

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060592.D
 Acq On : 17 Dec 2018 11:40
 Operator : VA/AP
 Sample : VD1217SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1217SBL01

Quant Time: Dec 18 11:41:31 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	6.43	168	1550935	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.47	114	2112712	50.00	ug/l	0.01
63) Chlorobenzene-d5	11.30	117	1719118	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.38	152	882864	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.82	65	555187	50.50	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	101.00%	
35) Dibromofluoromethane	6.36	113	778947	50.20	ug/l	0.02
Spiked Amount				50.000		
			Recovery	=	100.40%	
50) Toluene-d8	9.47	98	2221715	49.47	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	98.94%	
62) 4-Bromofluorobenzene	12.44	95	803920	50.03	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.06%	

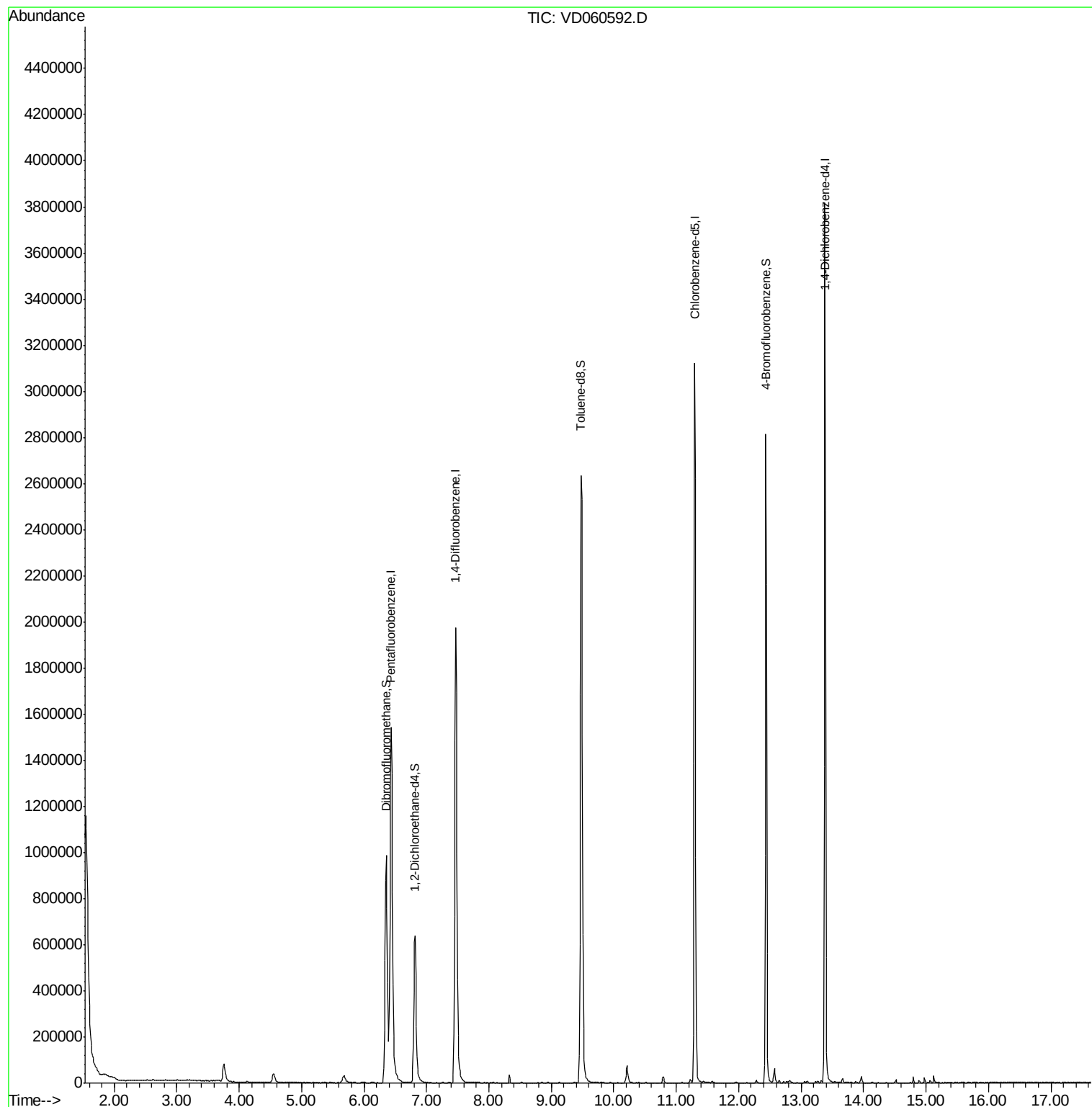
Target Compounds	Qvalue

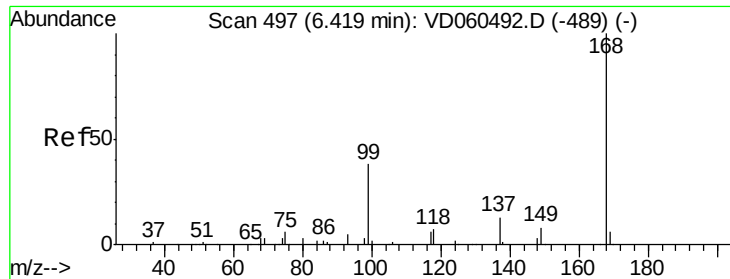
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
Data File : VD060592.D
Acq On : 17 Dec 2018 11:40
Operator : VA/AP
Sample : VD1217SBL01
Misc : 5.00µl/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Quant Time: Dec 18 11:41:31 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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: 6.43 min Scan# 499

Delta R.T. 0.01 min

Lab File: VD060592.D

Acq: 17 Dec 2018 11:40

Instrument :

MSVOA_D

ClientSampleId :

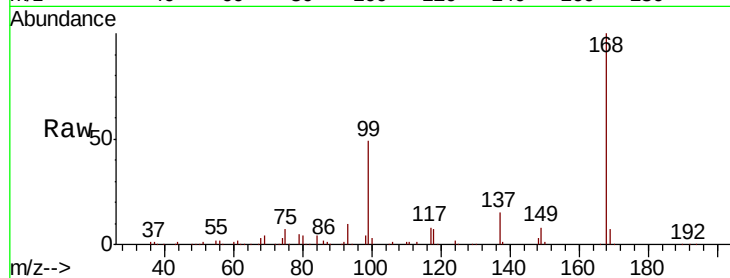
VD1217SBL01

Tot Ion:168 Resp: 1550935

Ion Ratio Lower Upper

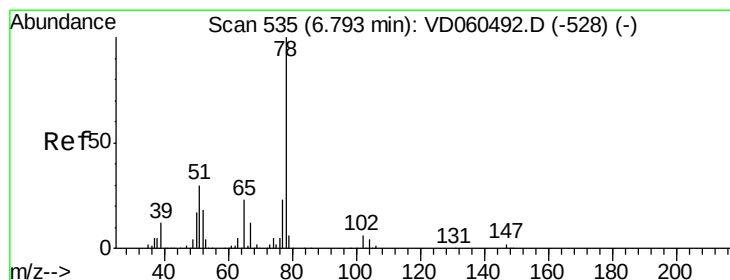
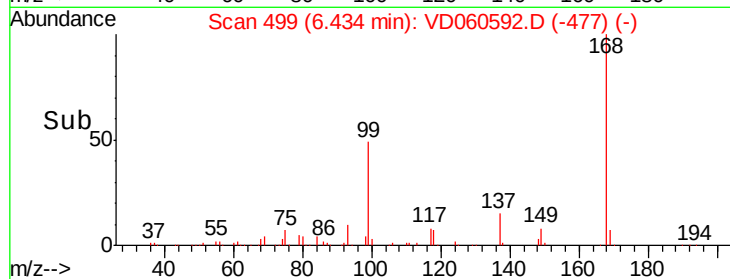
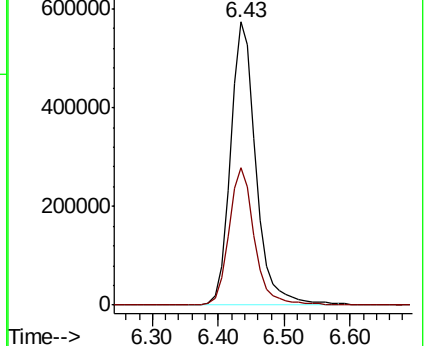
168 100

99 48.8 35.6 53.4



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: 6.82 min Scan# 538

Delta R.T. 0.02 min

Lab File: VD060592.D

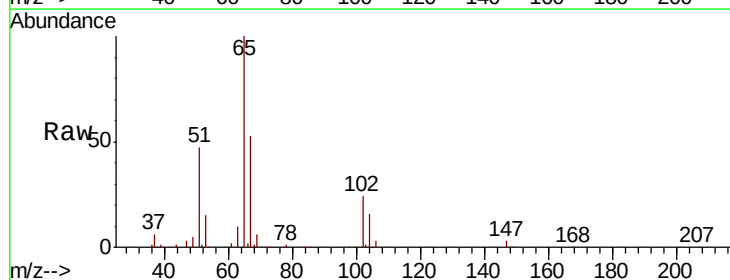
Acq: 17 Dec 2018 11:40

Tgt Ion: 65 Resp: 555187

Ion Ratio Lower Upper

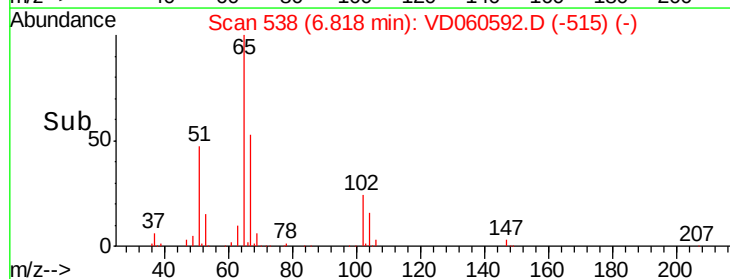
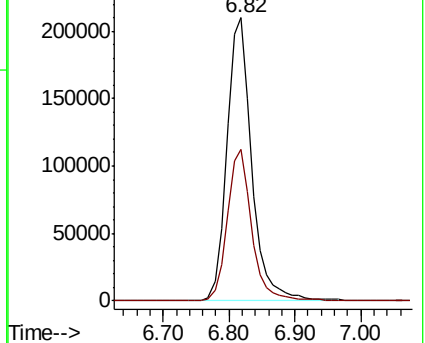
65 100

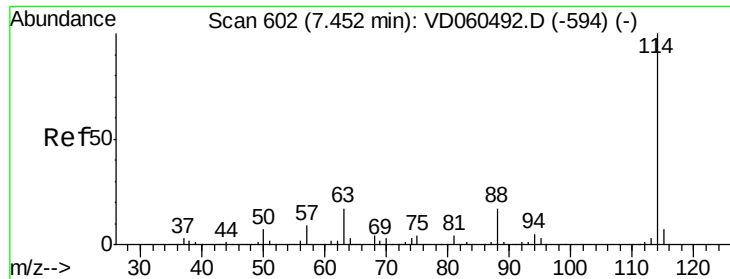
67 53.5 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

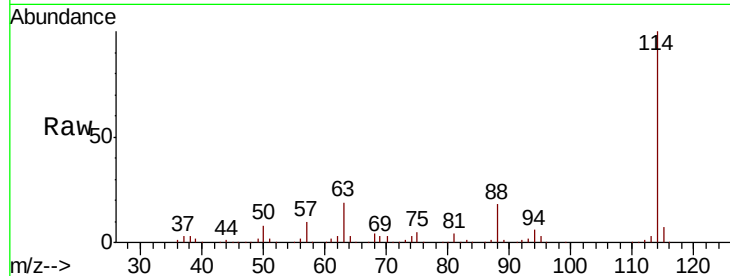




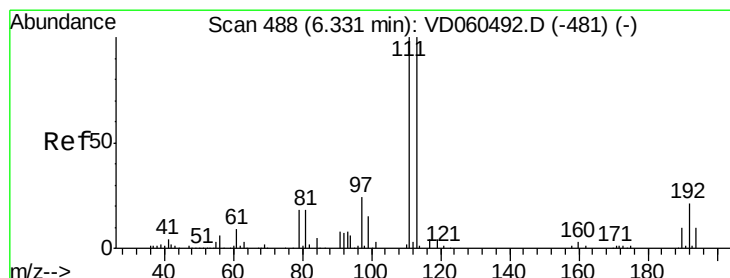
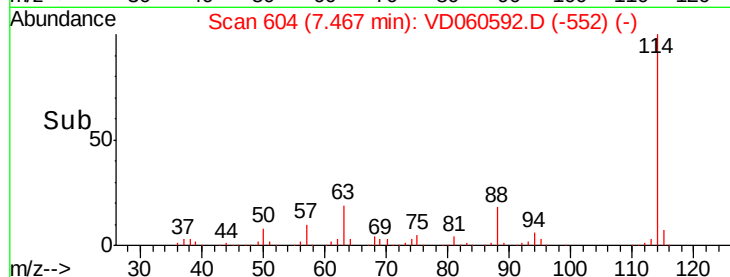
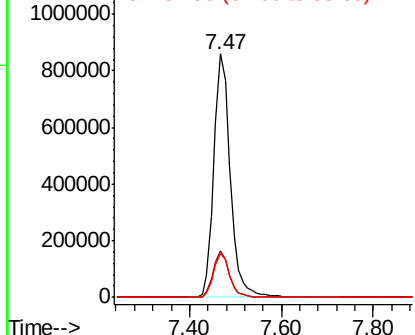
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 7.47 min Scan# 604
Delta R.T. 0.01 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tot Ion:114 Resp: 2112712
Ion Ratio Lower Upper
114 100
63 18.9 0.0 34.2
88 18.1 0.0 35.0

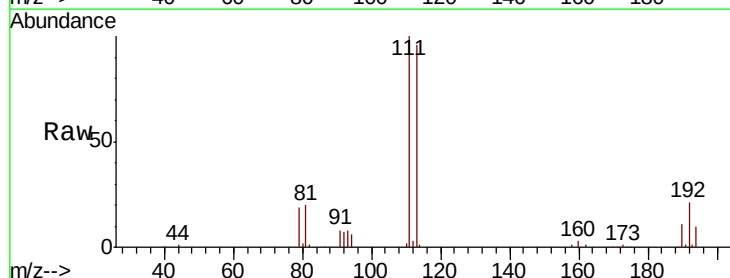


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

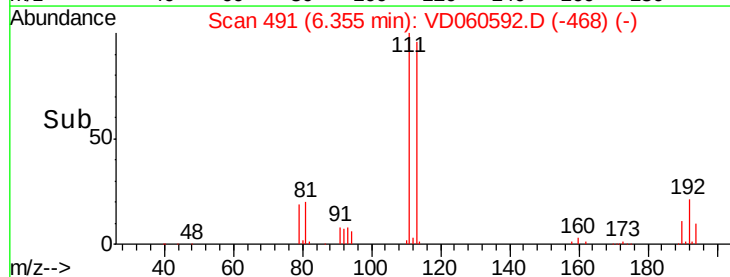
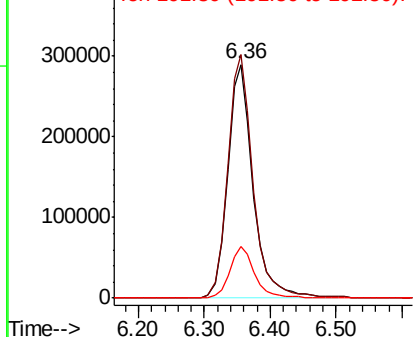


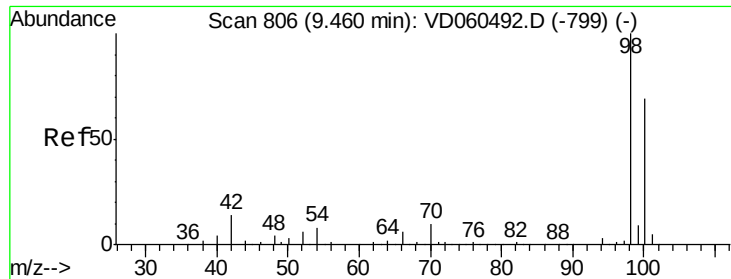
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.36 min Scan# 491
Delta R.T. 0.02 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Tgt Ion:113 Resp: 778947
Ion Ratio Lower Upper
113 100
111 104.1 80.2 120.4
192 22.2 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

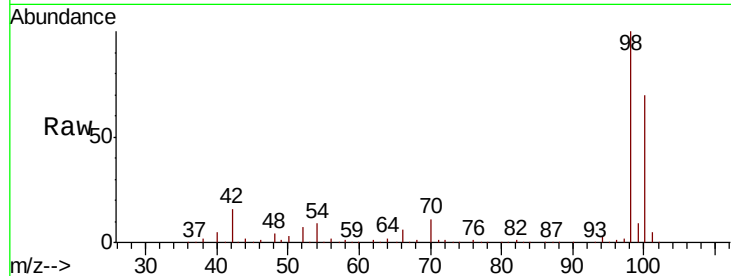




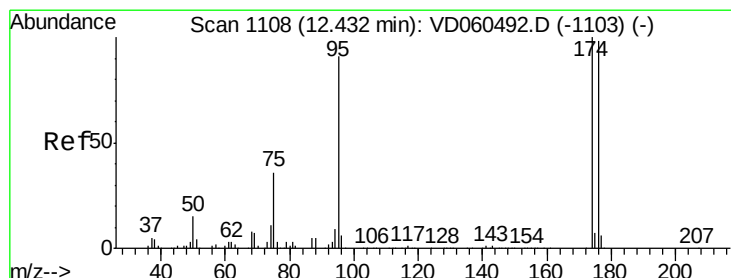
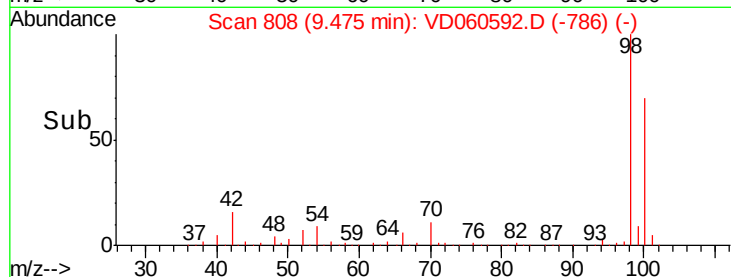
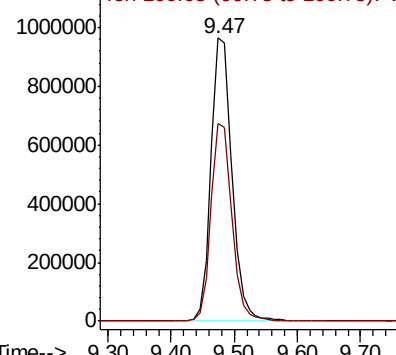
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.47 min Scan# 808
Delta R.T. 0.01 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tot Ion: 98 Resp: 2221715
Ion Ratio Lower Upper
98 100
100 69.8 55.7 83.5

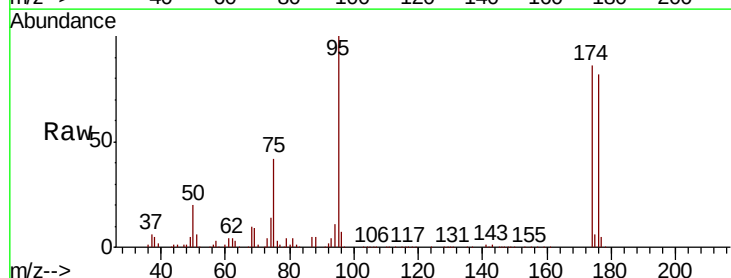


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

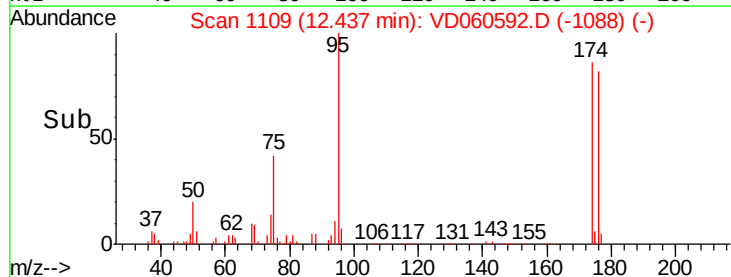
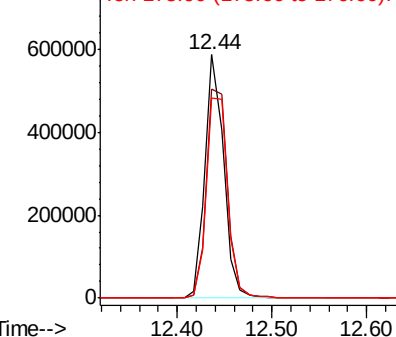


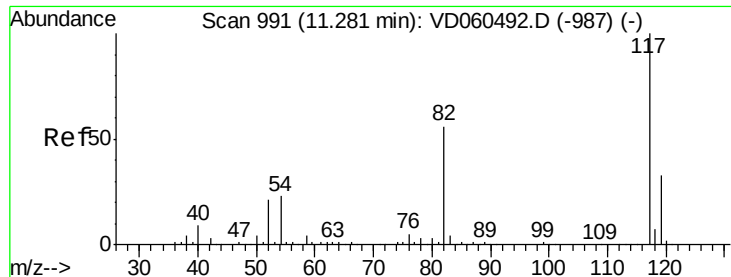
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.44 min Scan# 1109
Delta R.T. 0.00 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Tgt Ion: 95 Resp: 803920
Ion Ratio Lower Upper
95 100
174 85.8 0.0 219.4
176 82.0 0.0 214.6



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

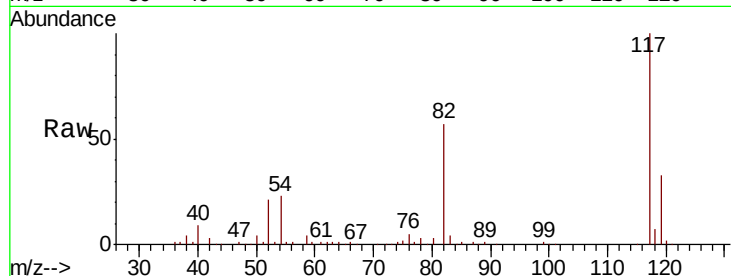




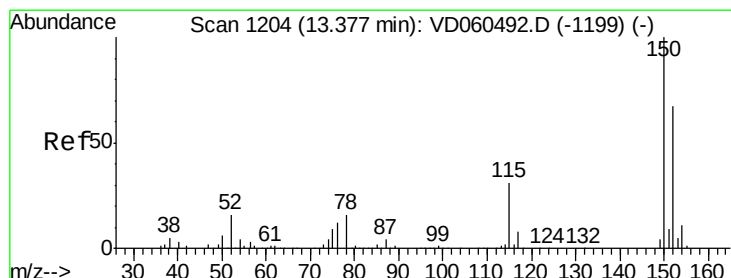
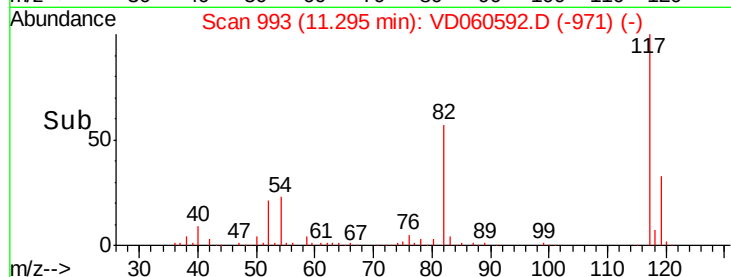
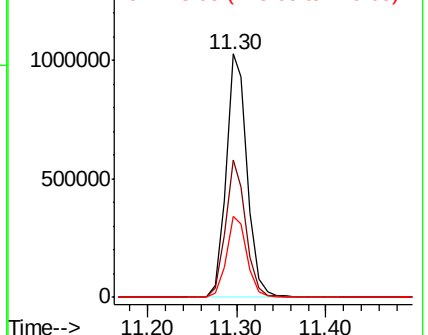
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.30 min Scan# 993
Delta R.T. 0.01 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Instrument :
MSVOA_D
ClientSampleId :
VD1217SBL01

Tot Ion:117 Resp: 1719118
Ion Ratio Lower Upper
117 100
82 56.5 45.2 67.8
119 33.2 26.1 39.1

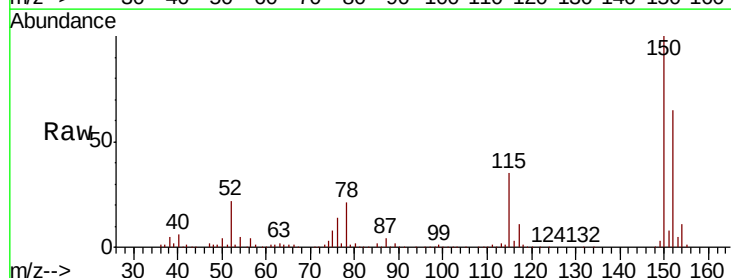


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.00 min
Lab File: VD060592.D
Acq: 17 Dec 2018 11:40

Tgt Ion:152 Resp: 882864
Ion Ratio Lower Upper
152 100
115 54.0 24.6 74.0
150 154.6 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

