

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040419\
 Data File : VD061600.D
 Acq On : 5 Apr 2019 2:28
 Operator : VA/AP
 Sample : VD0404SBL02
 Misc : 5.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBL02

Quant Time: Apr 05 06:57:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	480204	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	850169	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	711176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	273416	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.43	65	241704	58.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.84%	
35) Dibromofluoromethane	6.90	113	374248	57.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	115.20%	
50) Toluene-d8	10.39	98	833063	53.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.92%	
62) 4-Bromofluorobenzene	13.54	95	341641	57.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.34%	

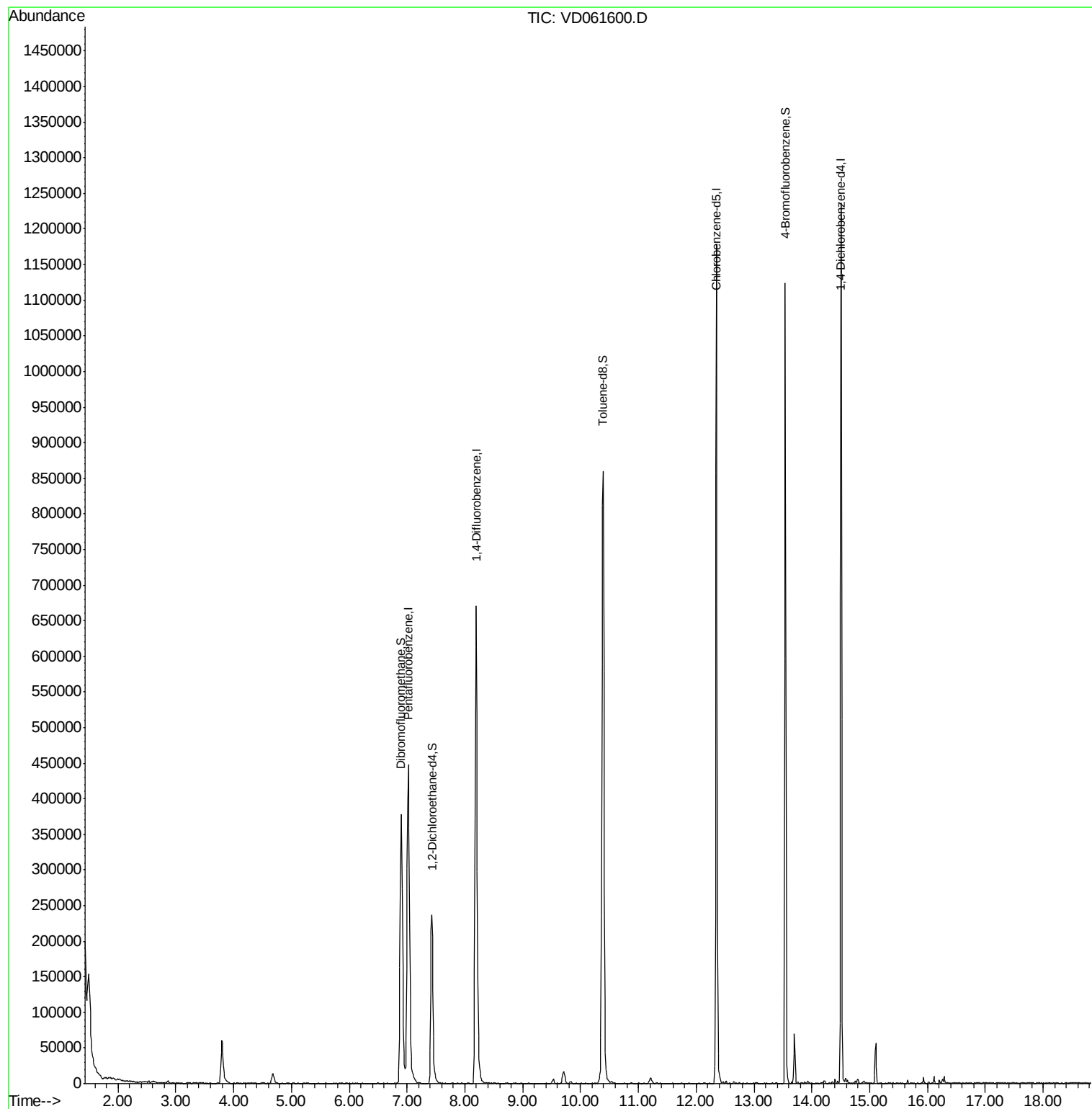
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 569

Delta R.T. 0.01 min

Lab File: VD061600.D

Acq: 5 Apr 2019 2:28

Instrument :

MSVOA_D

ClientSampleId :

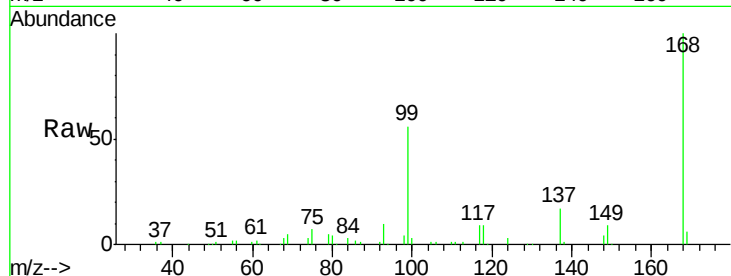
VD0404SBL02

Tot Ion:168 Resp: 480204

Ion Ratio Lower Upper

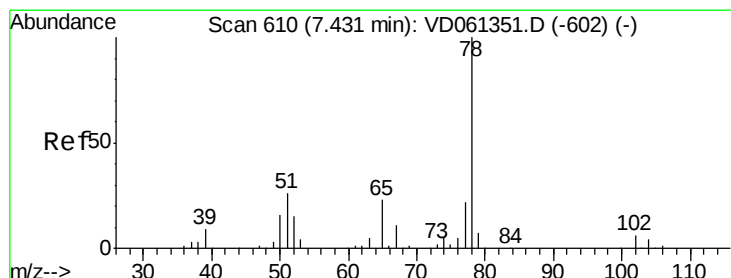
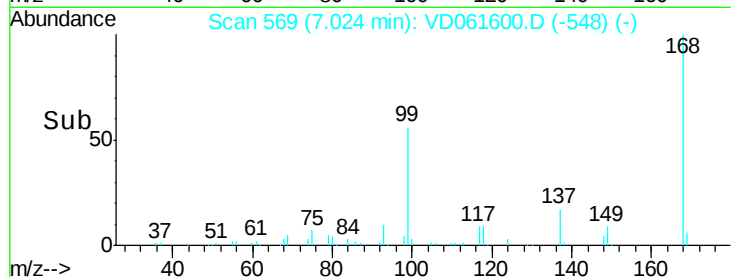
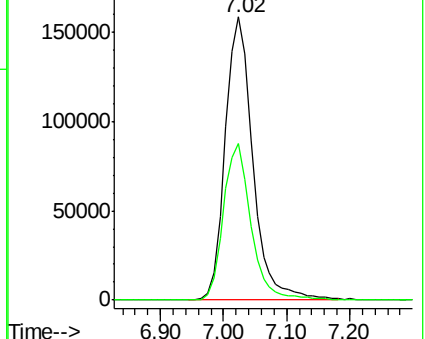
168 100

99 55.5 43.1 64.7



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: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.00 min

Lab File: VD061600.D

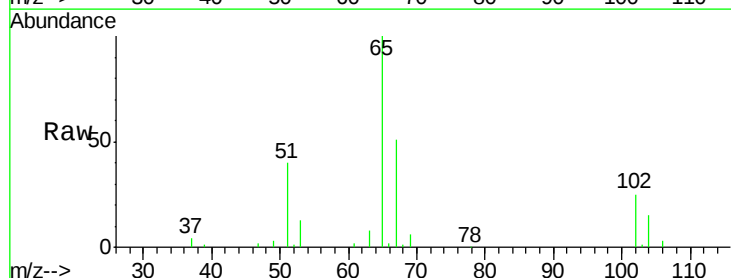
Acq: 5 Apr 2019 2:28

Tgt Ion: 65 Resp: 241704

Ion Ratio Lower Upper

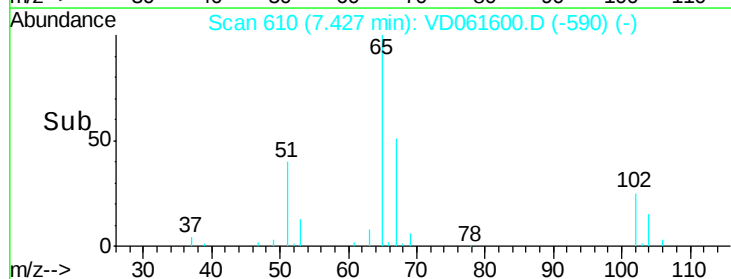
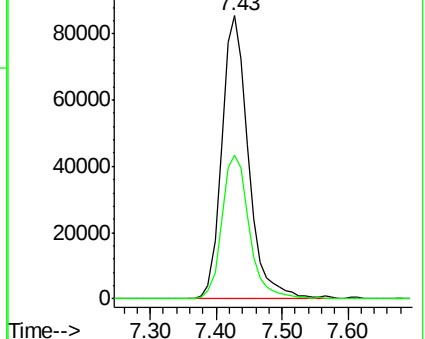
65 100

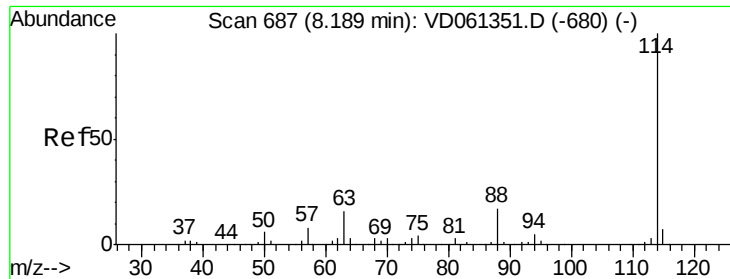
67 50.9 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

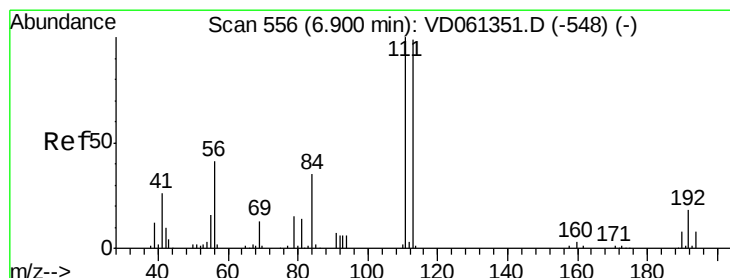
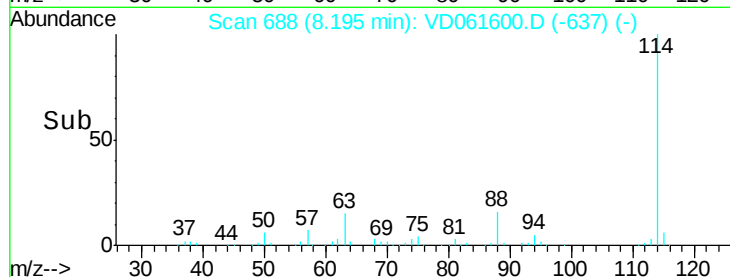
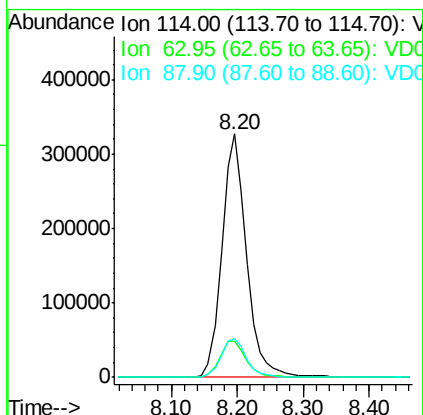
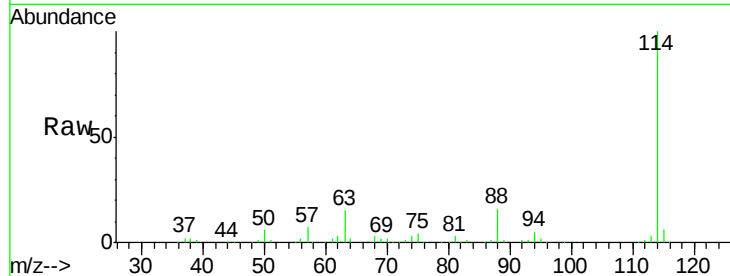




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 688
 Delta R.T. 0.01 min
 Lab File: VD061600.D
 Acq: 5 Apr 2019 2:28

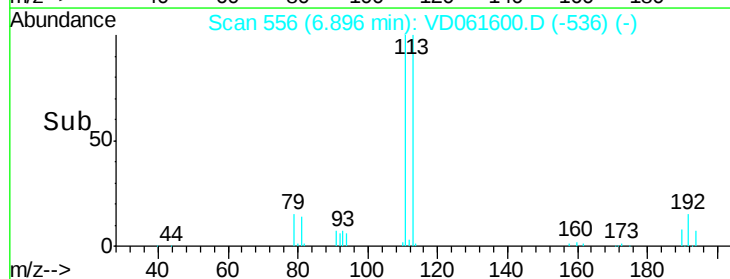
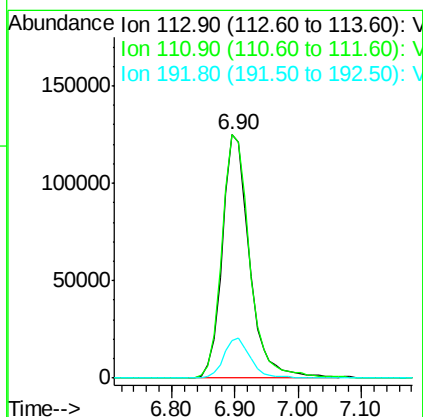
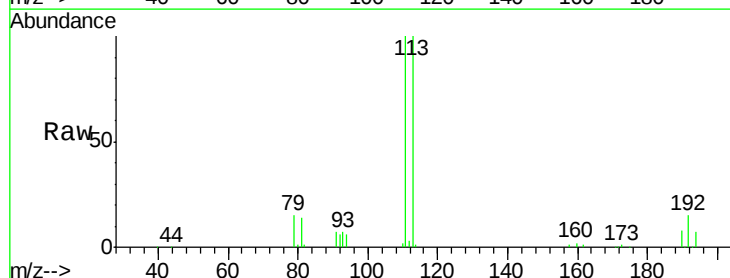
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0404SBL02

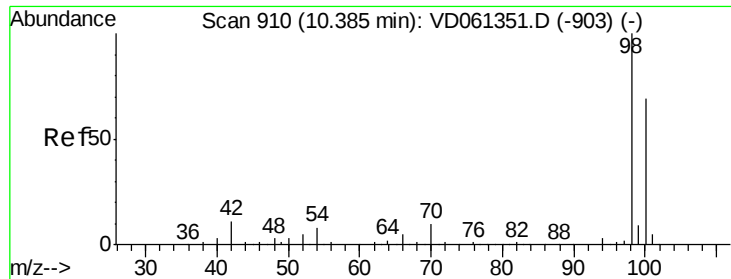
Tot Ion:114 Resp: 850169
 Ion Ratio Lower Upper
 114 100
 63 15.0 0.0 31.6
 88 15.9 0.0 33.4



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 556
 Delta R.T. -0.00 min
 Lab File: VD061600.D
 Acq: 5 Apr 2019 2:28

Tgt Ion:113 Resp: 374248
 Ion Ratio Lower Upper
 113 100
 111 99.9 81.0 121.6
 192 15.4 14.4 21.6

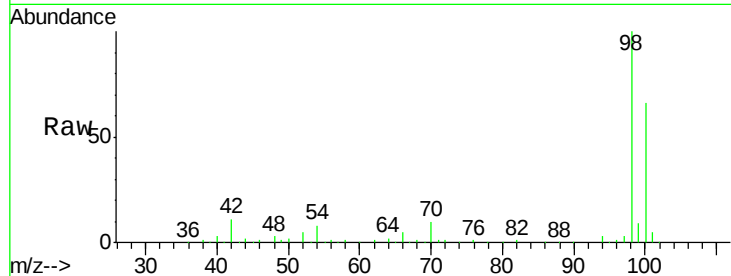




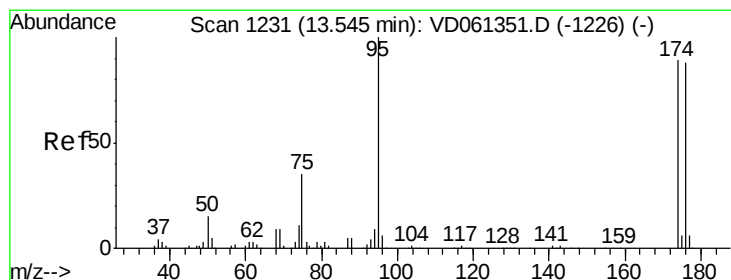
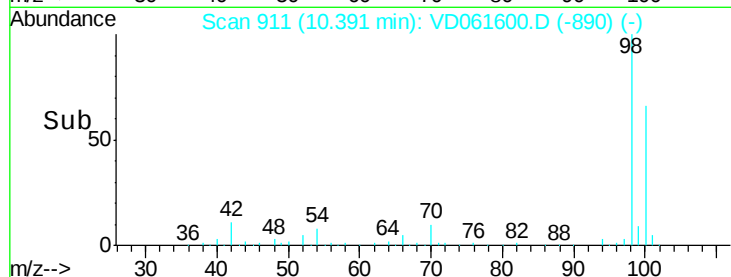
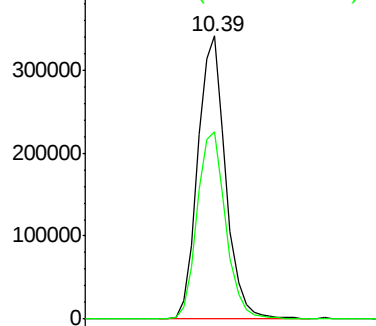
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.01 min
Lab File: VD061600.D
Acq: 5 Apr 2019 2:28

Instrument :
MSVOA_D
ClientSampleId :
VD0404SBL02

Tot Ion: 98 Resp: 833063
Ion Ratio Lower Upper
98 100
100 66.2 56.2 84.2

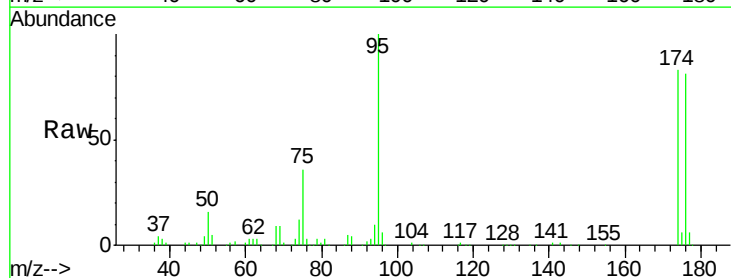


Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)
Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)

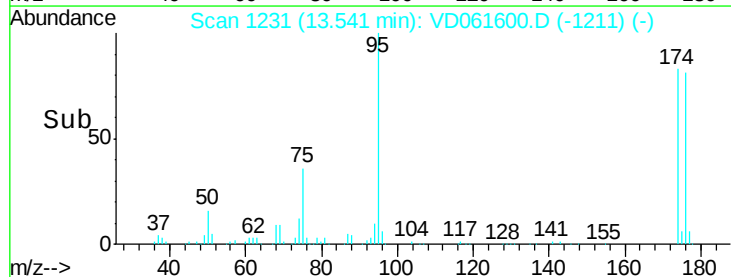
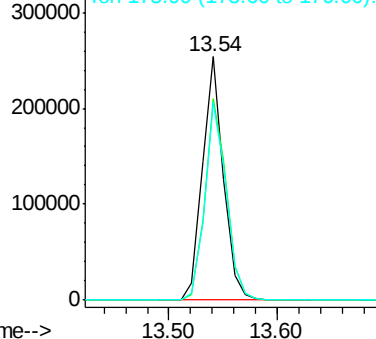


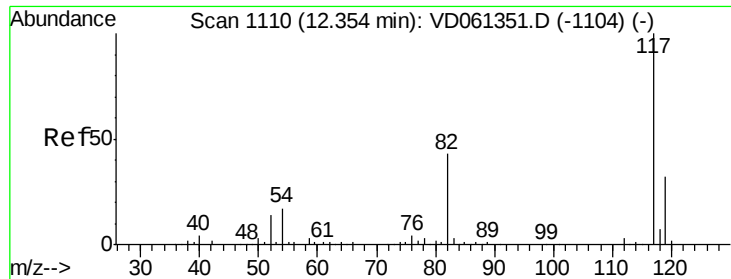
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.00 min
Lab File: VD061600.D
Acq: 5 Apr 2019 2:28

Tgt Ion: 95 Resp: 341641
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.0
176 81.4 0.0 175.0



Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)
Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)
Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

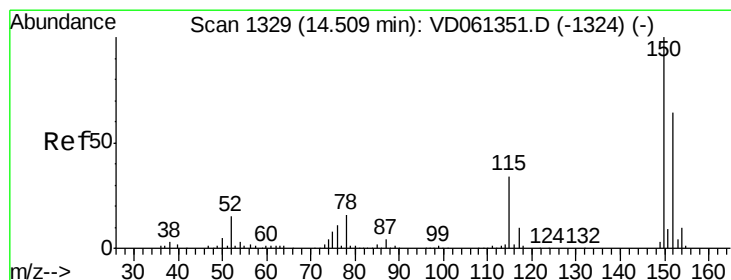
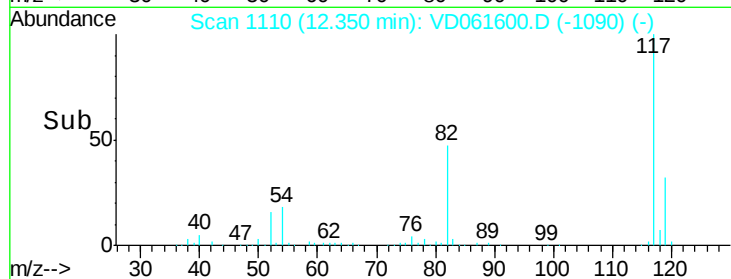
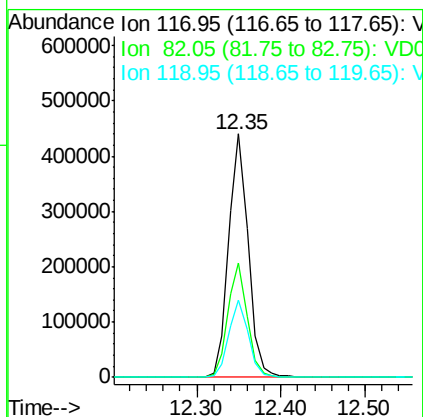
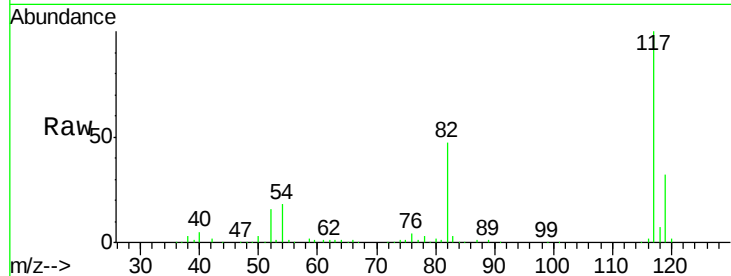




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.00 min
Lab File: VD061600.D
Acq: 5 Apr 2019 2:28

Instrument :
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VD0404SBL02

Tot Ion:117 Resp: 711176
Ion Ratio Lower Upper
117 100
82 47.1 34.4 51.6
119 31.8 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.00 min
Lab File: VD061600.D
Acq: 5 Apr 2019 2:28

Tgt Ion:152 Resp: 273416
Ion Ratio Lower Upper
152 100
115 57.1 26.9 80.6
150 157.8 0.0 318.0

