

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061805.D
 Acq On : 16 Apr 2019 12:12
 Operator : VA/AP
 Sample : VD0416SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

Quant Time: Apr 16 16:10:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 16 08:53:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	702869	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	1085289	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	863761	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	419046	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	260660	44.25	ug/l	-0.03
Spiked Amount						
			Recovery	=	88.50%	
35) Dibromofluoromethane	6.94	113	415579	50.68	ug/l	-0.04
Spiked Amount						
			Recovery	=	101.36%	
50) Toluene-d8	10.42	98	1035714	53.31	ug/l	-0.03
Spiked Amount						
			Recovery	=	106.62%	
62) 4-Bromofluorobenzene	13.56	95	371512	47.18	ug/l	-0.02
Spiked Amount						
			Recovery	=	94.36%	

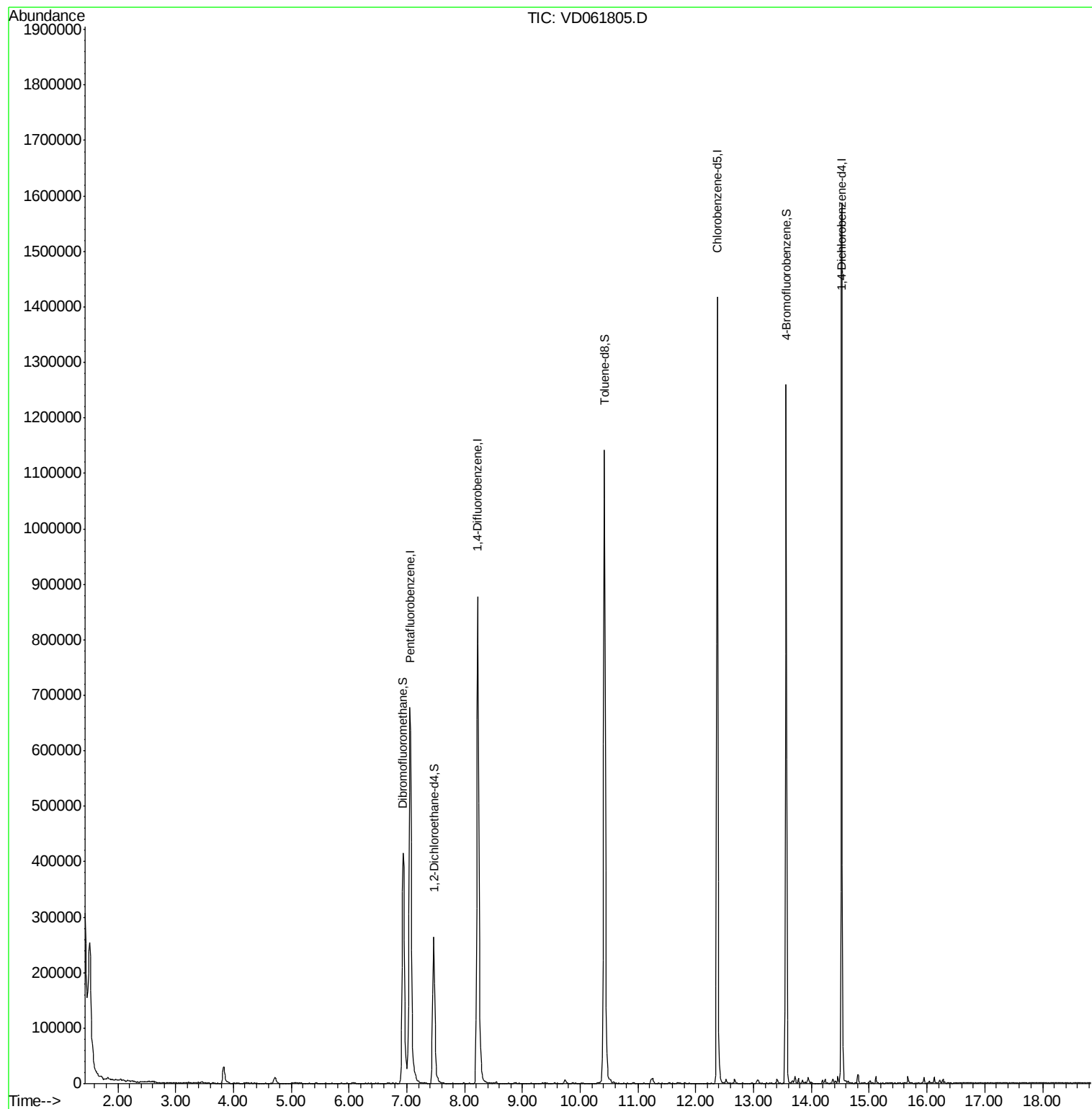
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061805.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

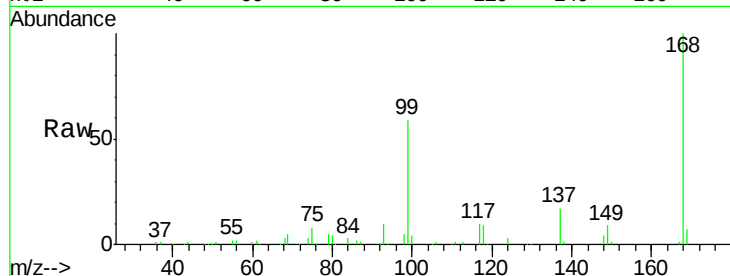
VD0416SBL01

Tot Ion:168 Resp: 702869

Ion Ratio Lower Upper

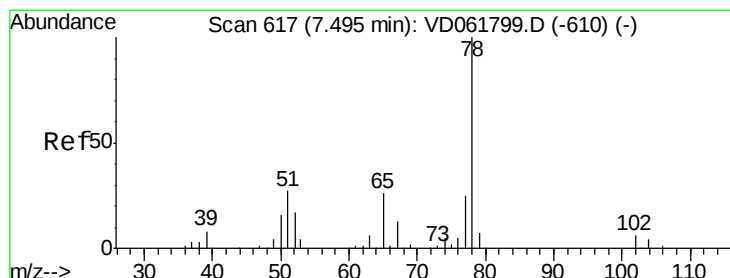
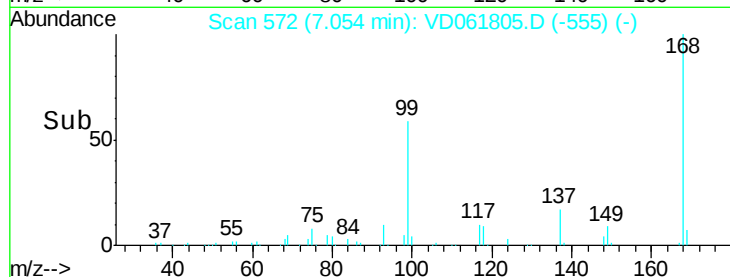
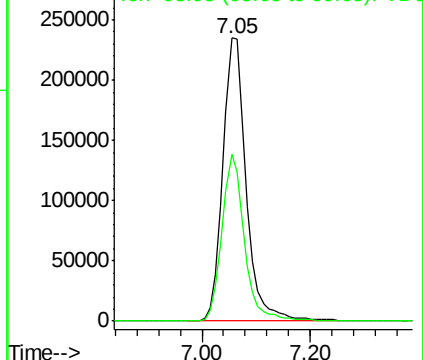
168 100

99 59.0 46.5 69.7



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: 7.47 min Scan# 614

Delta R.T. -0.03 min

Lab File: VD061805.D

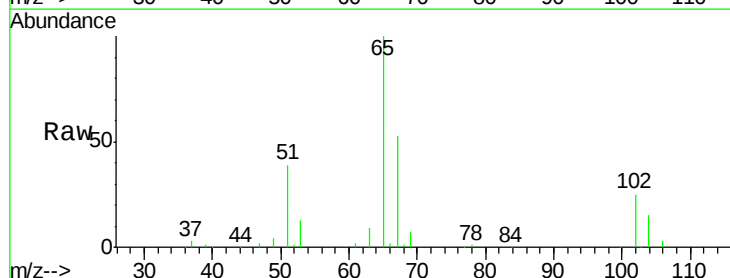
Acq: 16 Apr 2019 12:12

Tgt Ion: 65 Resp: 260660

Ion Ratio Lower Upper

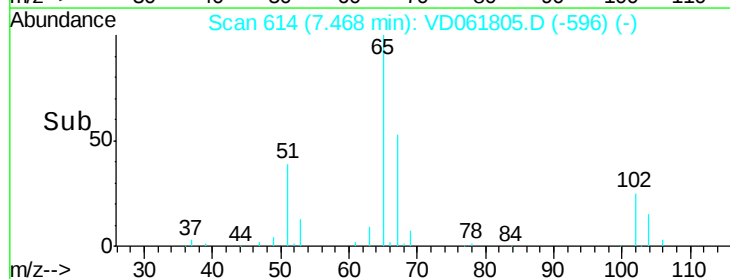
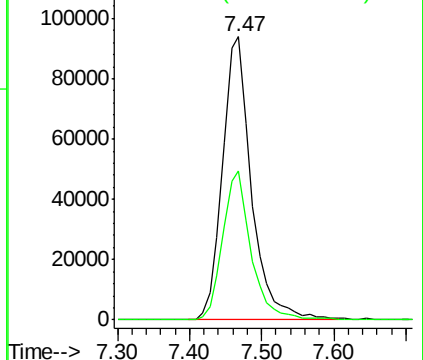
65 100

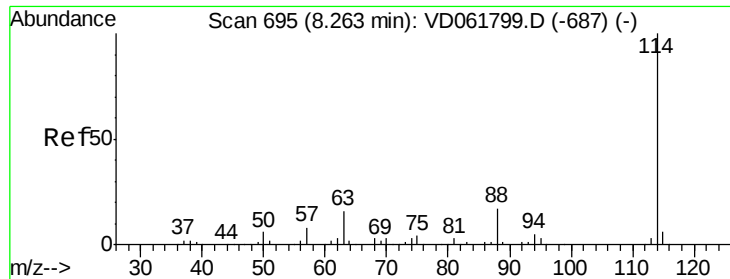
67 52.7 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

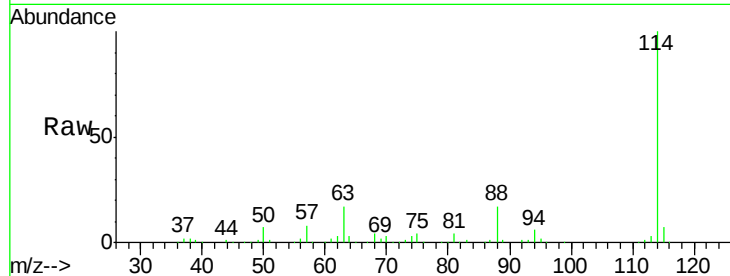




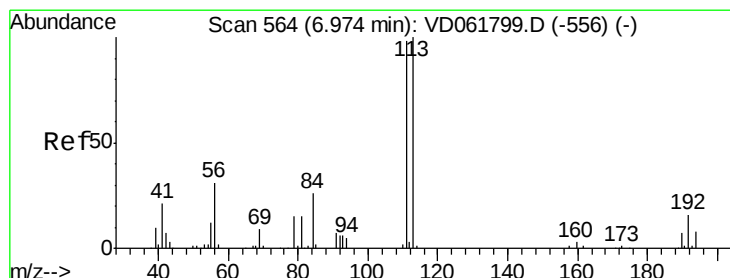
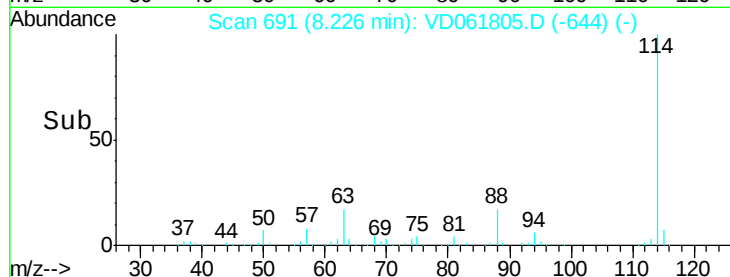
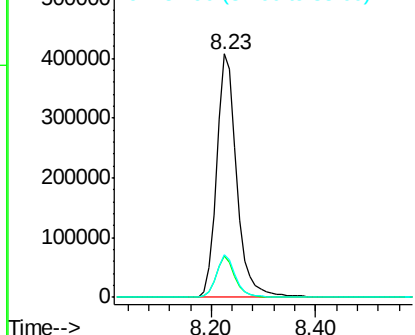
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061805.D
 Acq: 16 Apr 2019 12:12

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0416SBL01

Tot Ion:114 Resp: 1085289
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 32.4
 88 17.3 0.0 33.6

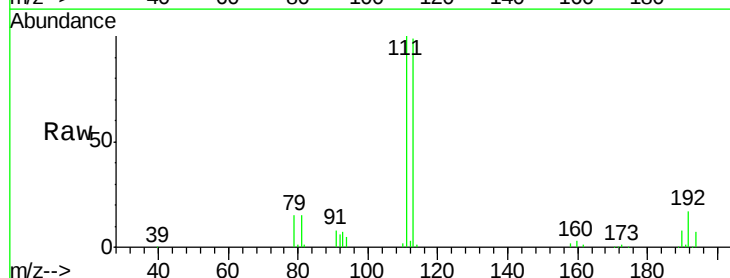


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): VDC
 Ion 87.90 (87.60 to 88.60): VDC

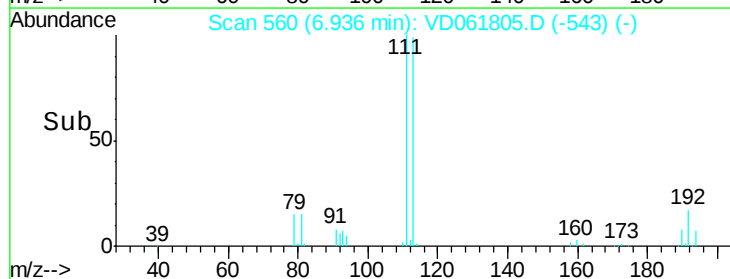
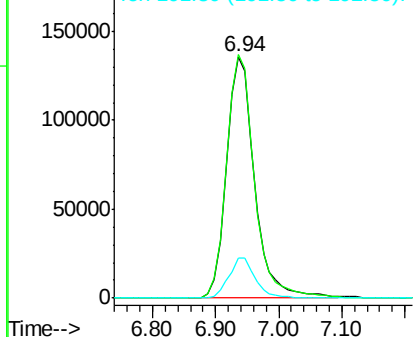


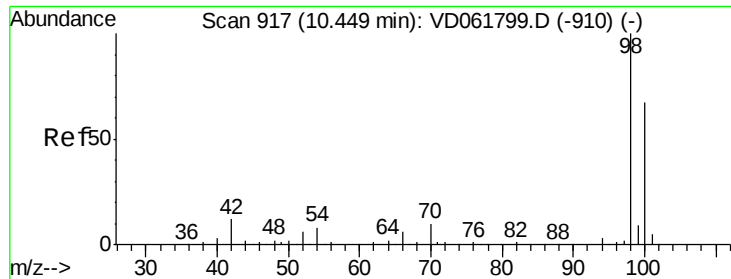
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.04 min
 Lab File: VD061805.D
 Acq: 16 Apr 2019 12:12

Tgt Ion:113 Resp: 415579
 Ion Ratio Lower Upper
 113 100
 111 100.8 78.5 117.7
 192 16.7 13.0 19.4



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: 10.42 min Scan# 914

Delta R.T. -0.03 min

Lab File: VD061805.D

Acq: 16 Apr 2019 12:12

Instrument :

MSVOA_D

ClientSampleId :

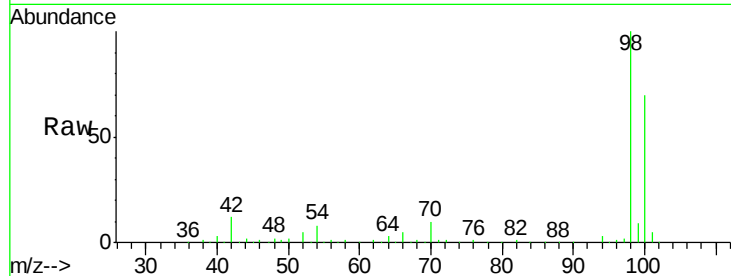
VD0416SBL01

Tot Ion: 98 Resp: 1035714

Ion Ratio Lower Upper

98 100

100 69.8 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061799.D (-910) (-)

Ion 100.05 (99.75 to 100.75): VD061799.D (-910) (-)

10.42

400000

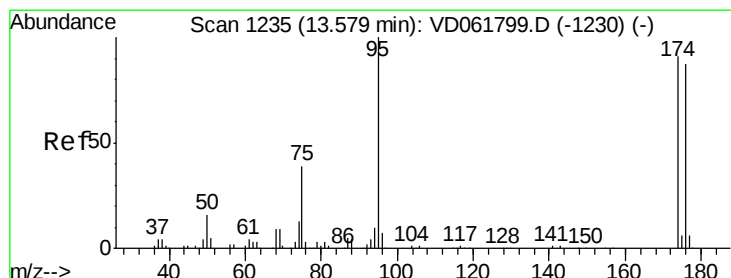
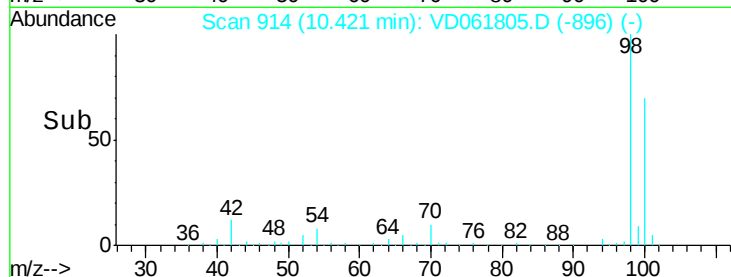
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.02 min

Lab File: VD061805.D

Acq: 16 Apr 2019 12:12

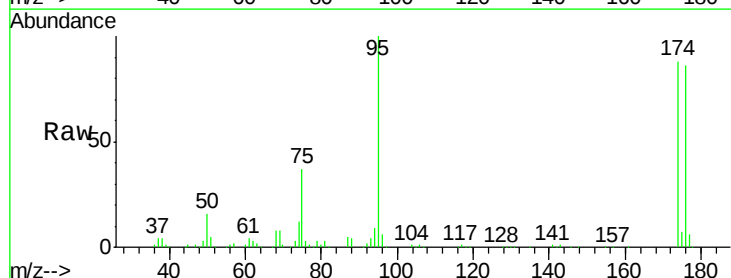
Tgt Ion: 95 Resp: 371512

Ion Ratio Lower Upper

95 100

174 88.2 0.0 181.8

176 85.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061799.D (-1230) (-)

Ion 173.90 (173.60 to 174.60): VD061799.D (-1230) (-)

Ion 175.90 (175.60 to 176.60): VD061799.D (-1230) (-)

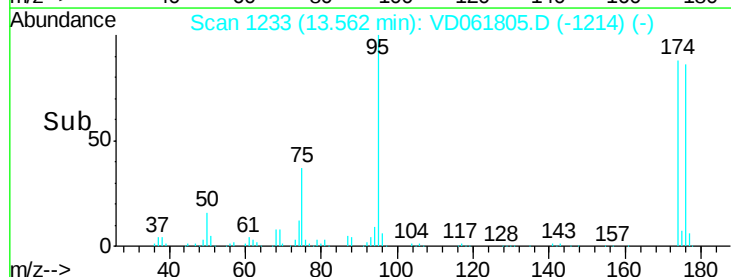
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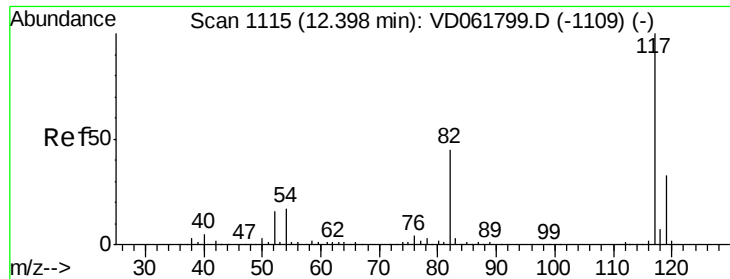
200000

100000

0

Time-->

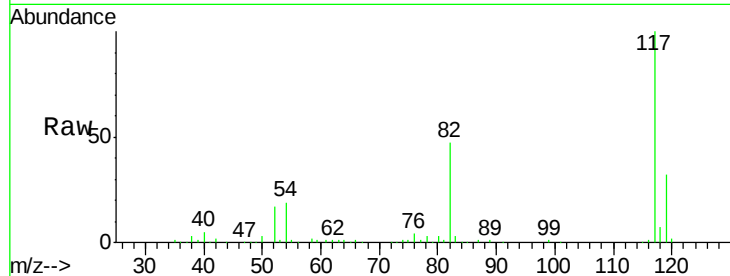




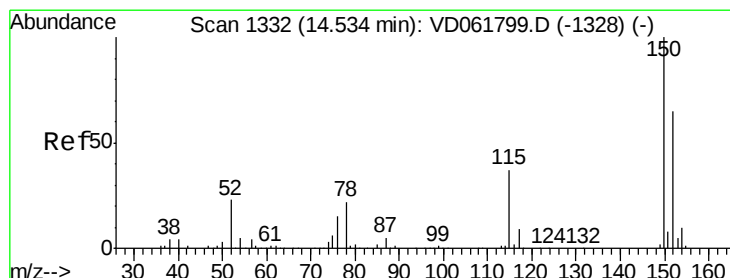
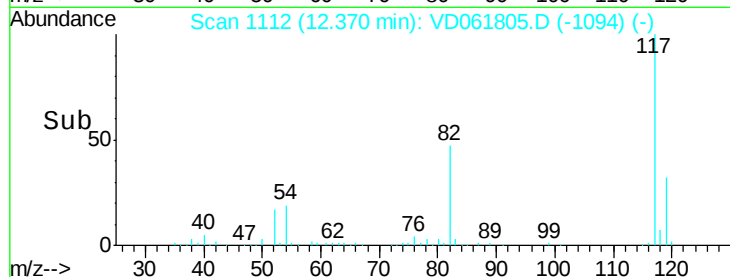
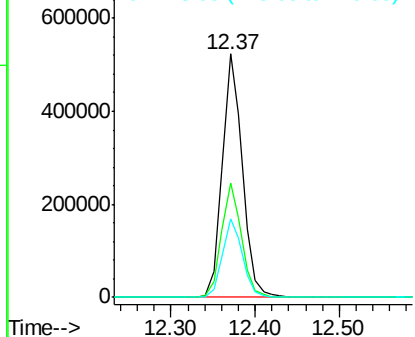
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061805.D
Acq: 16 Apr 2019 12:12

Instrument :
MSVOA_D
ClientSampleId :
VD0416SBL01

Tot Ion:117 Resp: 863761
Ion Ratio Lower Upper
117 100
82 46.9 36.2 54.2
119 32.2 26.2 39.4

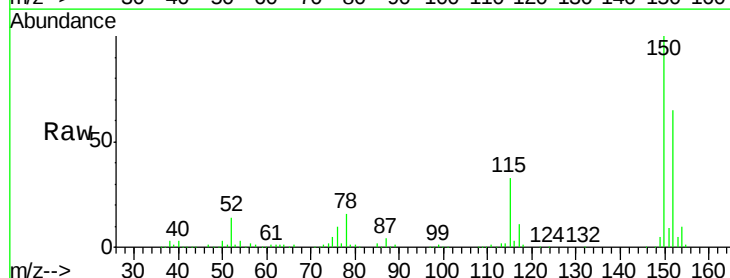


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD061805.D
Acq: 16 Apr 2019 12:12

Tgt Ion:152 Resp: 419046
Ion Ratio Lower Upper
152 100
115 51.0 30.9 92.7
150 154.4 0.0 314.8



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

