

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060037.D
 Acq On : 19 Sep 2018 11:15
 Operator : JC/SY
 Sample : VD0919SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBL01

Quant Time: Sep 21 16:12:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.41	168	1593555	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.45	114	2181962	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1785508	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.38	152	949529	50.00	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	700713	56.39	ug/l	0.03
Spiked Amount	50.000		Recovery	=	112.78%	
35) Dibromofluoromethane	6.33	113	905813	53.14	ug/l	0.03
Spiked Amount	50.000		Recovery	=	106.28%	
50) Toluene-d8	9.46	98	2536529	53.69	ug/l	0.02
Spiked Amount	50.000		Recovery	=	107.38%	
62) 4-Bromofluorobenzene	12.43	95	977544	54.16	ug/l	0.01
Spiked Amount	50.000		Recovery	=	108.32%	

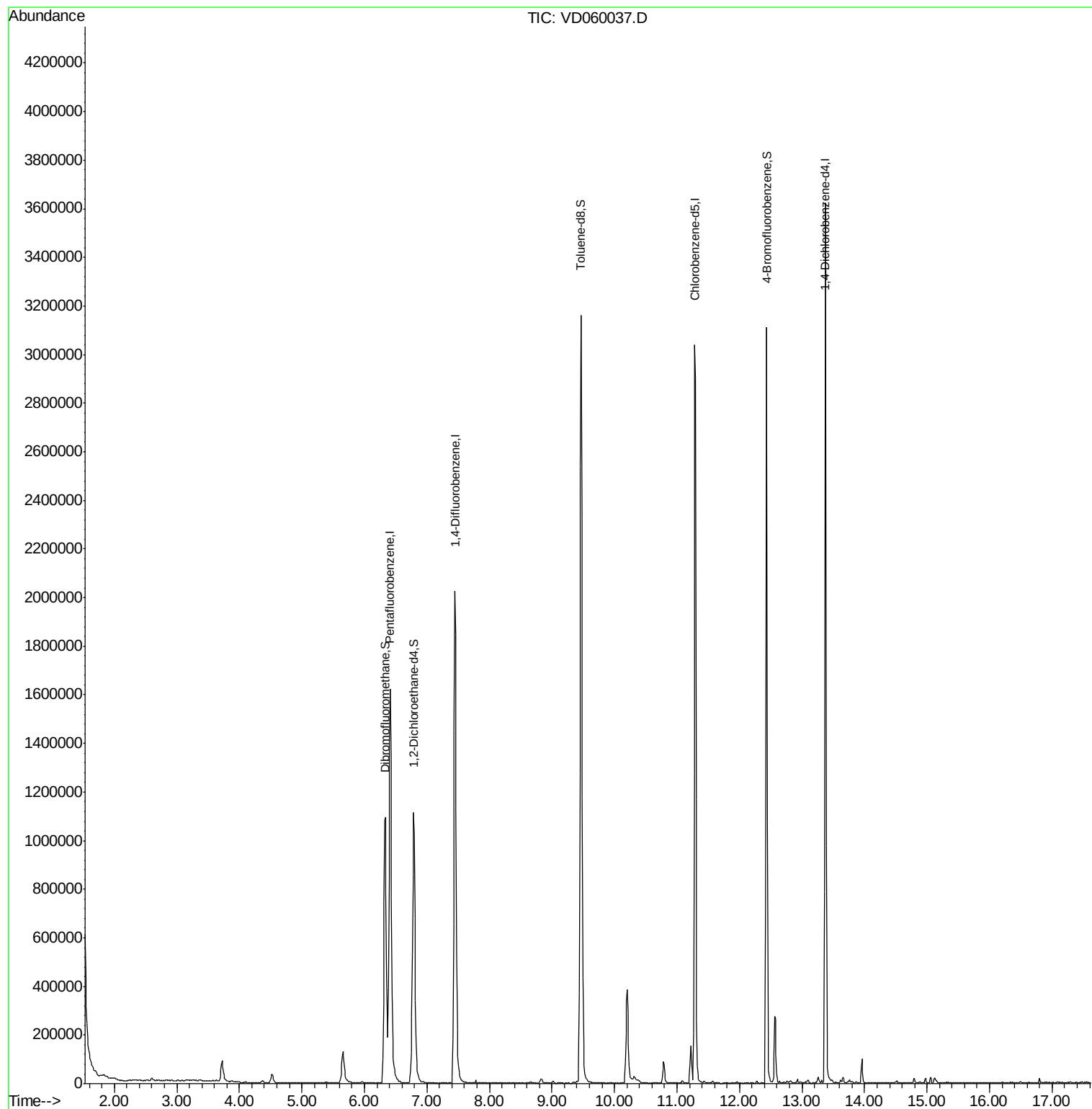
Target Compounds	Qvalue

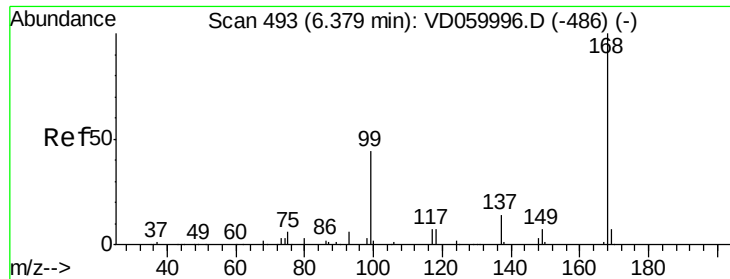
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD091918\
Data File : VD060037.D
Acq On : 19 Sep 2018 11:15
Operator : JC/SY
Sample : VD0919SBL01
Misc : 5.00g/5ml/MSVOA D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

Quant Time: Sep 21 16:12:15 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.41 min Scan# 497

Delta R.T. 0.03 min

Lab File: VD060037.D

Acq: 19 Sep 2018 11:15

Instrument :

MSVOA_D

ClientSampleId :

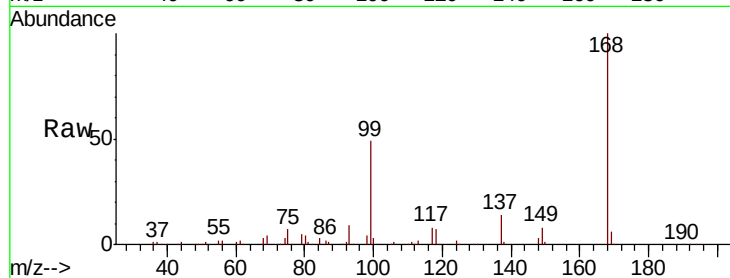
VD0919SBL01

Tot Ion:168 Resp: 1593555

Ion Ratio Lower Upper

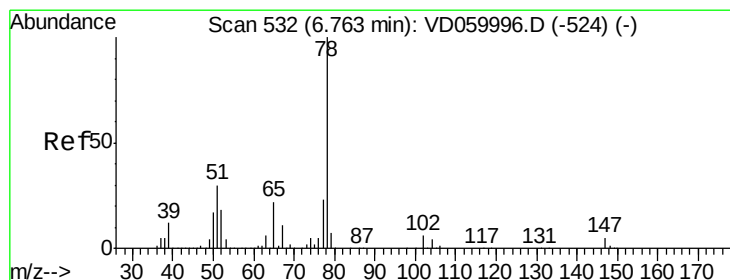
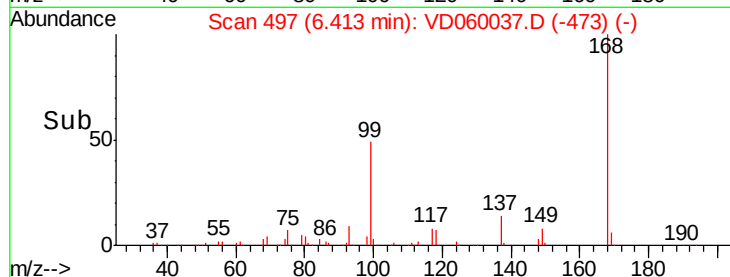
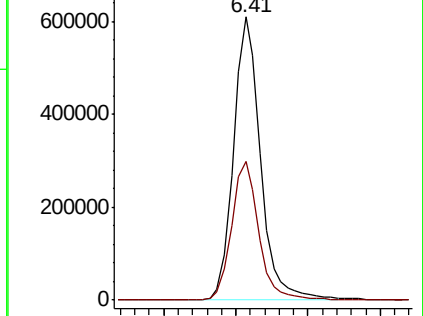
168 100

99 48.9 38.5 57.7



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: 6.80 min Scan# 536

Delta R.T. 0.03 min

Lab File: VD060037.D

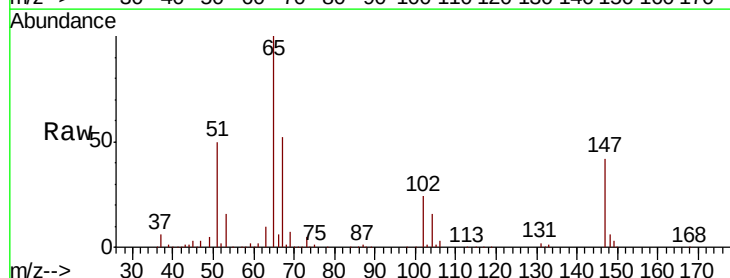
Acq: 19 Sep 2018 11:15

Tgt Ion: 65 Resp: 700713

Ion Ratio Lower Upper

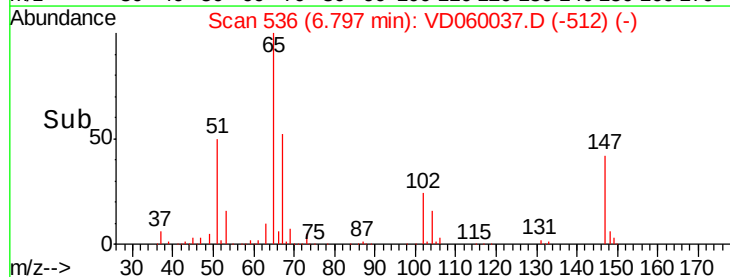
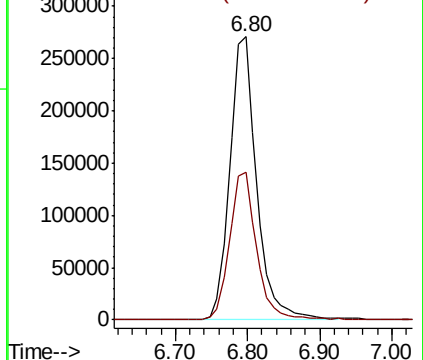
65 100

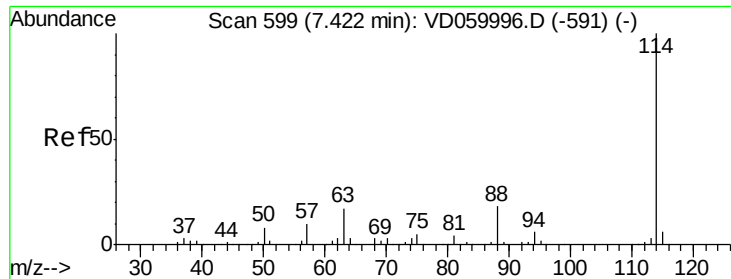
67 52.3 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

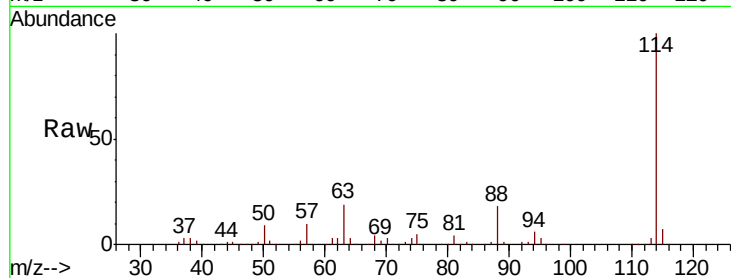




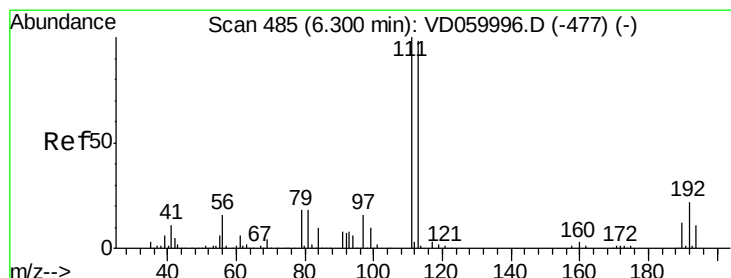
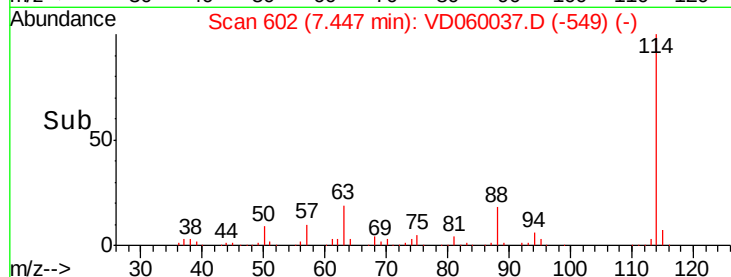
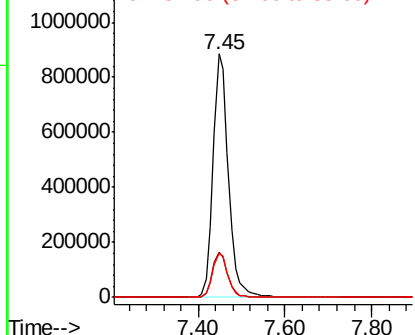
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.45 min Scan# 602
 Delta R.T. 0.02 min
 Lab File: VD060037.D
 Acq: 19 Sep 2018 11:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0919SBL01

Tot Ion:114 Resp: 2181962
 Ion Ratio Lower Upper
 114 100
 63 18.6 0.0 34.4
 88 18.1 0.0 35.8

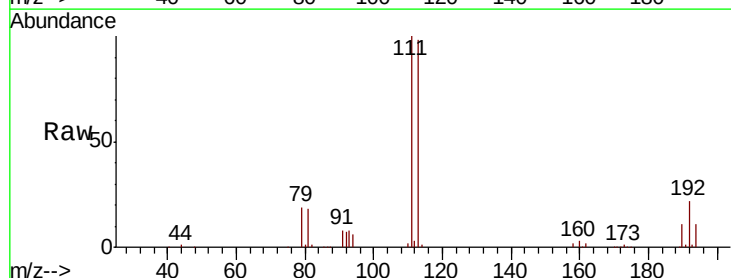


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

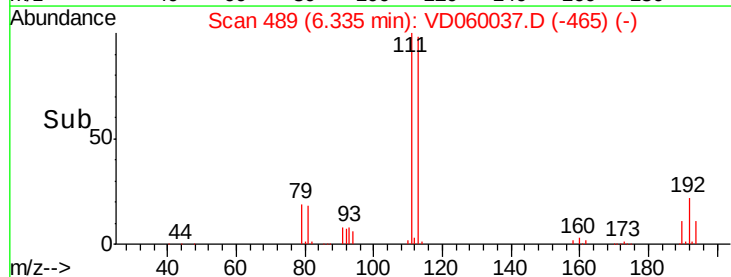
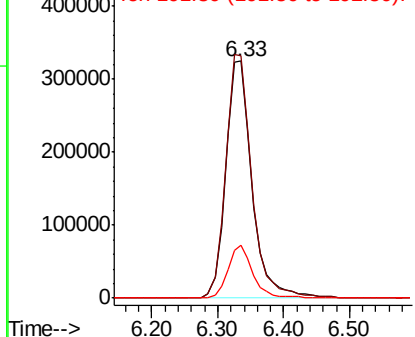


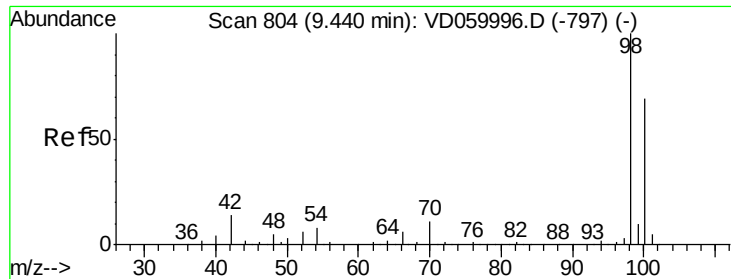
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.33 min Scan# 489
 Delta R.T. 0.03 min
 Lab File: VD060037.D
 Acq: 19 Sep 2018 11:15

Tgt Ion:113 Resp: 905813
 Ion Ratio Lower Upper
 113 100
 111 102.2 81.3 121.9
 192 22.6 18.1 27.1



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

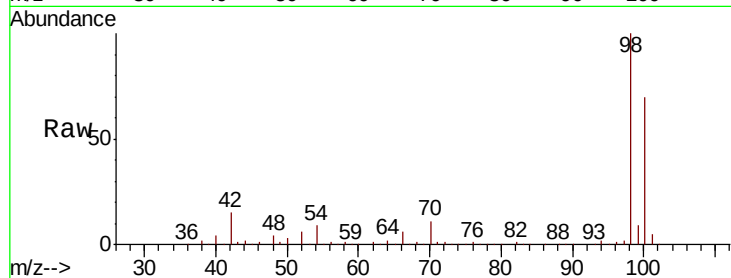




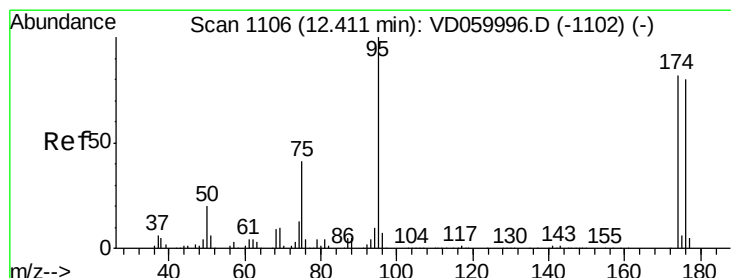
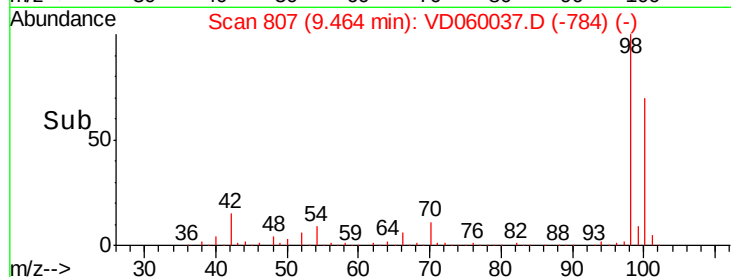
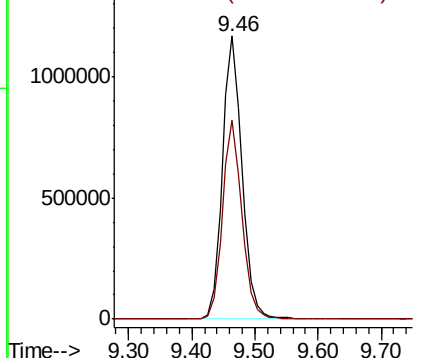
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.46 min Scan# 807
Delta R.T. 0.02 min
Lab File: VD060037.D
Acq: 19 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

Tot Ion: 98 Resp: 2536529
Ion Ratio Lower Upper
98 100
100 70.1 55.8 83.6

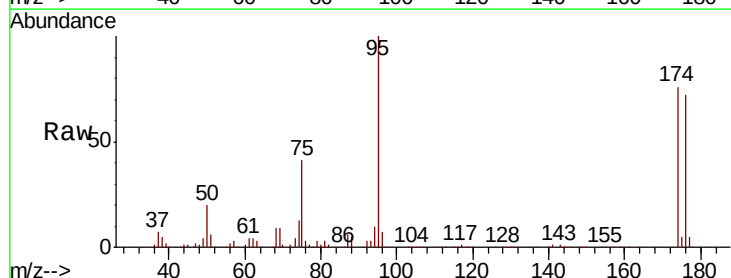


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

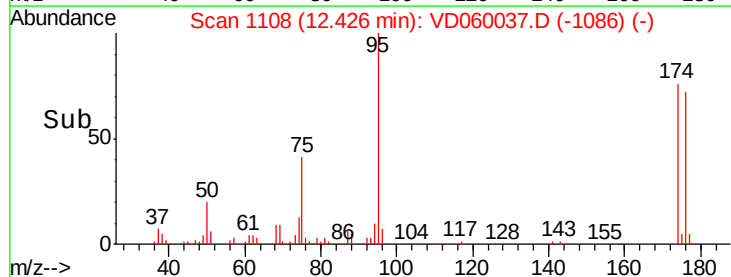
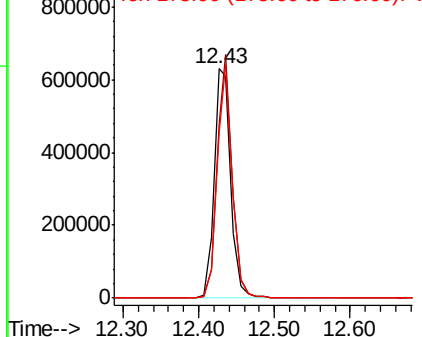


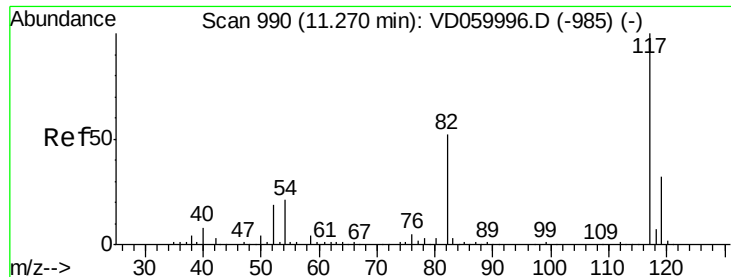
#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060037.D
Acq: 19 Sep 2018 11:15

Tgt Ion: 95 Resp: 977544
Ion Ratio Lower Upper
95 100
174 76.3 0.0 165.0
176 72.1 0.0 160.2



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

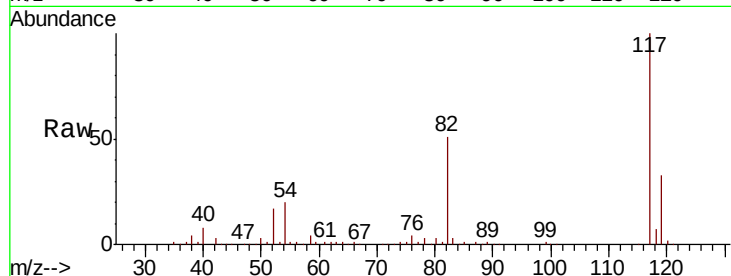




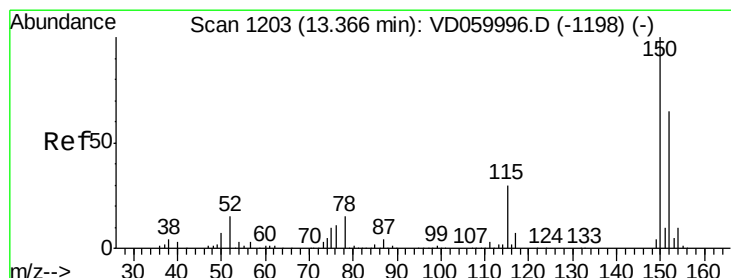
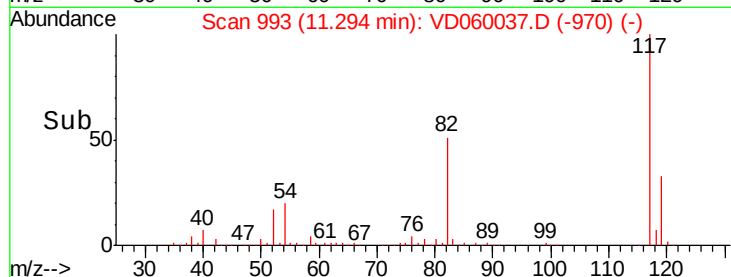
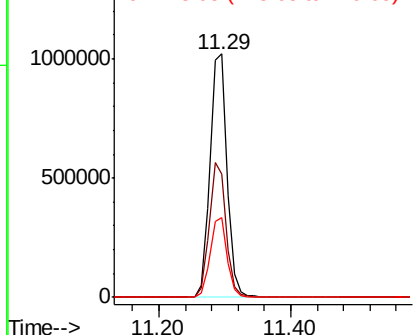
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 993
Delta R.T. 0.02 min
Lab File: VD060037.D
Acq: 19 Sep 2018 11:15

Instrument :
MSVOA_D
ClientSampleId :
VD0919SBL01

Tot Ion:117 Resp: 1785508
Ion Ratio Lower Upper
117 100
82 50.8 41.7 62.5
119 32.9 26.0 39.0

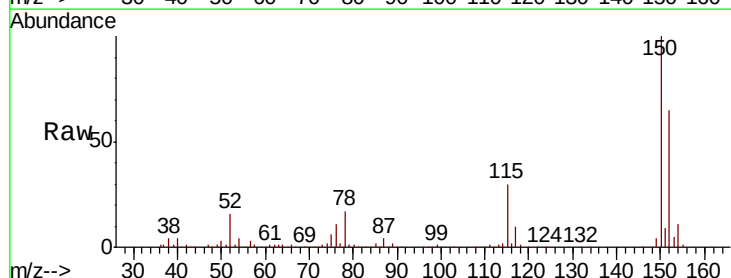


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1205
Delta R.T. 0.01 min
Lab File: VD060037.D
Acq: 19 Sep 2018 11:15

Tgt Ion:152 Resp: 949529
Ion Ratio Lower Upper
152 100
115 46.9 24.6 73.8
150 153.7 0.0 313.4



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

