

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061869.D
 Acq On : 18 Apr 2019 12:49
 Operator : VA/AP
 Sample : K2397-02
 Misc : 2.96g/5ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Quant Time: Apr 18 13:53:37 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	7.06	168	381069	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	8.23	114	561019	50.00	ug/l	-0.04
63) Chlorobenzene-d5	12.37	117	356484	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	14.52	152	96432	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	187209	58.62	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	117.24%	
35) Dibromofluoromethane	6.93	113	285263	67.30	ug/l	-0.05
Spiked Amount				50.000		
			Recovery	=	134.60%	
50) Toluene-d8	10.41	98	517217	51.50	ug/l	-0.04
Spiked Amount				50.000		
			Recovery	=	103.00%	
62) 4-Bromofluorobenzene	13.55	95	125208	30.76	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	61.52%	

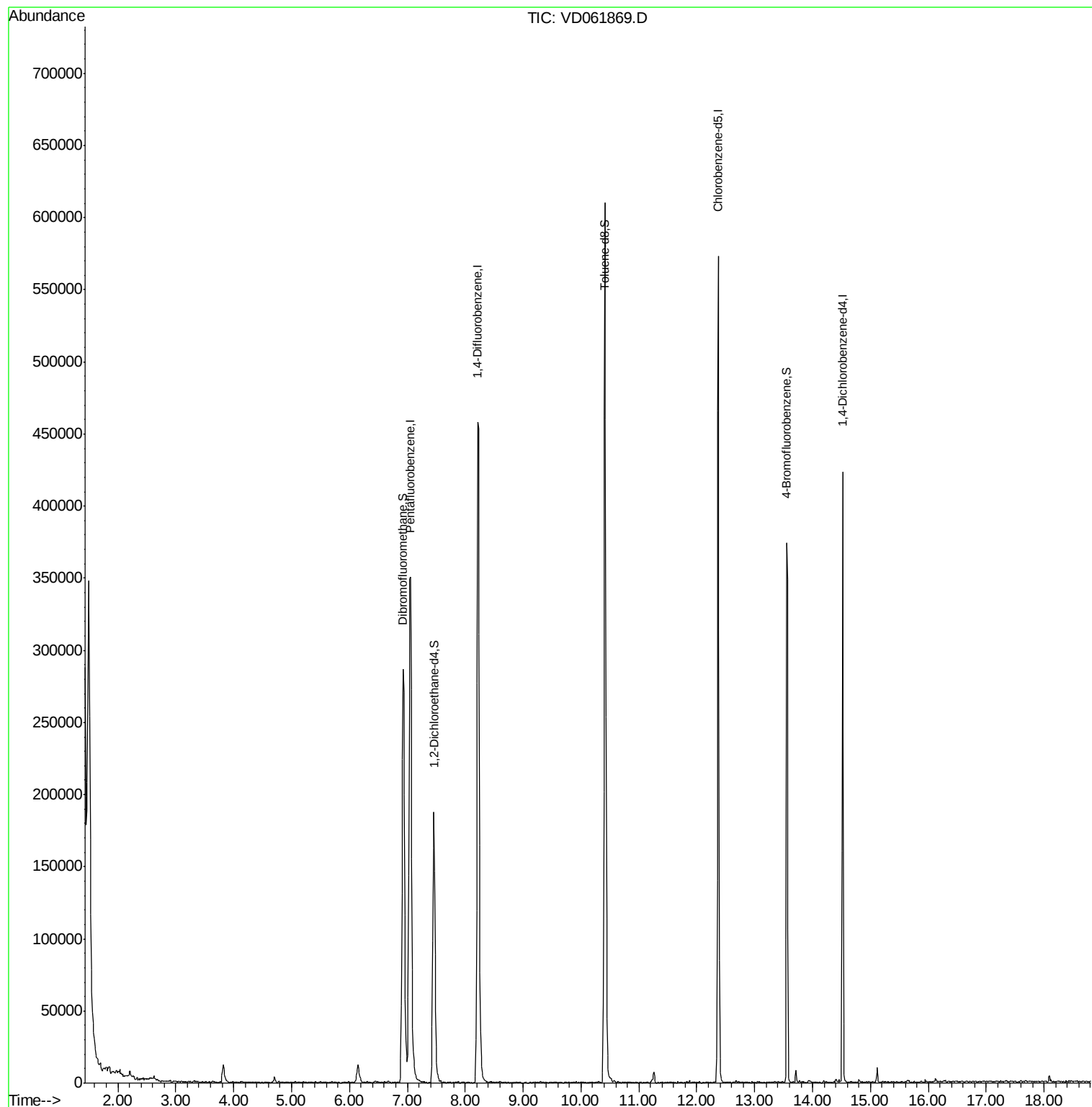
Target Compounds	Qvalue

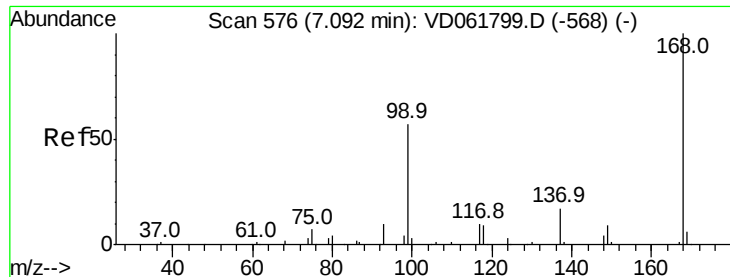
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041819\
Data File : VD061869.D
Acq On : 18 Apr 2019 12:49
Operator : VA/AP
Sample : K2397-02
Misc : 2.96g/5ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Quant Time: Apr 18 13:53:37 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 16 08:53:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.04 min

Lab File: VD061869.D

Acq: 18 Apr 2019 12:49

Instrument :

MSVOA_D

ClientSampleId :

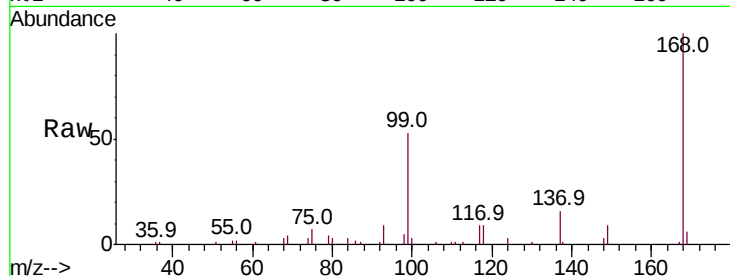
TP-1-S2

Tot Ion:168 Resp: 381069

Ion Ratio Lower Upper

168 100

99 52.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

100000

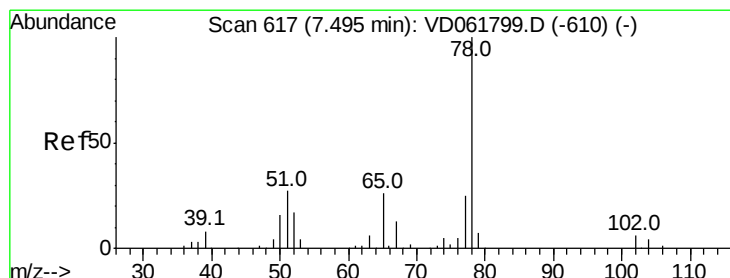
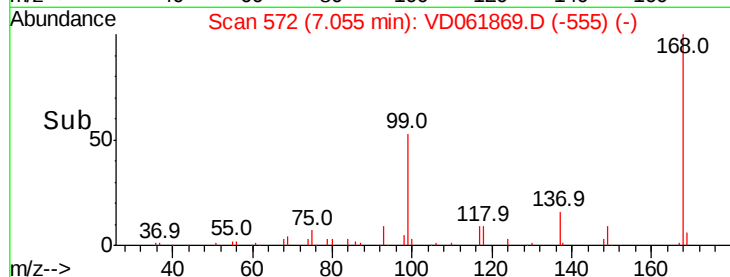
50000

0

Time-->

7.00

7.20



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.04 min

Lab File: VD061869.D

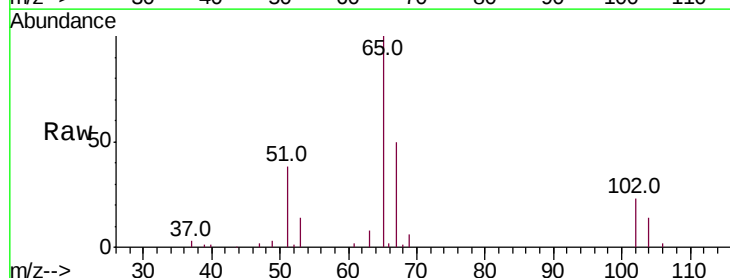
Acq: 18 Apr 2019 12:49

Tgt Ion: 65 Resp: 187209

Ion Ratio Lower Upper

65 100

67 49.8 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

80000

60000

40000

20000

0

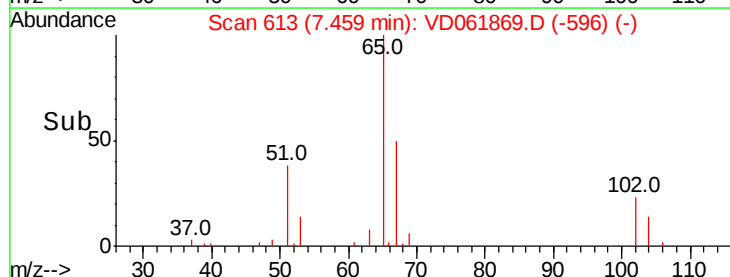
Time-->

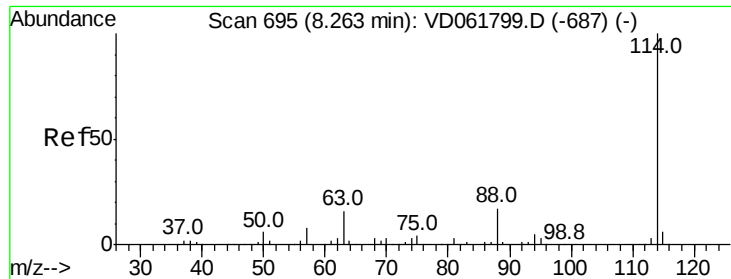
7.30

7.40

7.50

7.60

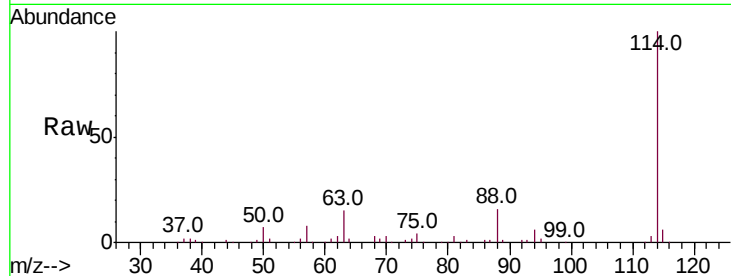




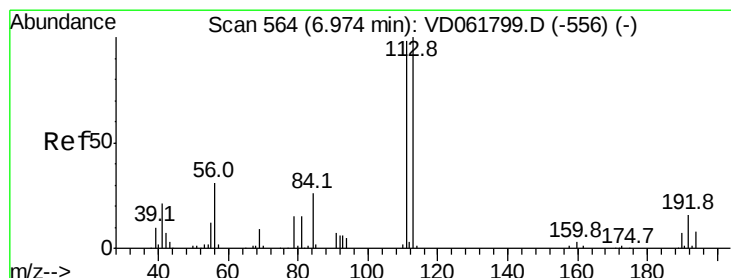
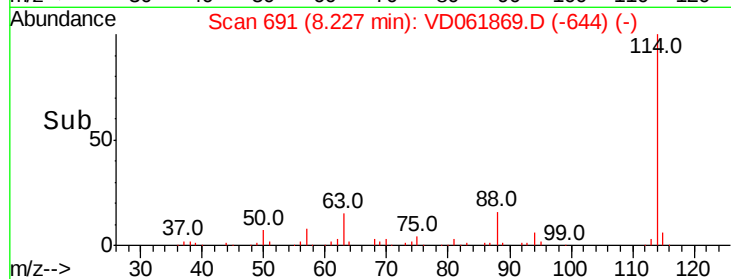
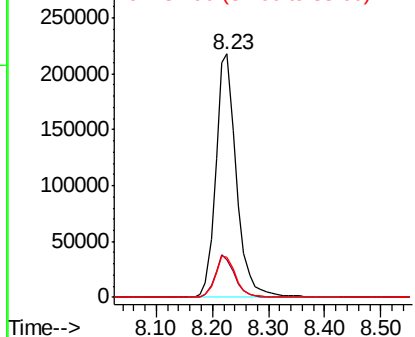
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.04 min
 Lab File: VD061869.D
 Acq: 18 Apr 2019 12:49

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1-S2

Tot Ion:114 Resp: 561019
 Ion Ratio Lower Upper
 114 100
 63 15.2 0.0 32.4
 88 16.4 0.0 33.6

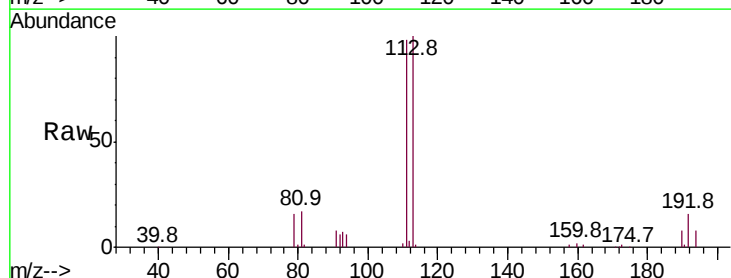


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

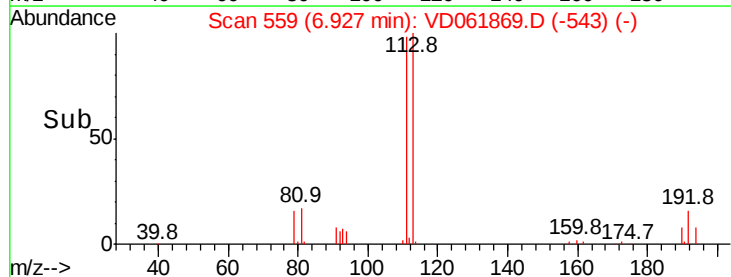
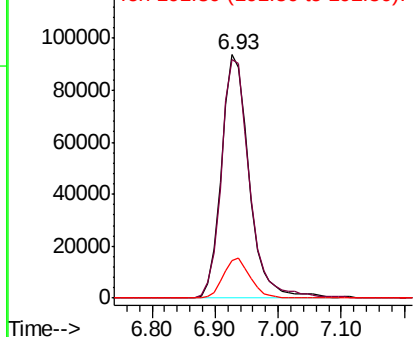


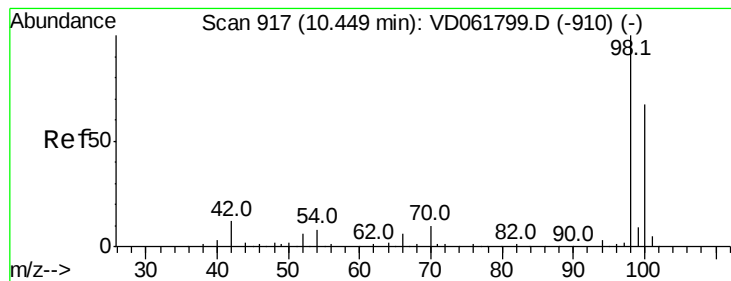
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.05 min
 Lab File: VD061869.D
 Acq: 18 Apr 2019 12:49

Tgt Ion:113 Resp: 285263
 Ion Ratio Lower Upper
 113 100
 111 98.1 78.5 117.7
 192 15.6 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: 10.41 min Scan# 913

Delta R.T. -0.04 min

Lab File: VD061869.D

Acq: 18 Apr 2019 12:49

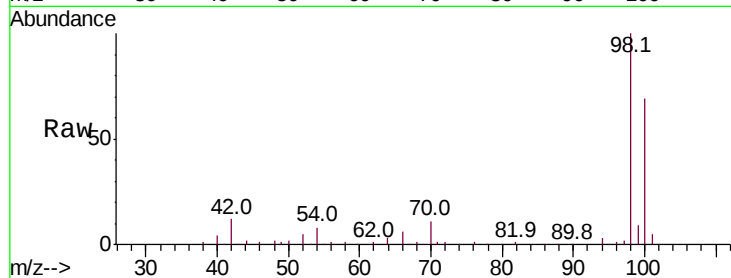
Instrument :
MSVOA_D
ClientSampleId :
TP-1-S2

Tot Ion: 98 Resp: 517217

Ion Ratio Lower Upper

98 100

100 69.0 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) (-)

10.41

250000

200000

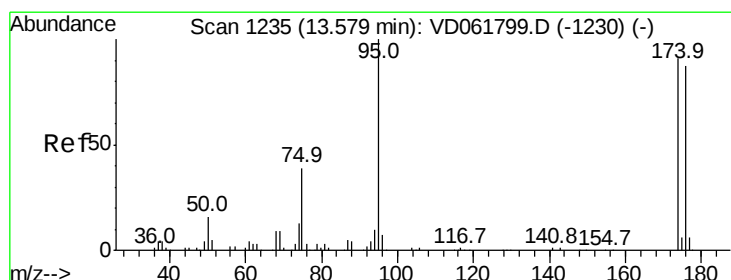
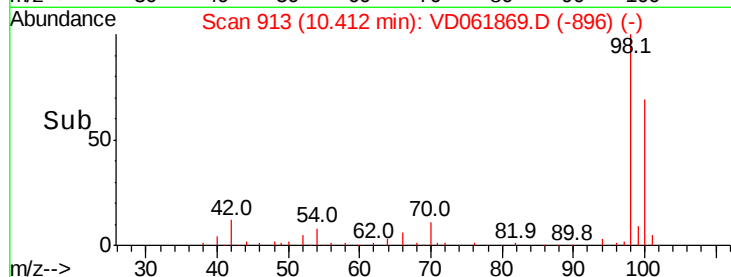
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.03 min

Lab File: VD061869.D

Acq: 18 Apr 2019 12:49

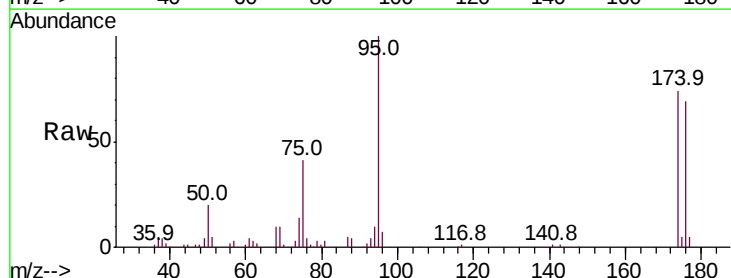
Tgt Ion: 95 Resp: 125208

Ion Ratio Lower Upper

95 100

174 73.8 0.0 181.8

176 69.5 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) (-)

13.55

100000

80000

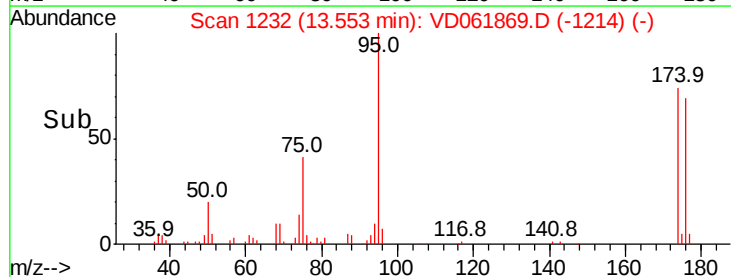
60000

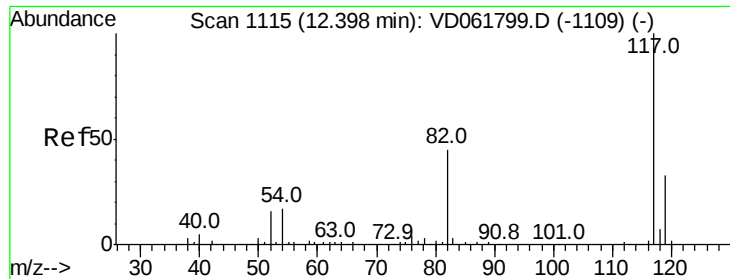
40000

20000

0

Time-->

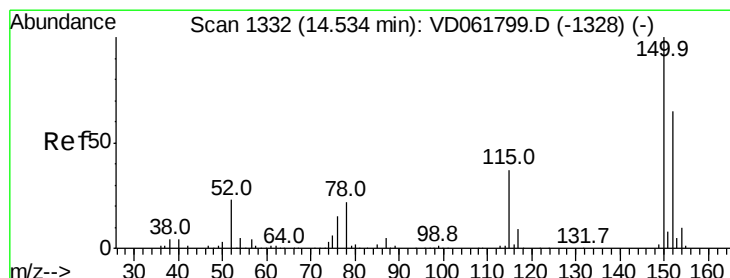
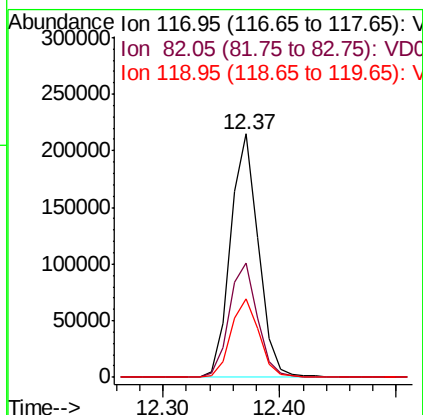
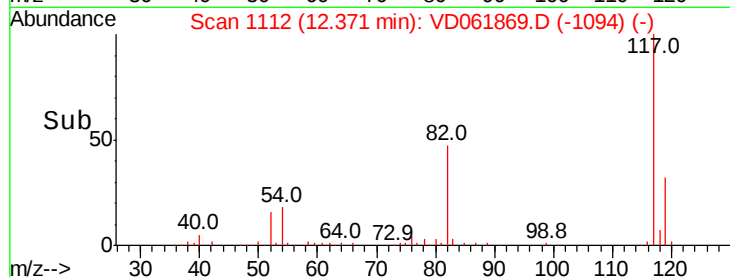
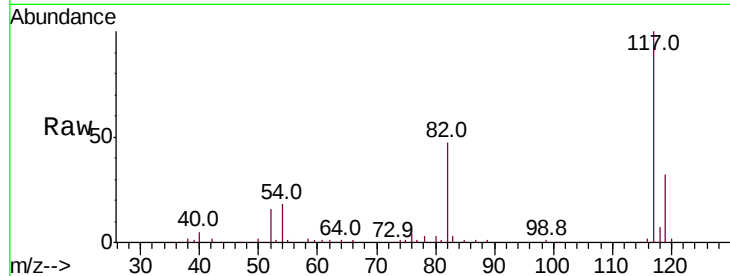




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.03 min
Lab File: VD061869.D
Acq: 18 Apr 2019 12:49

Instrument :
MSVOA_D
ClientSampled :
TP-1-S2

Tot Ion:117 Resp: 356484
Ion Ratio Lower Upper
117 100
82 46.9 36.2 54.2
119 32.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.02 min
Lab File: VD061869.D
Acq: 18 Apr 2019 12:49

Tgt Ion:152 Resp: 96432
Ion Ratio Lower Upper
152 100
115 56.2 30.9 92.7
150 153.9 0.0 314.8

