

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060553.D
 Acq On : 13 Dec 2018 11:21
 Operator : VA/AP
 Sample : VD1213SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBL01

Quant Time: Dec 14 01:27:05 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	6.39	168	1593897	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	2173331	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1759237	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	862626	50.00	ug/l	-0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	552282	48.89	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	6.31	113	801982	50.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	100.48%	
50) Toluene-d8	9.43	98	2310883	50.02	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	100.04%	
62) 4-Bromofluorobenzene	12.42	95	776159	46.96	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	93.92%	

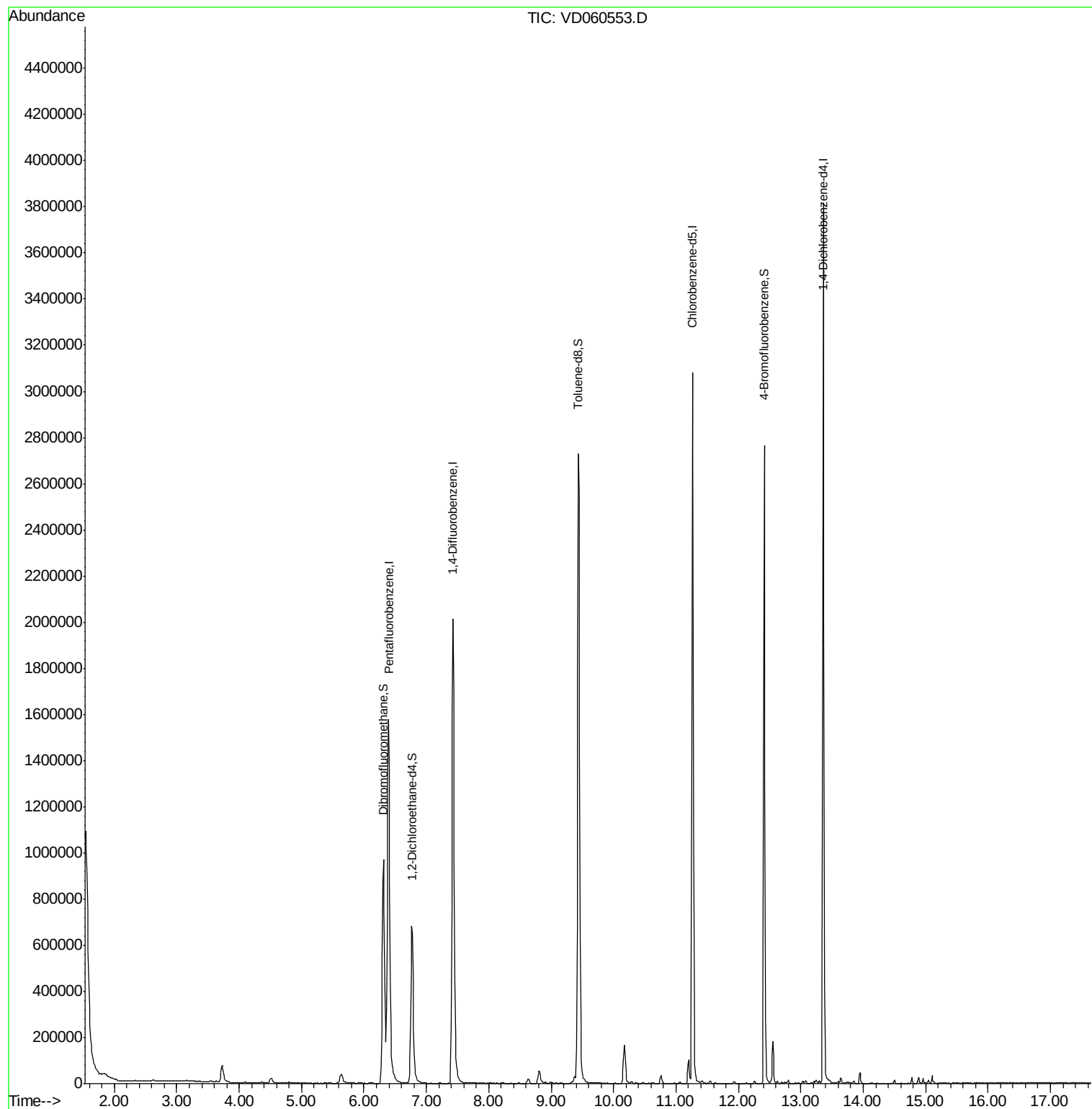
Target Compounds	Qvalue

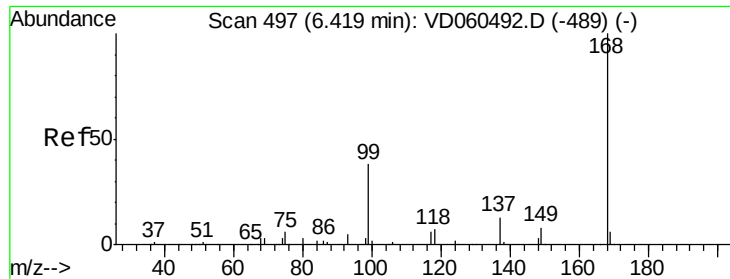
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.39 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060553.D

Acq: 13 Dec 2018 11:21

Instrument :

MSVOA_D

ClientSampleId :

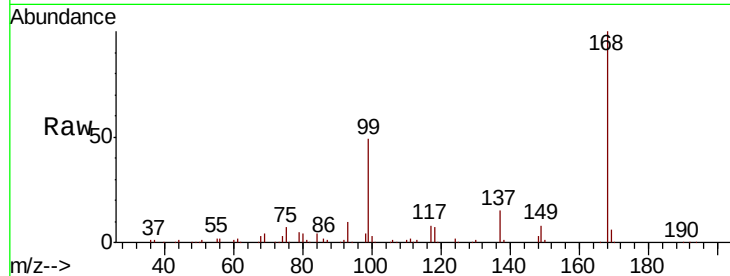
VD1213SBL01

Tot Ion:168 Resp: 1593897

Ion Ratio Lower Upper

168 100

99 49.0 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

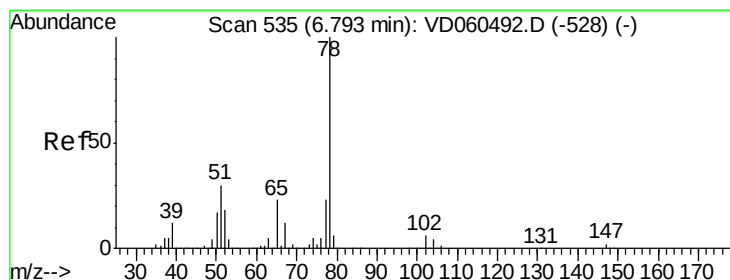
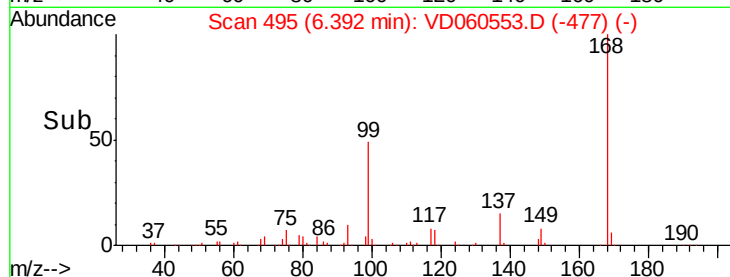
600000

400000

200000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.77 min Scan# 533

Delta R.T. -0.03 min

Lab File: VD060553.D

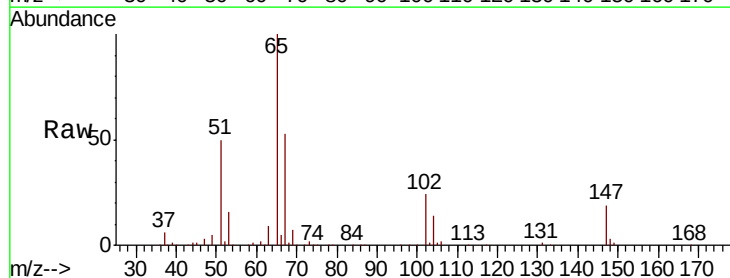
Acq: 13 Dec 2018 11:21

Tgt Ion: 65 Resp: 552282

Ion Ratio Lower Upper

65 100

67 53.0 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

200000

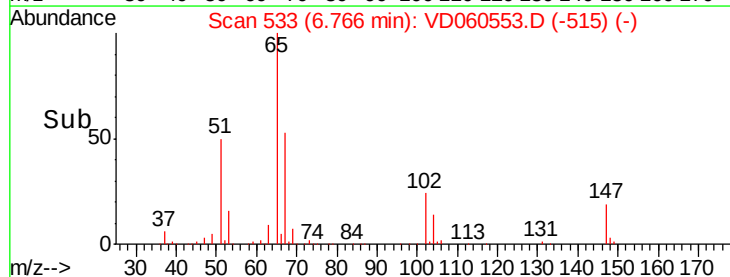
150000

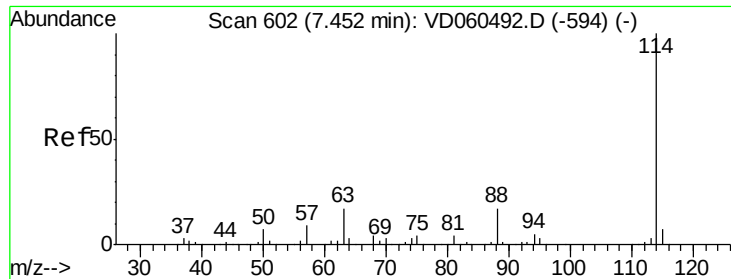
100000

50000

0

Time--> 6.60 6.70 6.80 6.90

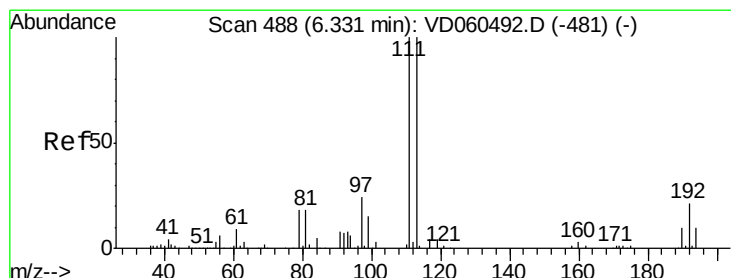
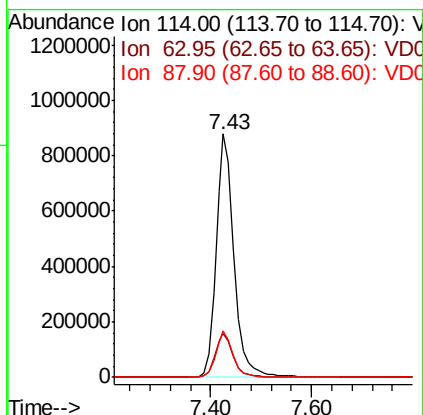
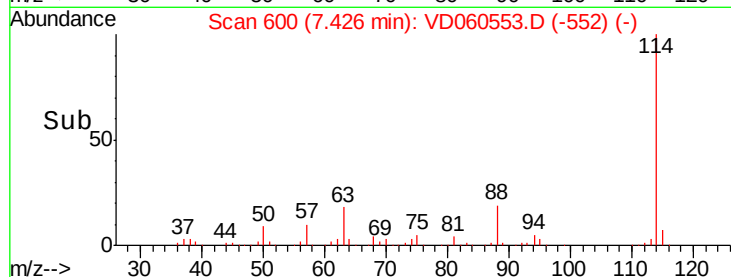
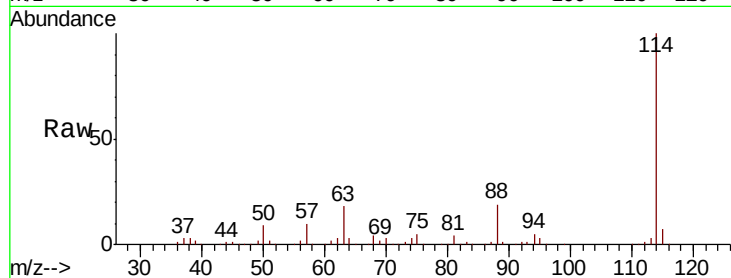




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. -0.03 min
 Lab File: VD060553.D
 Acq: 13 Dec 2018 11:21

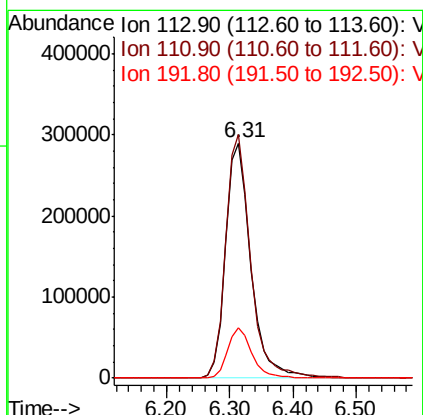
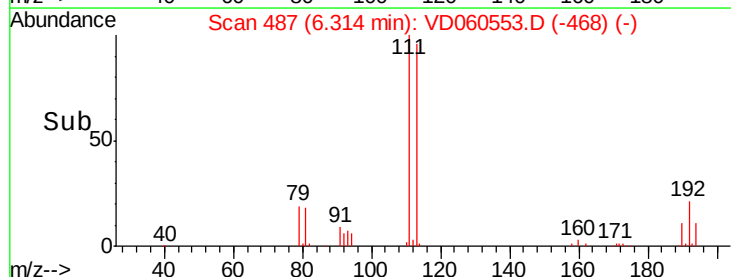
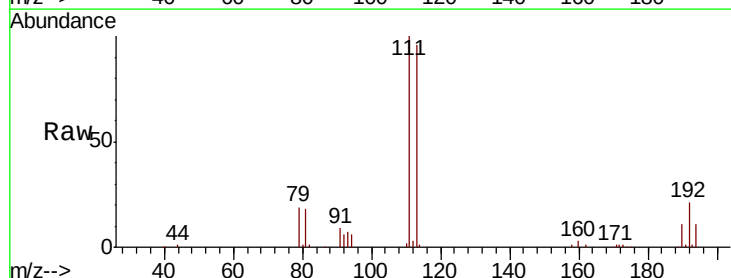
Instrument :
 MSVOA_D
 ClientSampleId :
 VD1213SBL01

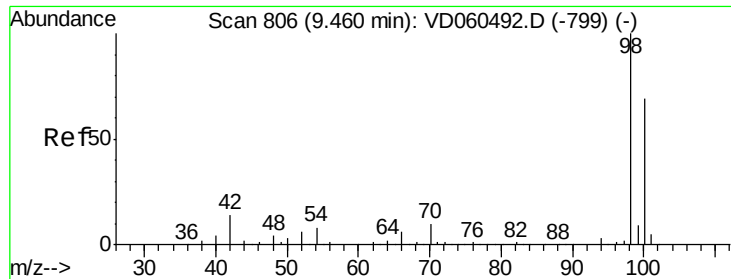
Tot Ion:114 Resp: 2173331
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.2
 88 18.9 0.0 35.0



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: VD060553.D
 Acq: 13 Dec 2018 11:21

Tgt Ion:113 Resp: 801982
 Ion Ratio Lower Upper
 113 100
 111 103.7 80.2 120.4
 192 21.5 16.6 24.8

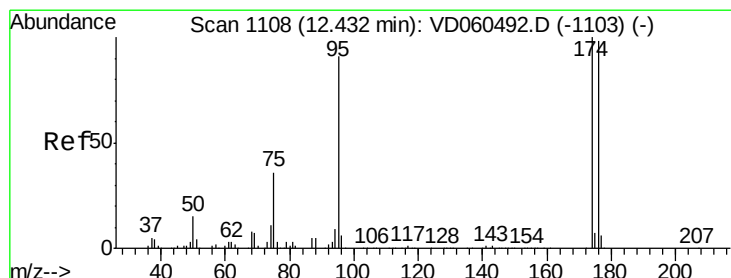
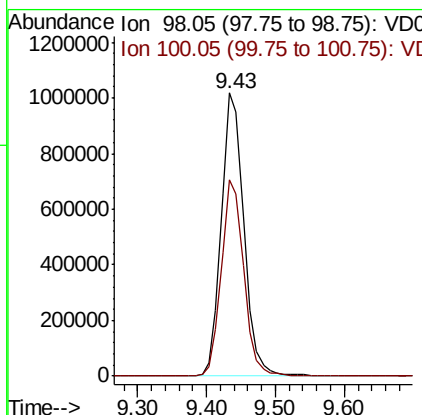
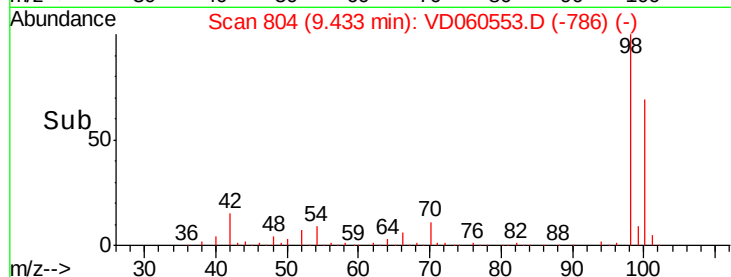
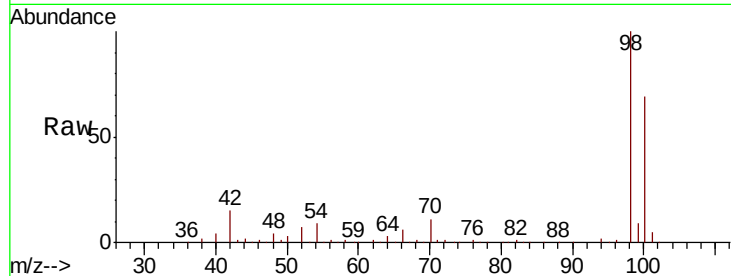




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

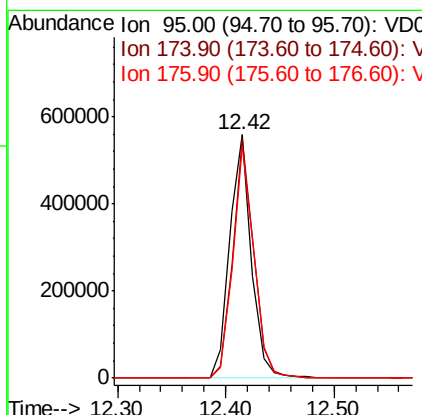
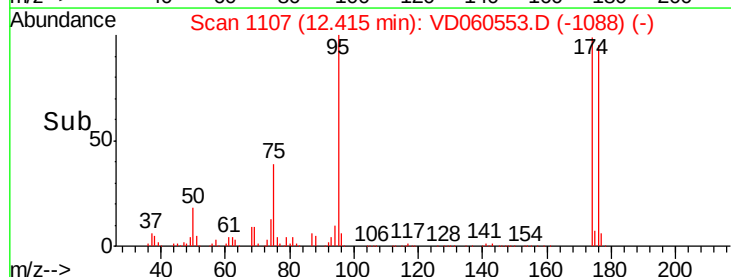
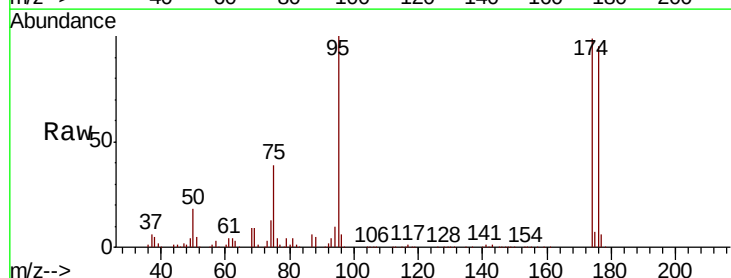
Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

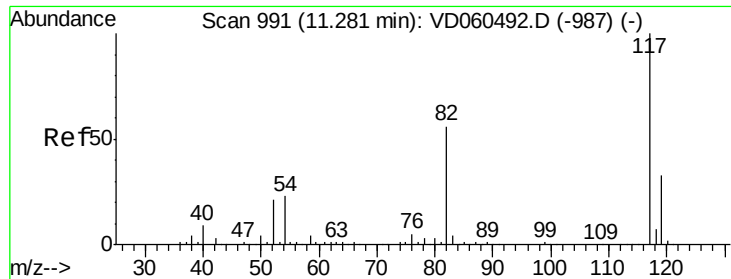
Tot Ion: 98 Resp: 2310883
Ion Ratio Lower Upper
98 100
100 69.4 55.7 83.5



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion: 95 Resp: 776159
Ion Ratio Lower Upper
95 100
174 98.7 0.0 219.4
176 95.5 0.0 214.6

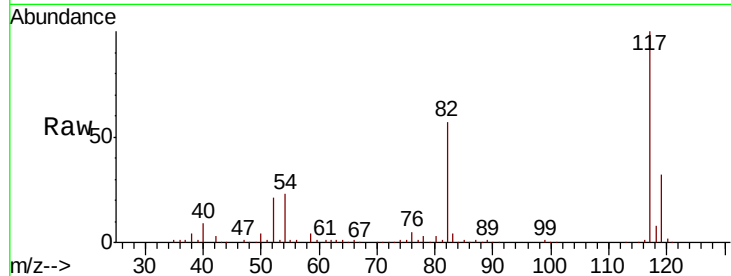




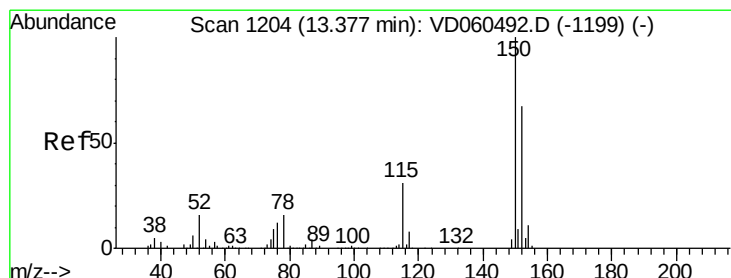
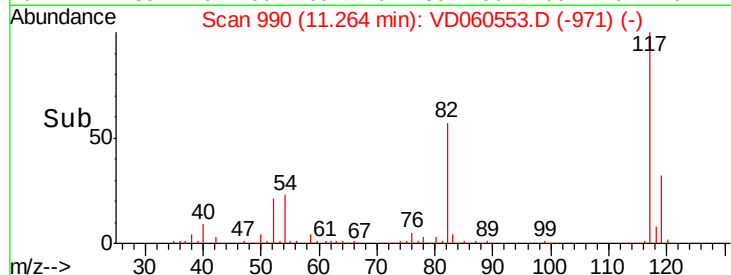
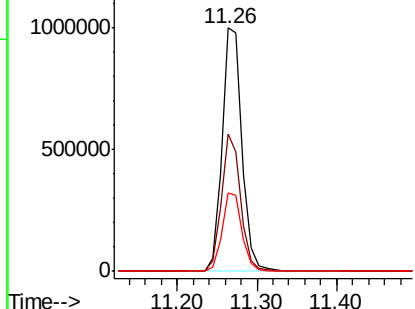
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.26 min Scan# 990
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Instrument :
MSVOA_D
ClientSampleId :
VD1213SBL01

Tot Ion:117 Resp: 1759237
Ion Ratio Lower Upper
117 100
82 56.6 45.2 67.8
119 32.0 26.1 39.1

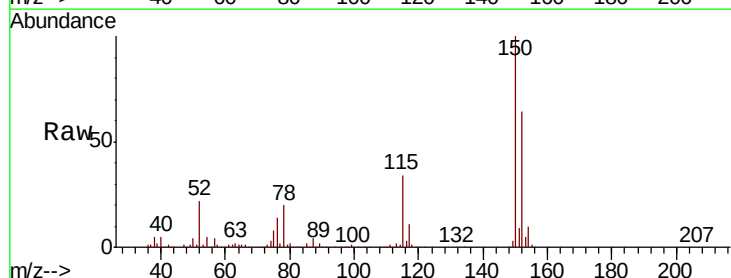


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): VD
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.02 min
Lab File: VD060553.D
Acq: 13 Dec 2018 11:21

Tgt Ion:152 Resp: 862626
Ion Ratio Lower Upper
152 100
115 53.6 24.6 74.0
150 156.3 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

