

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD031519\
 Data File : VD061090.D
 Acq On : 15 Mar 2019 16:43
 Operator : VA/AP
 Sample : K1901-08RE
 Misc : 5.11g/5ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-6(6.5-7.5)RE

Quant Time: Mar 16 05:43:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.08	168	1959	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.24	114	4700	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.38	117	3391	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	720	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	1110	68.07	ug/l	0.02
Spiked Amount 50.000			Recovery	=	136.14%	
35) Dibromofluoromethane	6.94	113	1402	40.19	ug/l	0.01
Spiked Amount 50.000			Recovery	=	80.38%	
50) Toluene-d8	10.43	98	3698	42.22	ug/l	0.03
Spiked Amount 50.000			Recovery	=	84.44%	
62) 4-Bromofluorobenzene	13.57	95	843	24.80	ug/l	0.02
Spiked Amount 50.000			Recovery	=	49.60%	

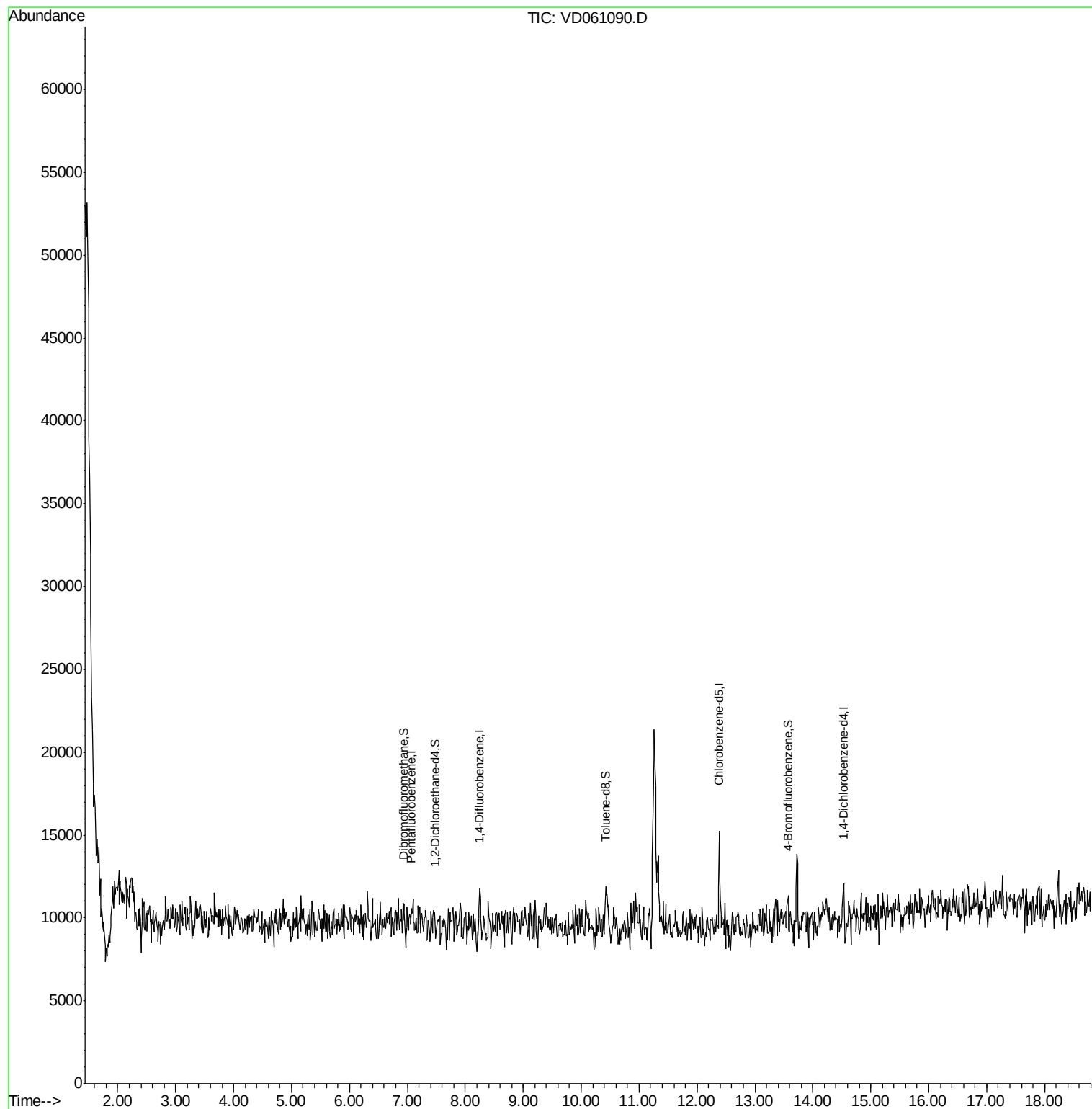
Target Compounds	Qvalue

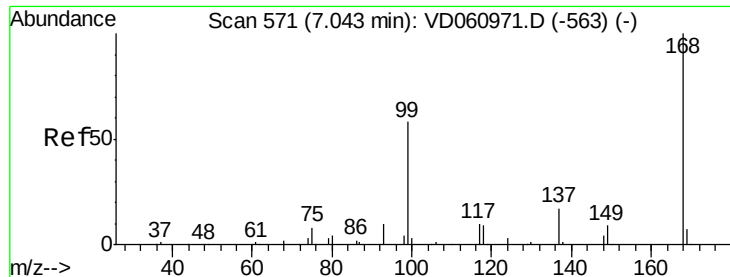
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.08 min Scan# 574

Delta R.T. 0.03 min

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MSVOA_D

ClientSampleId :

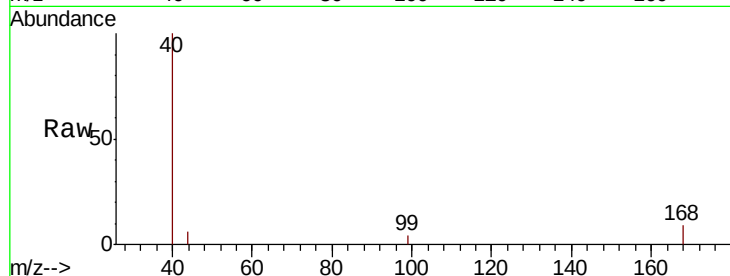
SB-6(6.5-7.5)RE

Tgt Ion:168 Resp: 1959

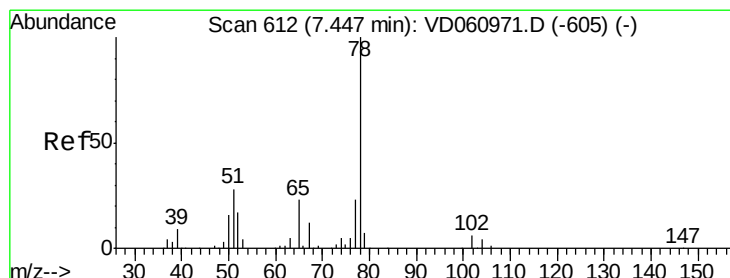
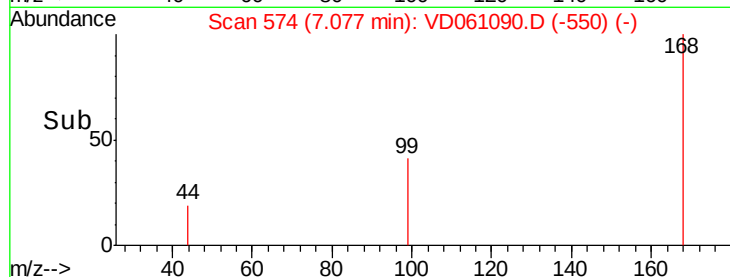
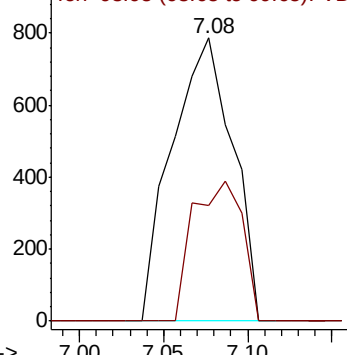
Ion Ratio Lower Upper

168 100

99 40.8 47.3 70.9#



Abundance Ion 167.90 (167.60 to 168.60): V



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.02 min

Lab File: VD061090.D

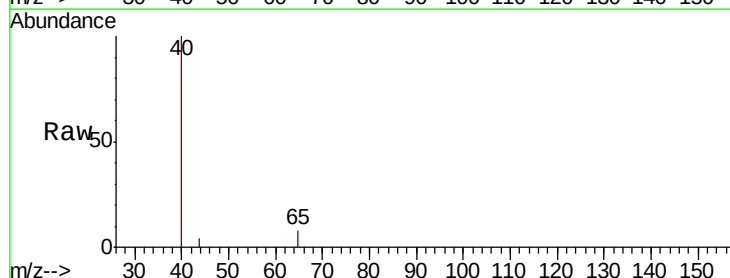
Acq: 15 Mar 2019 16:43

Tgt Ion: 65 Resp: 1110

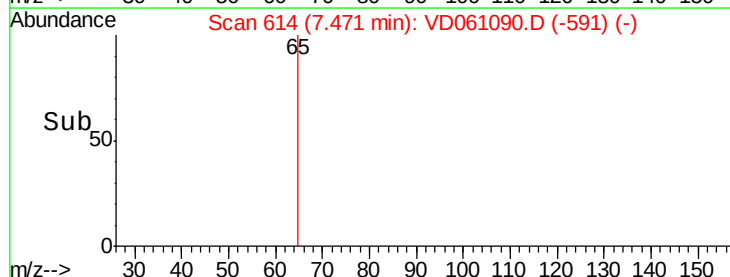
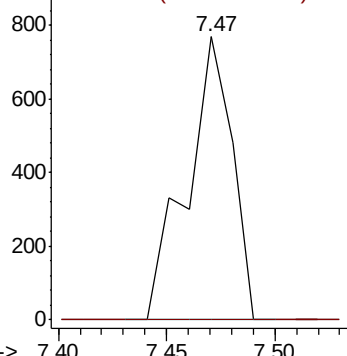
Ion Ratio Lower Upper

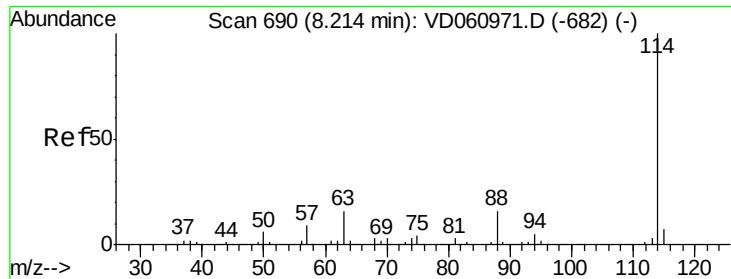
65 100

67 0.0 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.24 min Scan# 692

Delta R.T. 0.02 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

Instrument :

MSVOA_D

ClientSampleId :

SB-6(6.5-7.5)RE

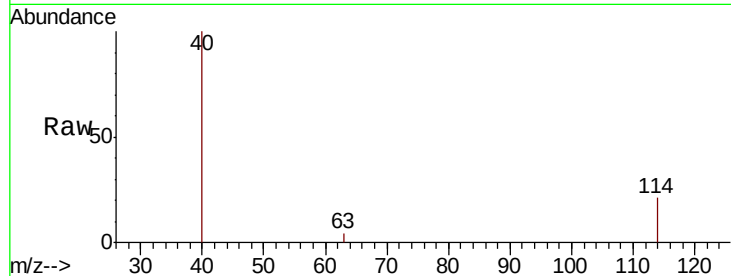
Tgt Ion:114 Resp: 4700

Ion Ratio Lower Upper

114 100

63 17.8 0.0 31.4

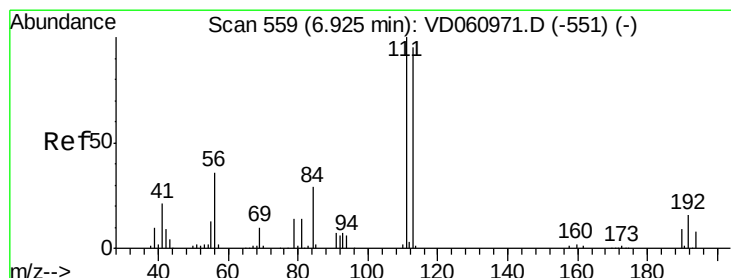
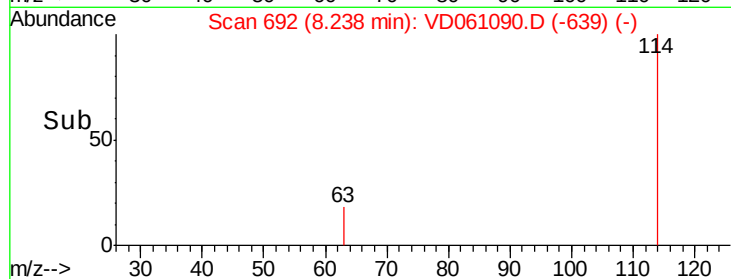
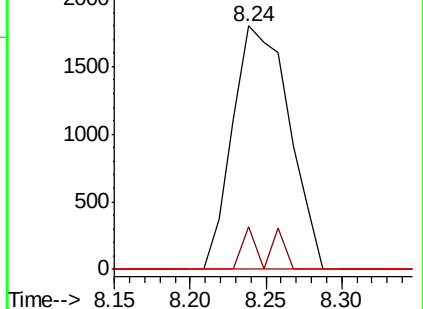
88 0.0 0.0 33.0



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: 6.94 min Scan# 560

Delta R.T. 0.01 min

Lab File: VD061090.D

Acq: 15 Mar 2019 16:43

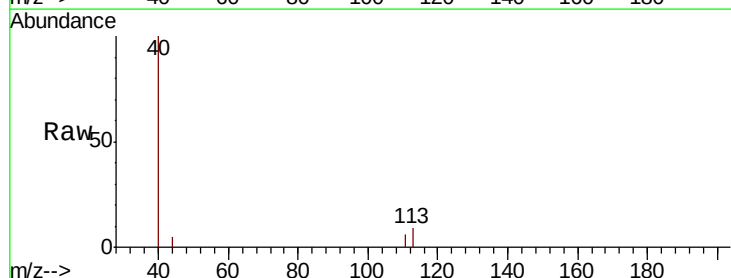
Tgt Ion:113 Resp: 1402

Ion Ratio Lower Upper

113 100

111 60.6 84.2 126.4#

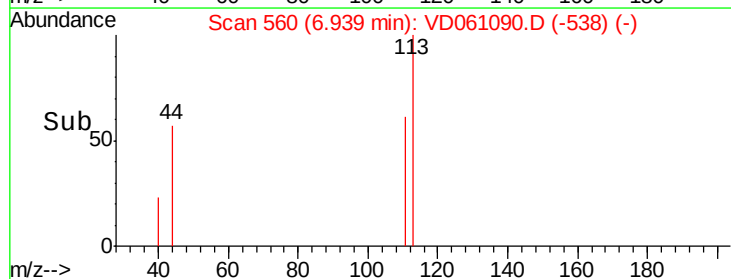
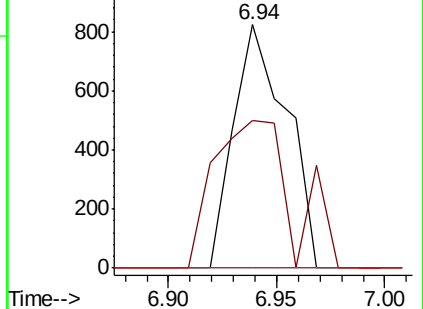
192 0.0 13.1 19.7#

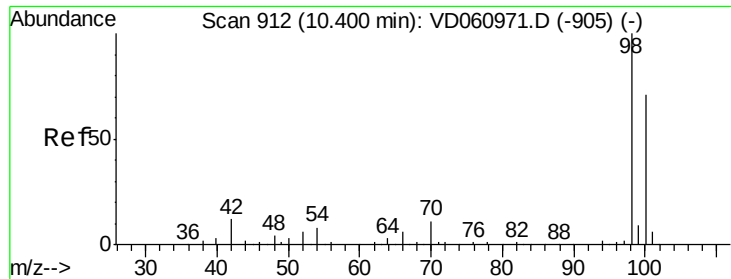


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

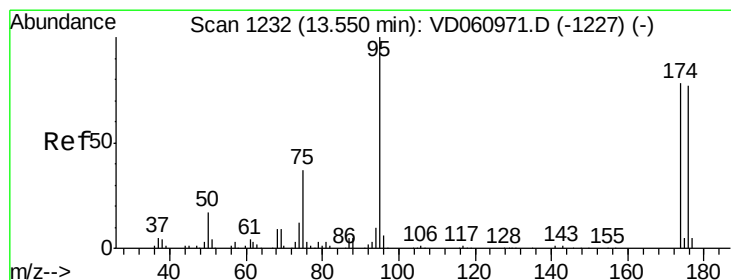
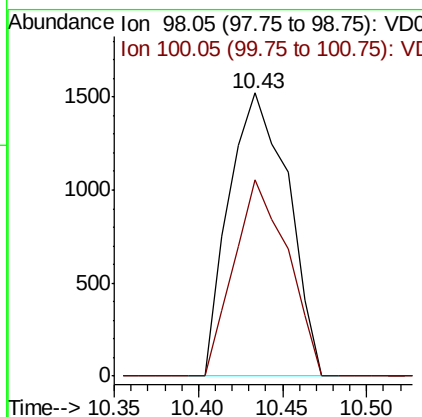
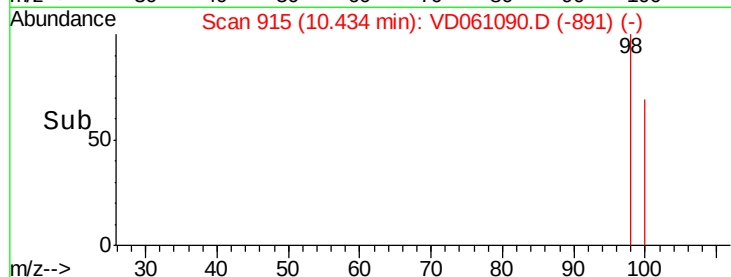
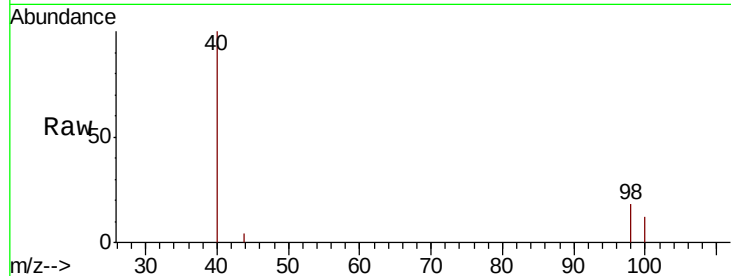




#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.43 min Scan# 915
Delta R.T. 0.03 min
Lab File: VD061090.D
Acq: 15 Mar 2019 16:43

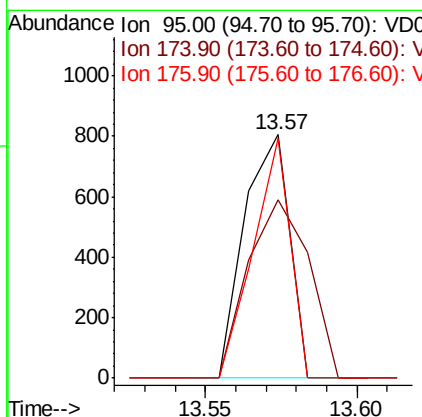
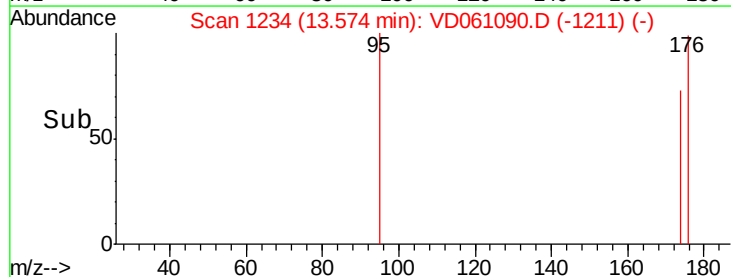
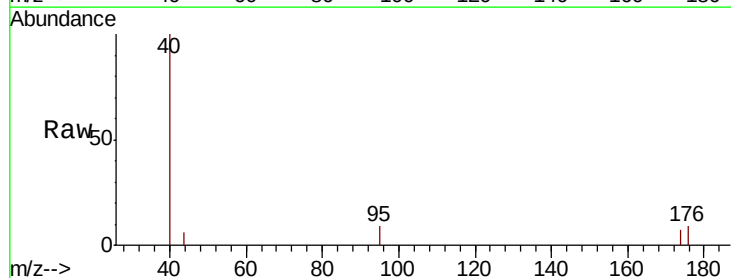
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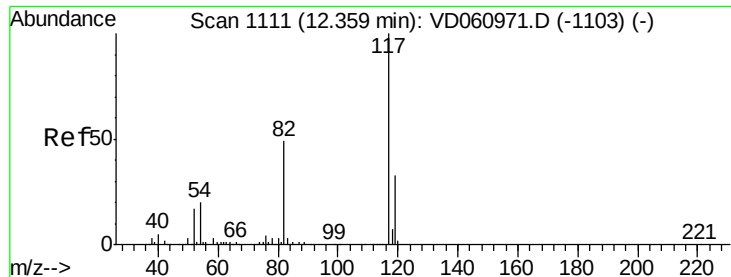
Tgt Ion: 98 Resp: 3698
Ion Ratio Lower Upper
98 100
100 69.3 57.4 86.2



#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.57 min Scan# 1234
Delta R.T. 0.02 min
Lab File: VD061090.D
Acq: 15 Mar 2019 16:43

Tgt Ion: 95 Resp: 843
Ion Ratio Lower Upper
95 100
174 73.2 0.0 155.6
176 98.5 0.0 153.8

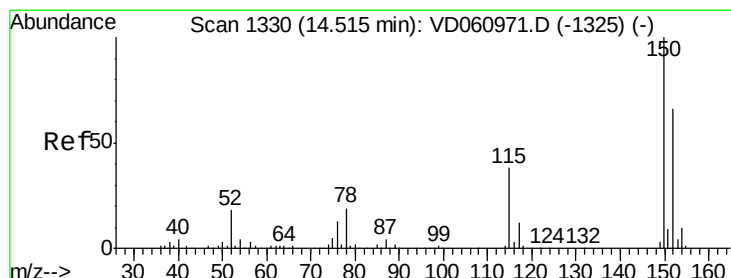
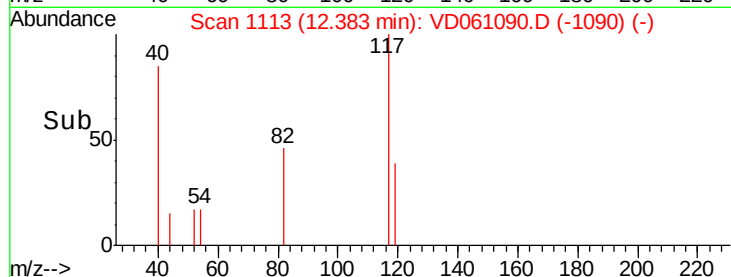
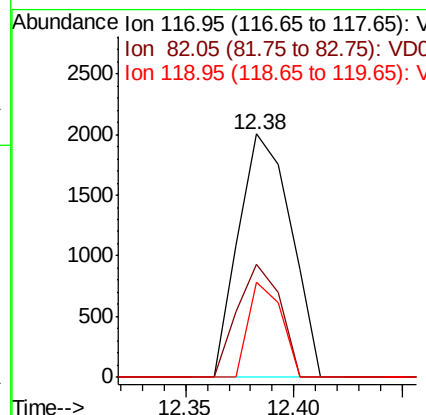
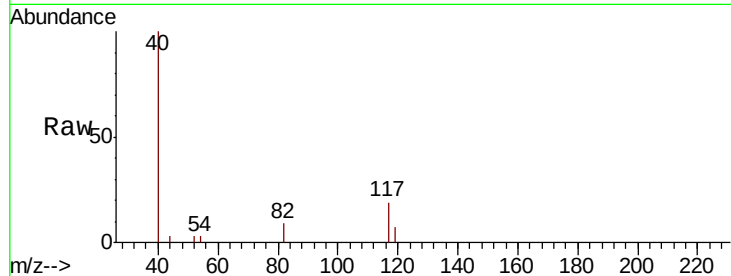




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.38 min Scan# 1113
Delta R.T. 0.02 min
Lab File: VD061090.D
Acq: 15 Mar 2019 16:43

Instrument :
MSVOA_D
ClientSampleId :
SB-6(6.5-7.5)RE

Tgt Ion:117 Resp: 3391
Ion Ratio Lower Upper
117 100
82 46.4 38.9 58.3
119 39.0 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061090.D
Acq: 15 Mar 2019 16:43

Tgt Ion:152 Resp: 720
Ion Ratio Lower Upper
152 100
115 53.8 28.6 85.9
150 112.9 0.0 310.6

