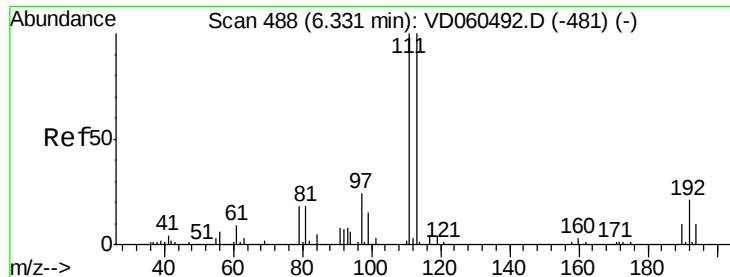


Abundance Ion 114.00 (113.70 to 114.70): VDC

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: 6.32 min Scan# 488

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

K-120718-RO

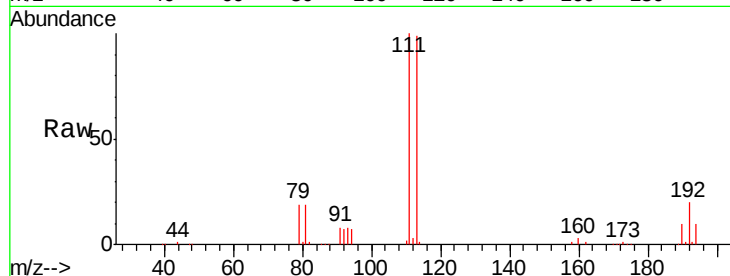
Tgt Ion:113 Resp: 1211798

Ion Ratio Lower Upper

113 100

111 101.2 80.2 120.4

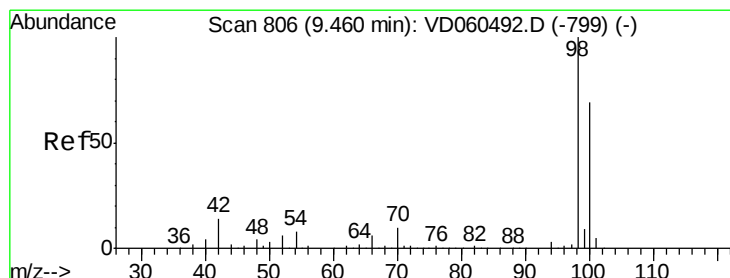
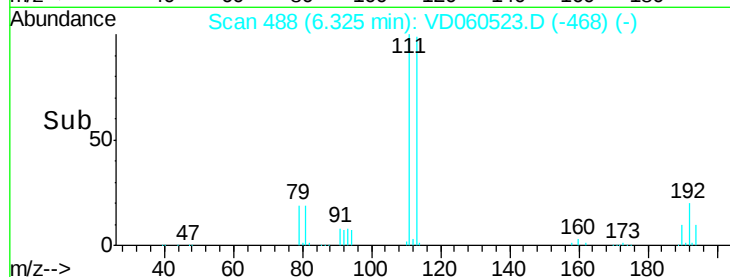
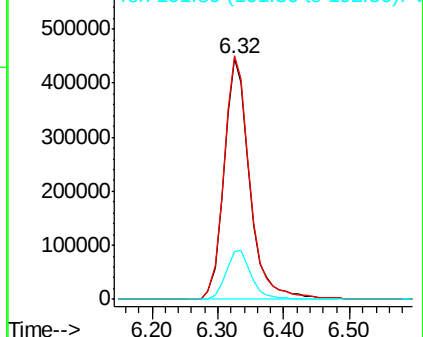
192 20.0 16.6 24.8



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: 9.45 min Scan# 806

Delta R.T. -0.01 min

Lab File: VD060523.D

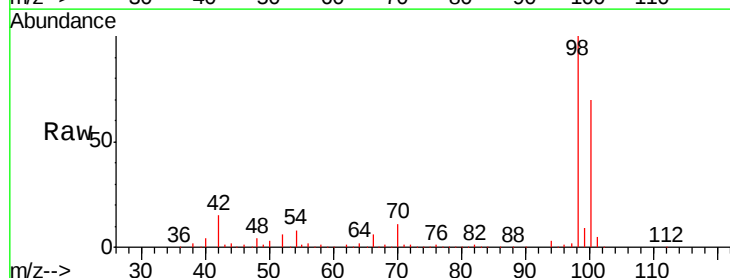
Acq: 10 Dec 2018 14:25

Tgt Ion: 98 Resp: 3337262

Ion Ratio Lower Upper

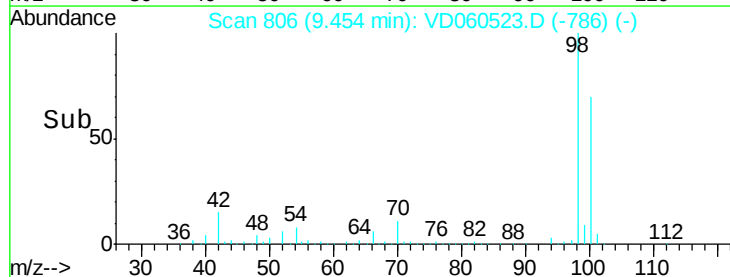
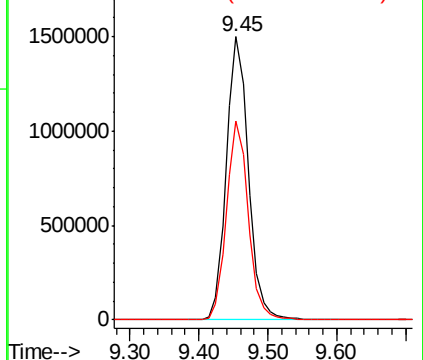
98 100

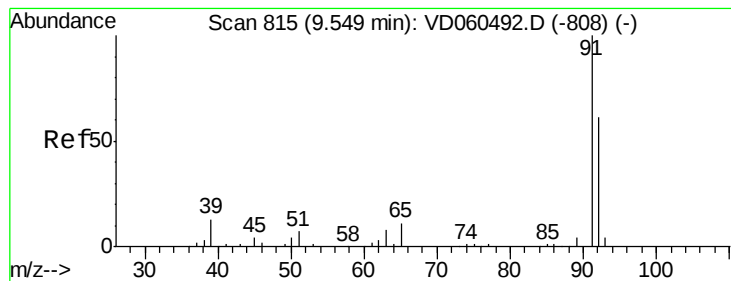
100 70.3 55.7 83.5



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.470 ug/l

RT: 9.55 min Scan# 816

Delta R.T. 0.00 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

Instrument :

MSVOA_D

ClientSampleId :

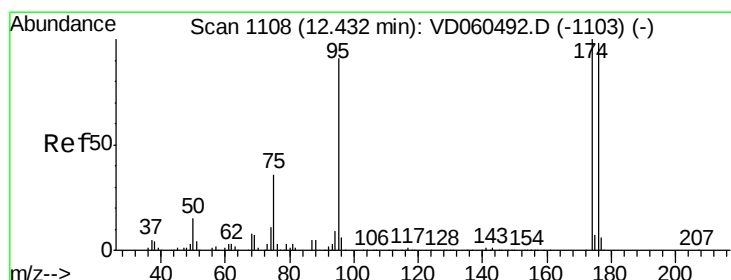
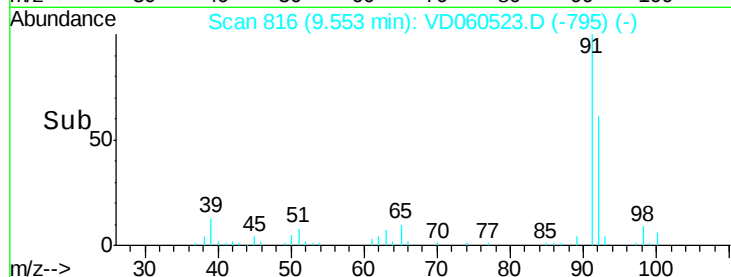
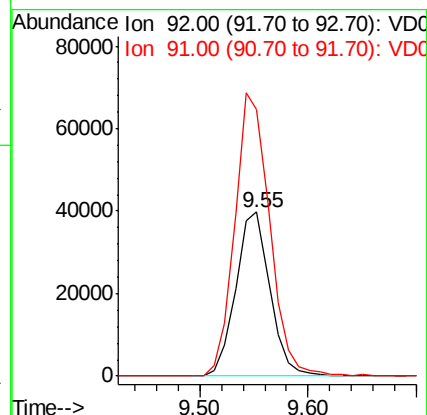
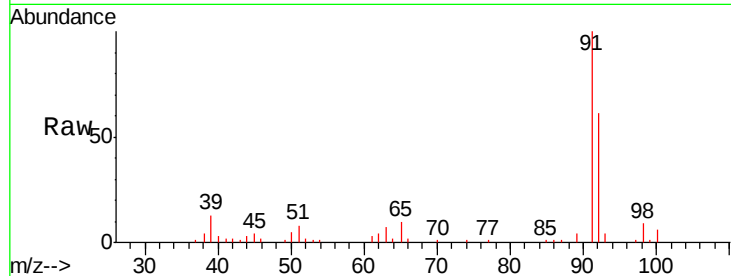
K-120718-RO

Tgt Ion: 92 Resp: 87465

Ion Ratio Lower Upper

92 100

91 162.8 131.7 197.5



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.01 min

Lab File: VD060523.D

Acq: 10 Dec 2018 14:25

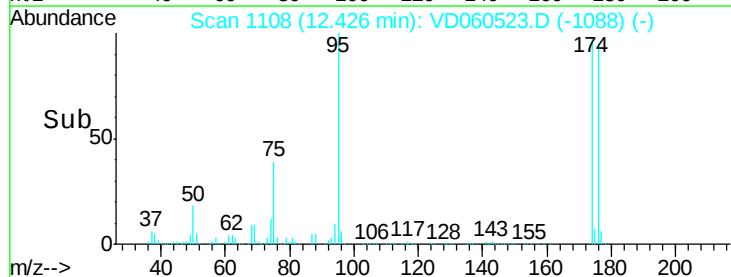
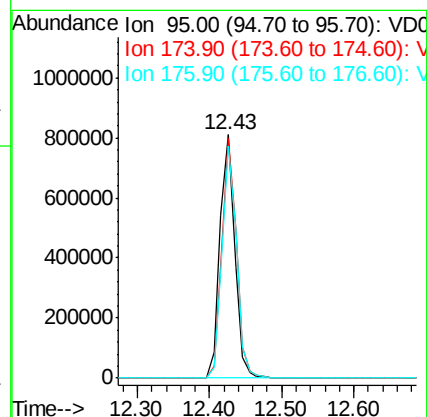
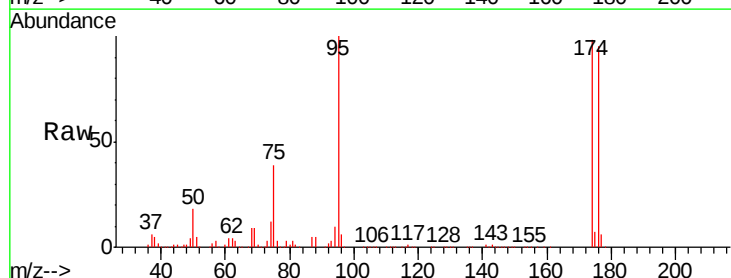
Tgt Ion: 95 Resp: 1139132

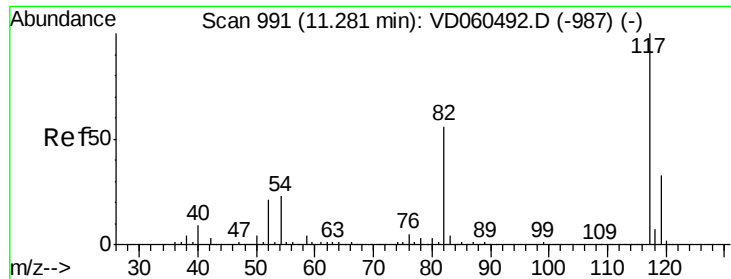
Ion Ratio Lower Upper

95 100

174 98.5 0.0 219.4

176 95.2 0.0 214.6

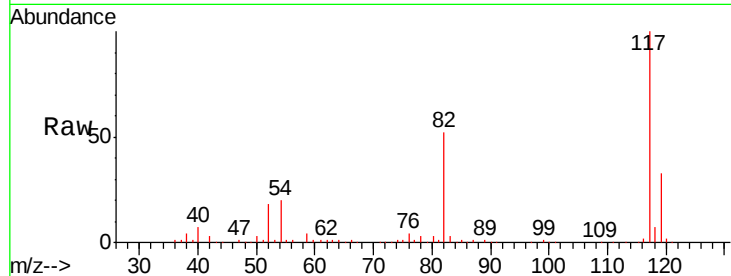




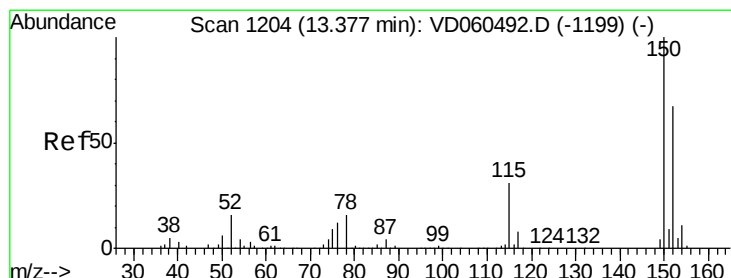
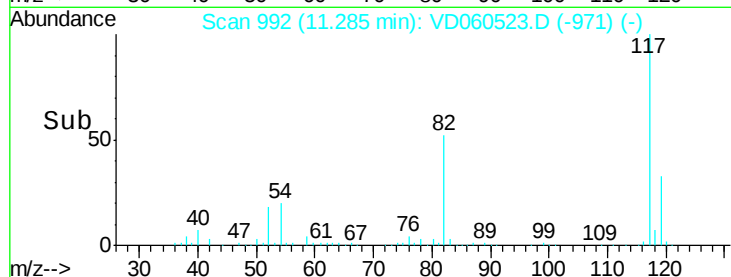
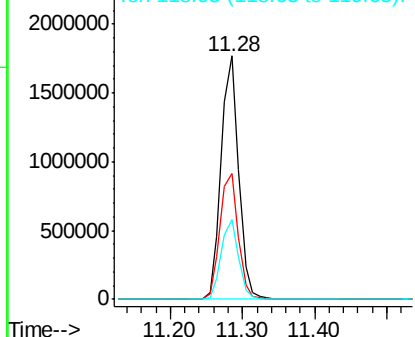
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 992
Delta R.T. 0.00 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Instrument :
MSVOA_D
ClientSampleId :
K-120718-RO

Tgt Ion:117 Resp: 2959066
Ion Ratio Lower Upper
117 100
82 51.8 45.2 67.8
119 32.9 26.1 39.1

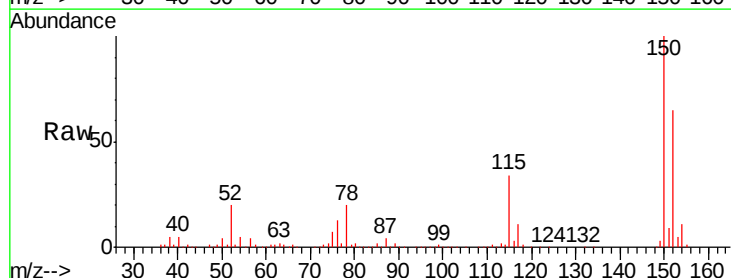


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. -0.01 min
Lab File: VD060523.D
Acq: 10 Dec 2018 14:25

Tgt Ion:152 Resp: 1301509
Ion Ratio Lower Upper
152 100
115 53.4 24.6 74.0
150 154.9 0.0 309.0



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

