

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100518\
 Data File : VD060135.D
 Acq On : 5 Oct 2018 12:03
 Operator : VA/AP
 Sample : VD1005SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBL01

Quant Time: Oct 05 23:58:37 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	1644382	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.43	114	2242050	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1845122	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	947079	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	636095	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
35) Dibromofluoromethane	6.31	113	830266	48.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.54%	
50) Toluene-d8	9.44	98	2341337	48.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.46%	
62) 4-Bromofluorobenzene	12.42	95	900967	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	

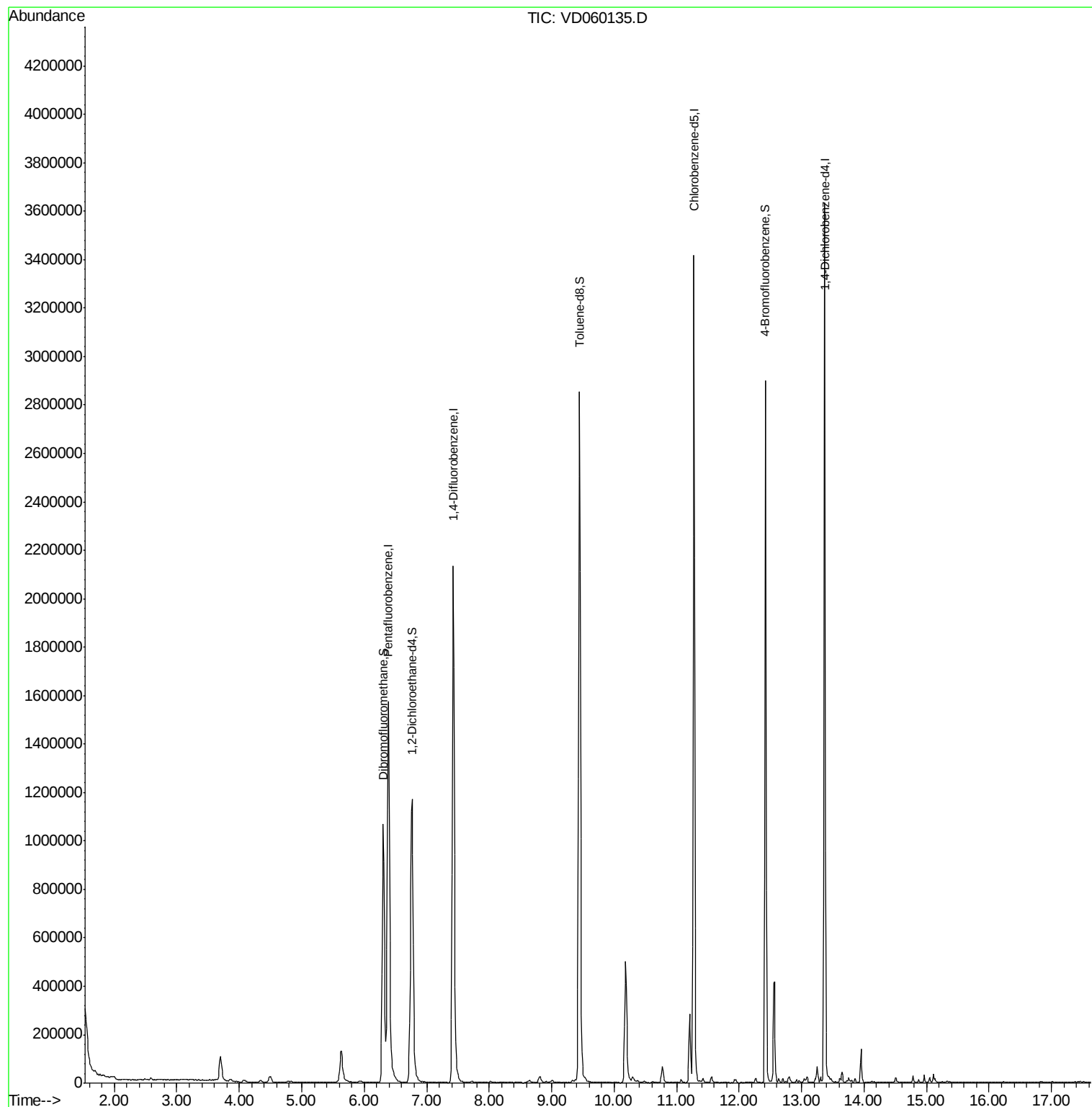
Target Compounds	Qvalue

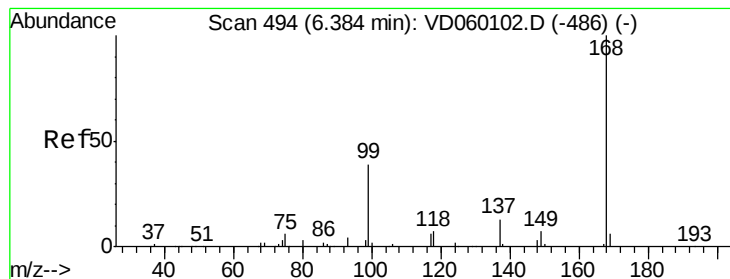
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Oct 02 06:56:35 2018
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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: VD060135.D

Acq: 5 Oct 2018 12:03

Instrument :

MSVOA_D

ClientSampleId :

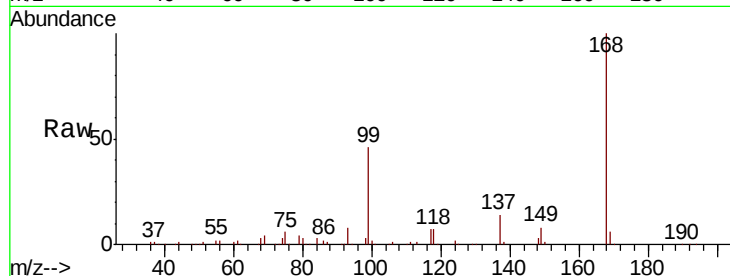
VD1005SBL01

Tot Ion:168 Resp: 1644382

Ion Ratio Lower Upper

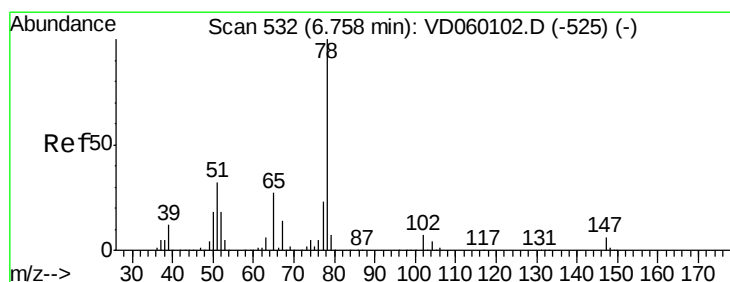
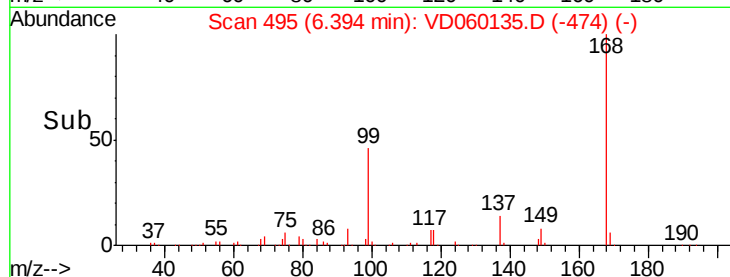
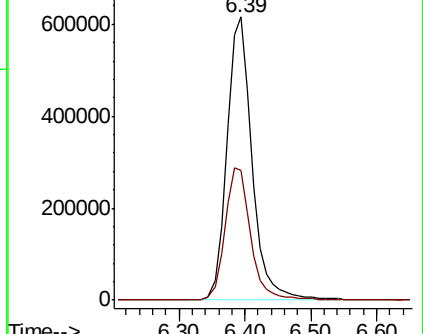
168 100

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



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.01 min

Lab File: VD060135.D

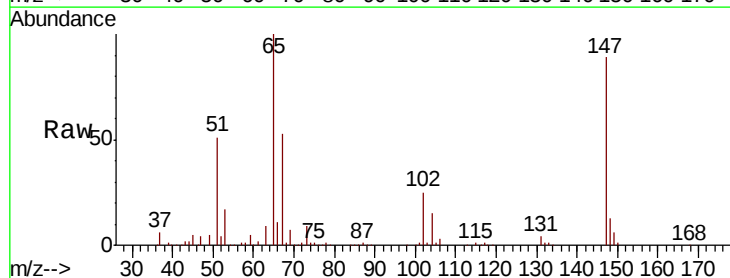
Acq: 5 Oct 2018 12:03

Tgt Ion: 65 Resp: 636095

Ion Ratio Lower Upper

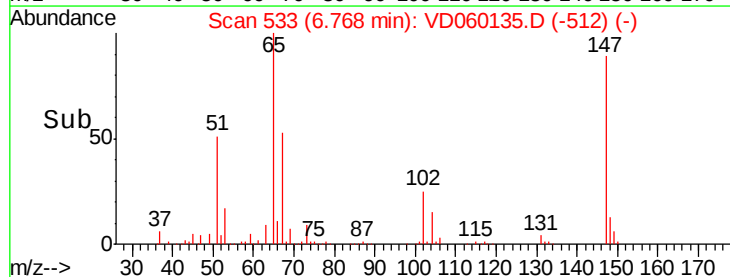
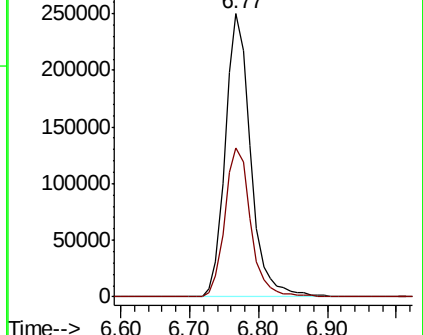
65 100

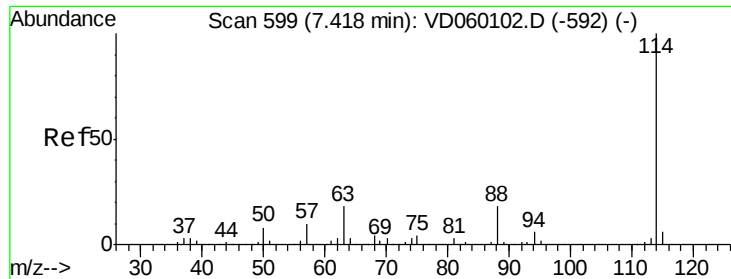
67 52.8 0.0 106.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

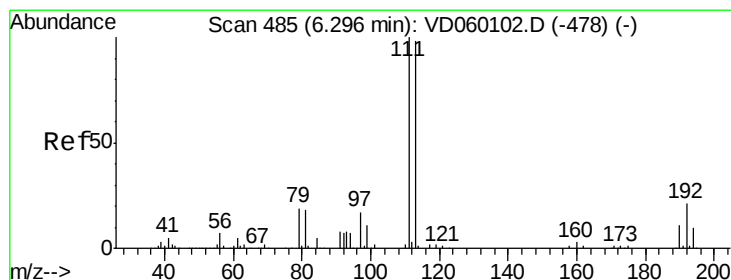
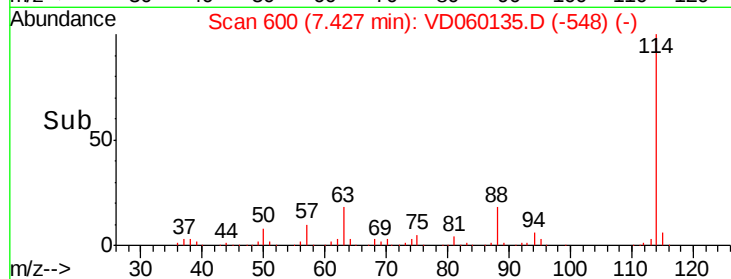
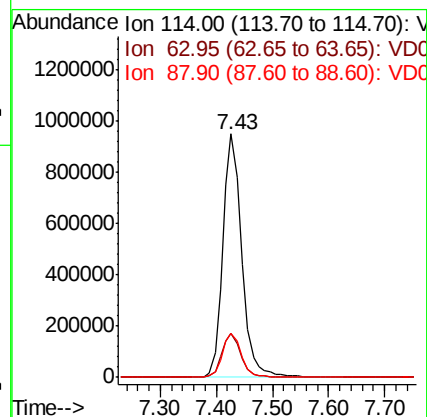
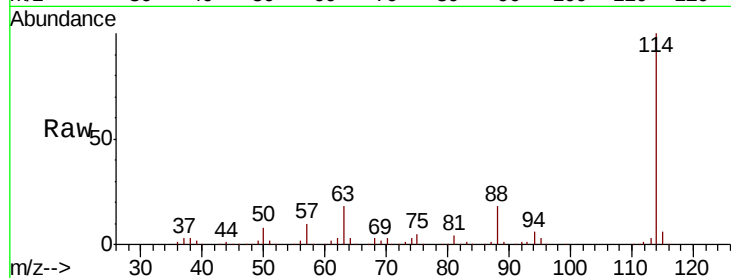




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.01 min
 Lab File: VD060135.D
 Acq: 5 Oct 2018 12:03

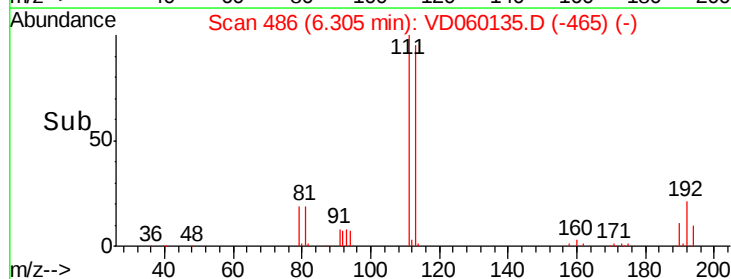
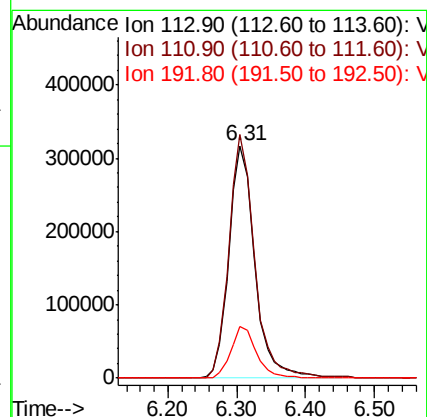
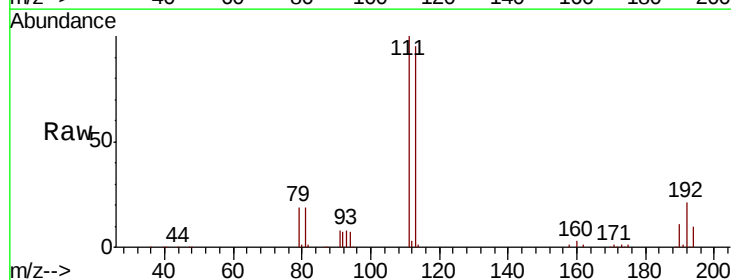
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1005SBL01

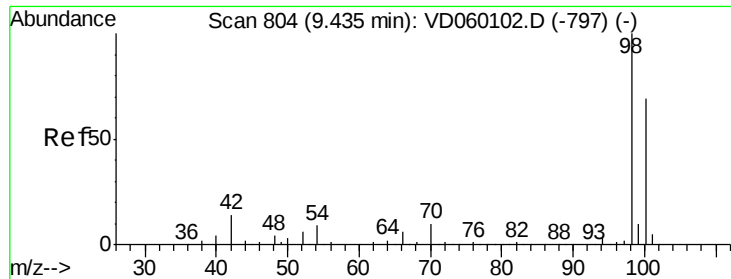
Tot Ion:114 Resp: 2242050
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 36.0
 88 18.1 0.0 36.2



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060135.D
 Acq: 5 Oct 2018 12:03

Tgt Ion:113 Resp: 830266
 Ion Ratio Lower Upper
 113 100
 111 104.8 81.5 122.3
 192 22.4 17.4 26.0

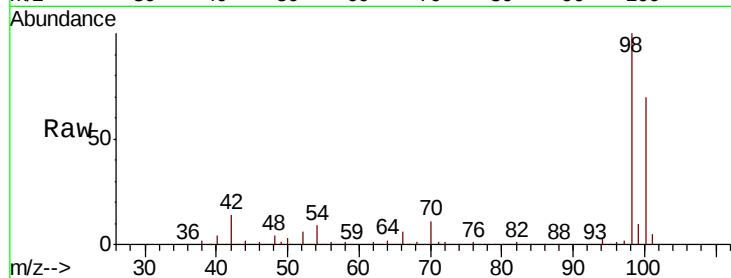




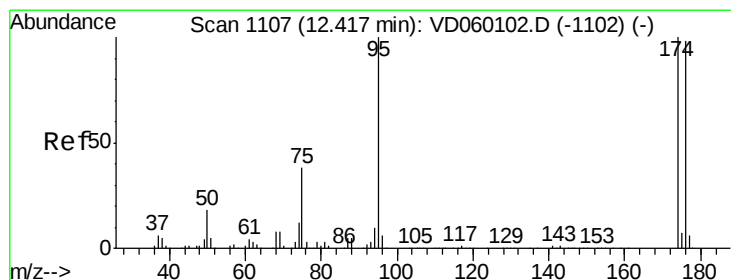
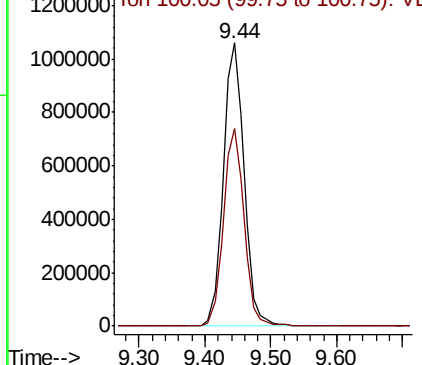
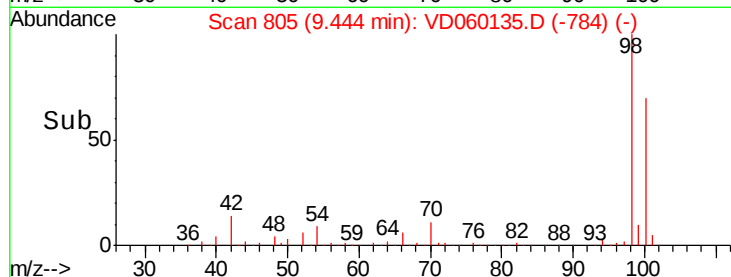
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.01 min
Lab File: VD060135.D
Acq: 5 Oct 2018 12:03

Instrument :
MSVOA_D
ClientSampleId :
VD1005SBL01

Tot Ion: 98 Resp: 2341337
Ion Ratio Lower Upper
98 100
100 69.9 55.4 83.0

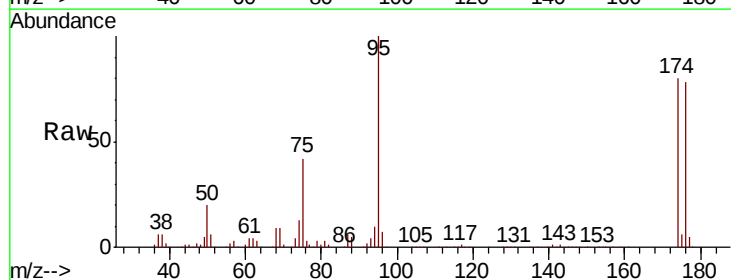


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

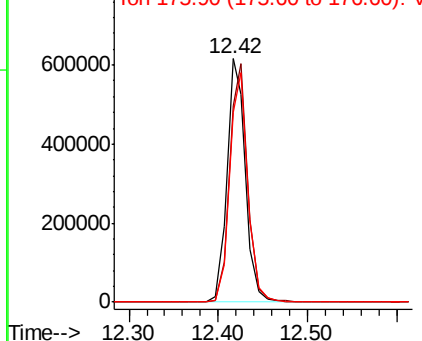
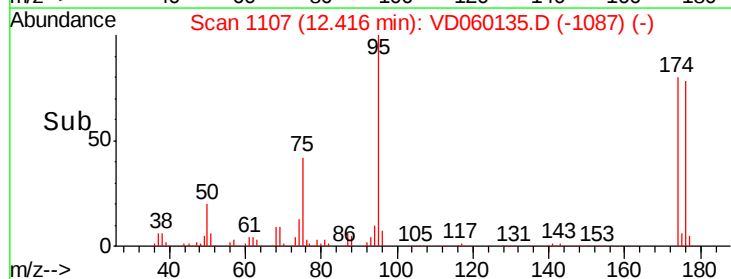


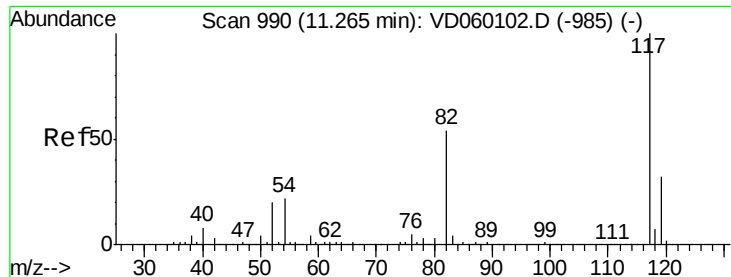
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.00 min
Lab File: VD060135.D
Acq: 5 Oct 2018 12:03

Tgt Ion: 95 Resp: 900967
Ion Ratio Lower Upper
95 100
174 80.4 0.0 200.2
176 77.8 0.0 195.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.27 min Scan# 991

Delta R.T. 0.01 min

Lab File: VD060135.D

Acq: 5 Oct 2018 12:03

Instrument :

MSVOA_D

ClientSampleId :

VD1005SBL01

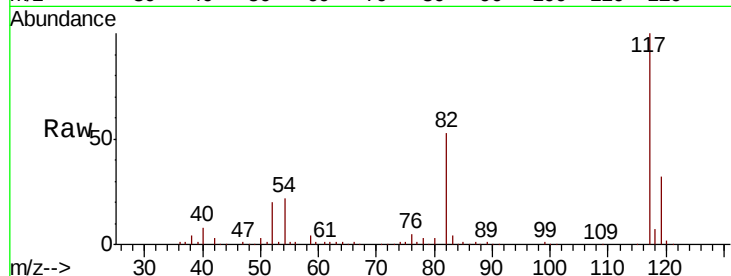
Tot Ion:117 Resp: 1845122

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.2

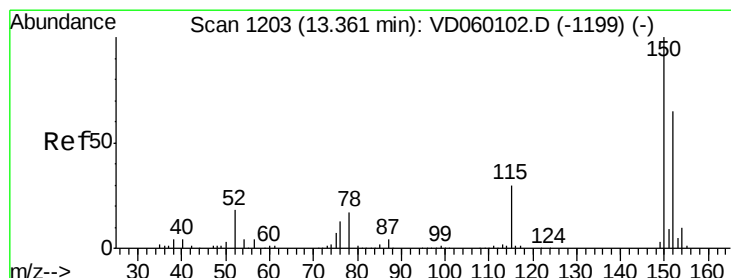
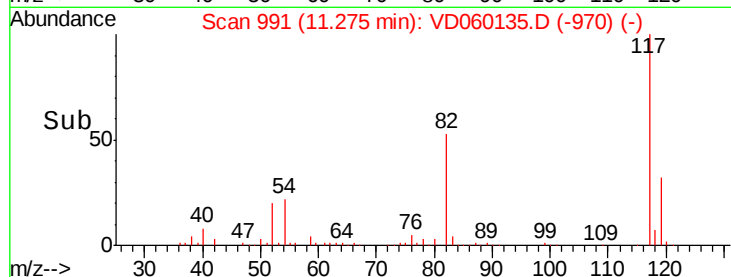
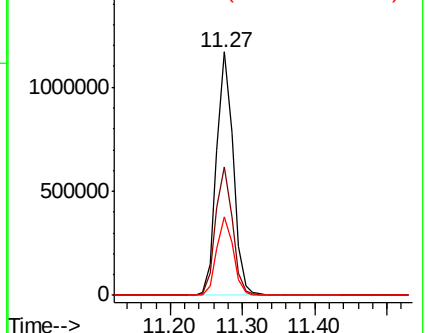
119 32.3 26.0 39.0



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: 13.37 min Scan# 1204

Delta R.T. 0.01 min

Lab File: VD060135.D

Acq: 5 Oct 2018 12:03

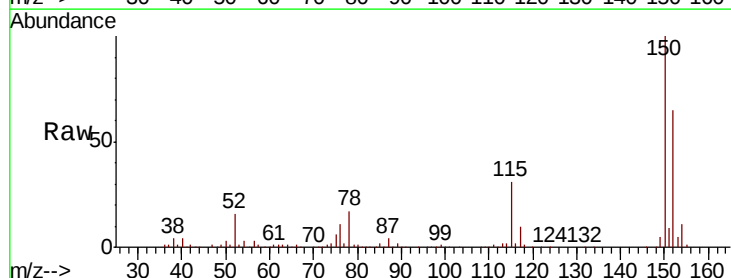
Tgt Ion:152 Resp: 947079

Ion Ratio Lower Upper

152 100

115 47.9 27.1 81.2

150 152.8 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

