

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061868.D
 Acq On : 18 Apr 2019 12:10
 Operator : VA/AP
 Sample : VD0418SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBL01

Quant Time: Apr 18 13:52:50 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D041519S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 13:49:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	606948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	962946	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	831945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	365630	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	287084	56.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.88%	
35) Dibromofluoromethane	6.92	113	423357	58.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	116.38%	
50) Toluene-d8	10.40	98	932220	54.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.16%	
62) 4-Bromofluorobenzene	13.55	95	361458	51.73	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.46%	

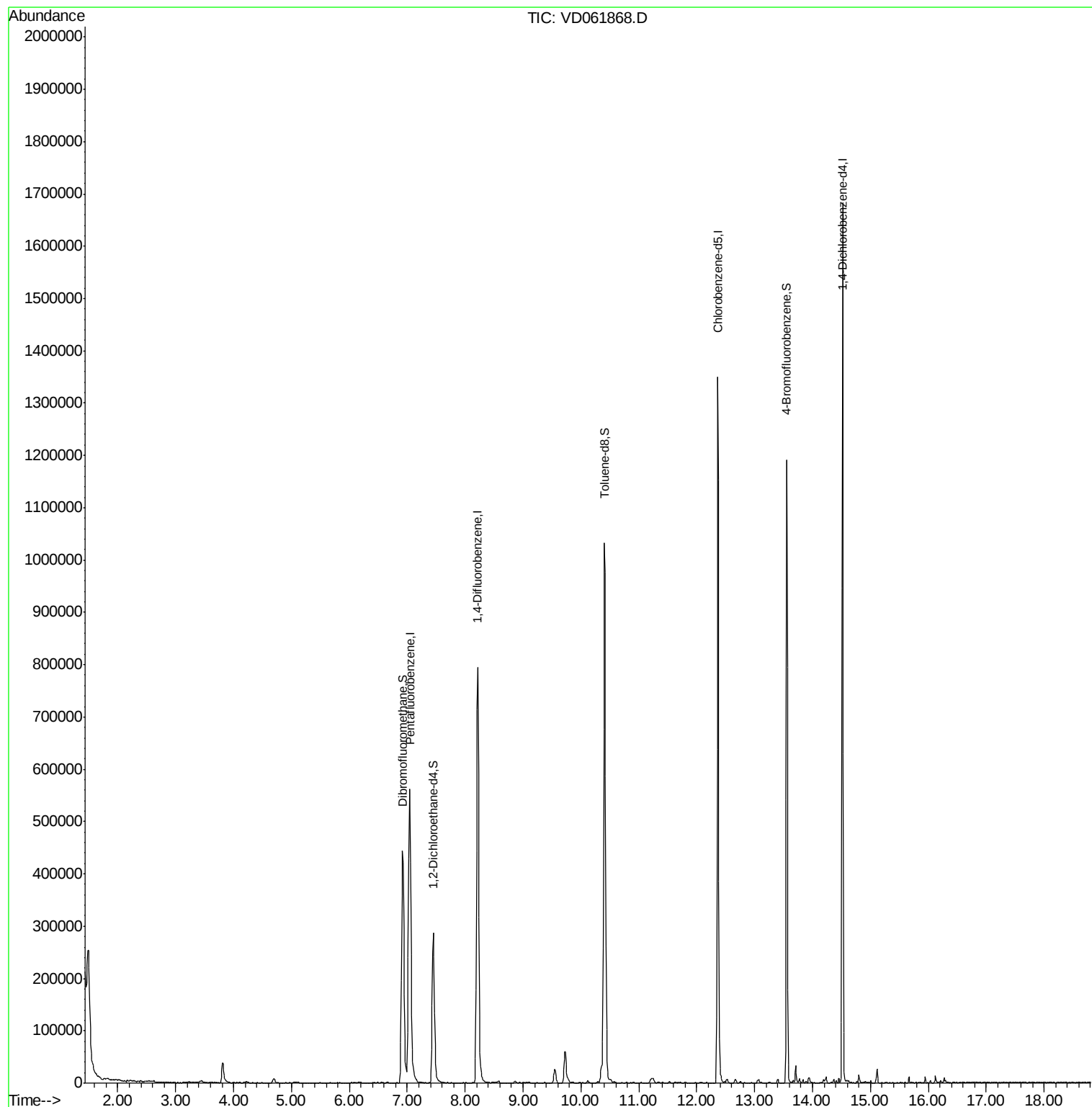
Target Compounds	Qvalue
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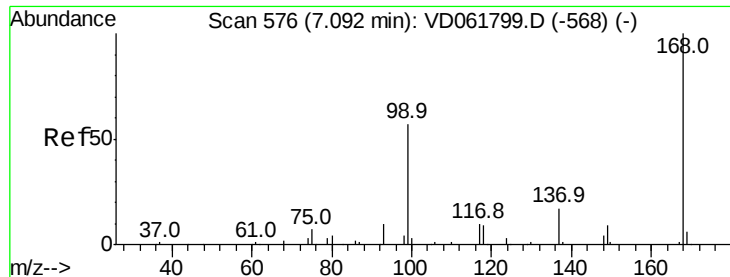
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 18 13:49:04 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD061868.D

Acq: 18 Apr 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

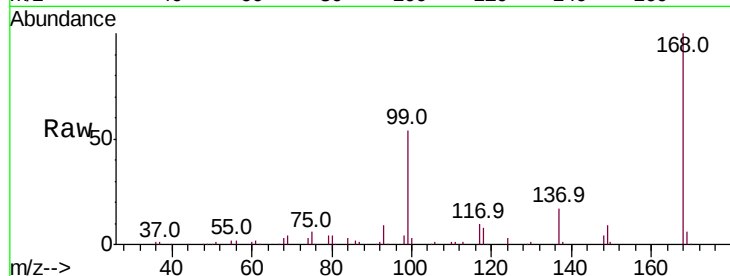
VD0418SBL01

Tot Ion:168 Resp: 606948

Ion Ratio Lower Upper

168 100

99 54.1 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

200000

150000

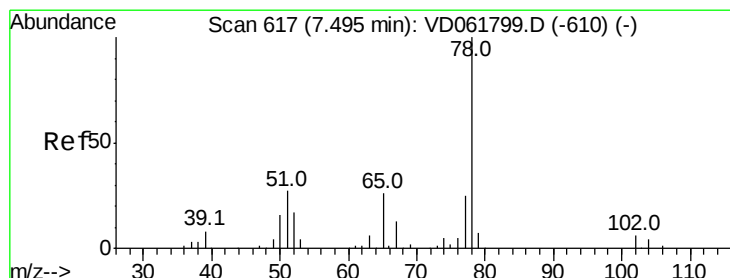
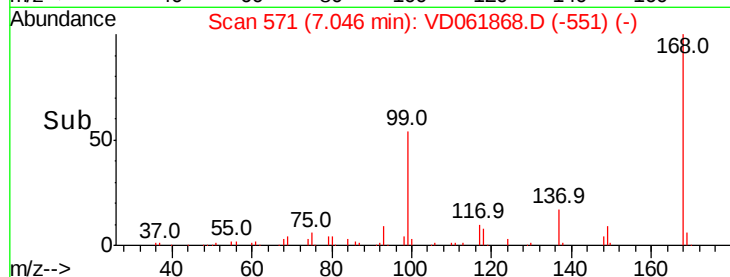
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD061868.D

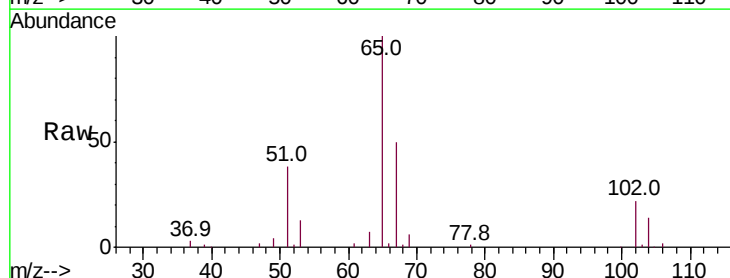
Acq: 18 Apr 2019 12:10

Tgt Ion: 65 Resp: 287084

Ion Ratio Lower Upper

65 100

67 49.6 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

120000

100000

80000

60000

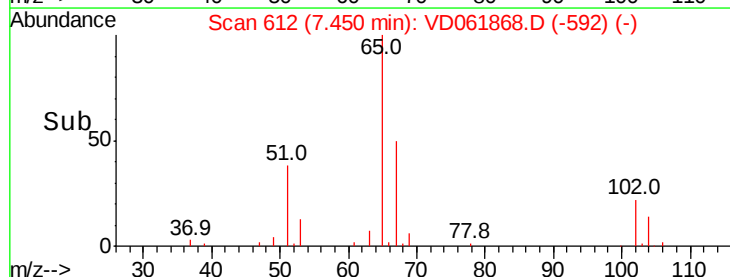
40000

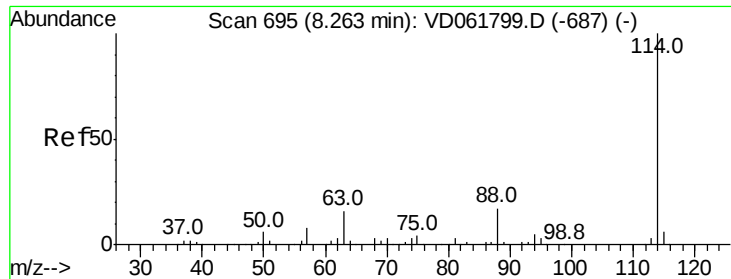
20000

0

7.30 7.40 7.50 7.60

Time-->

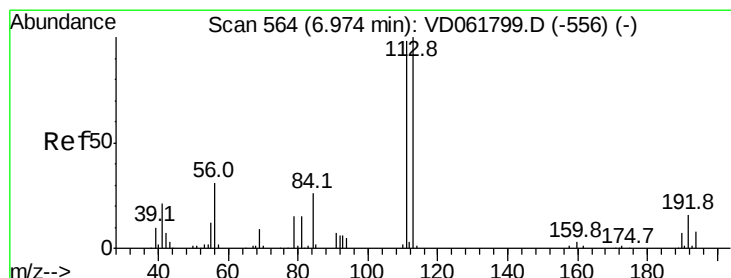
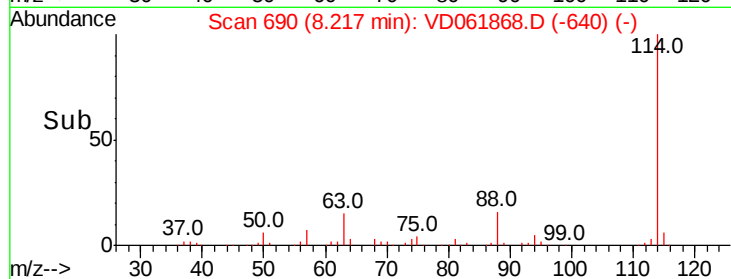
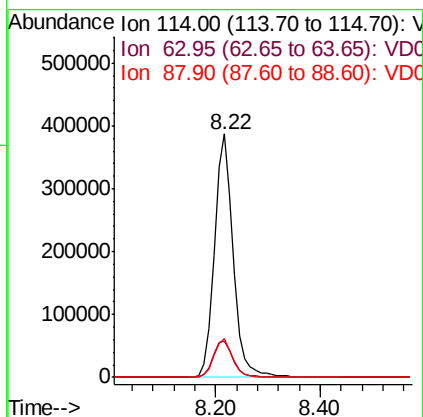
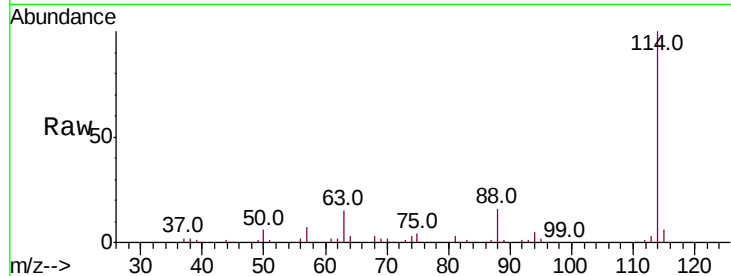




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061868.D
 Acq: 18 Apr 2019 12:10

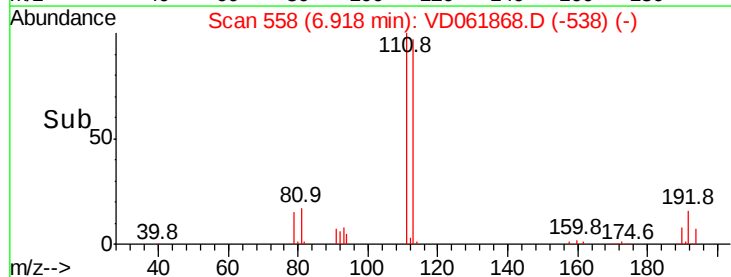
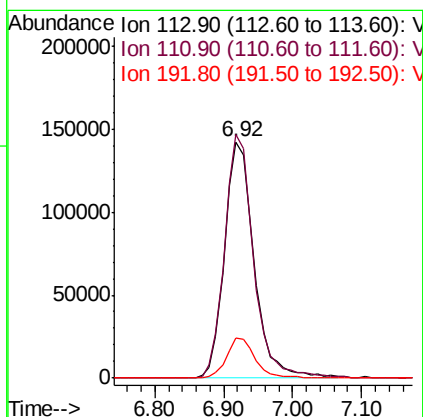
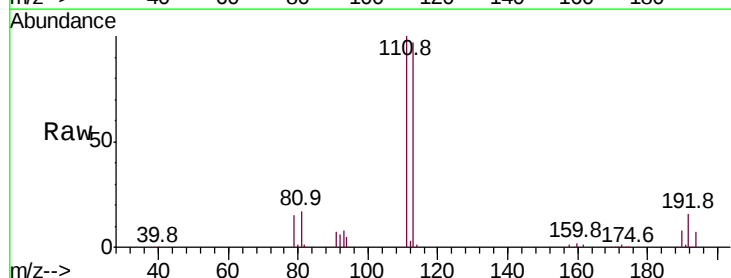
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0418SBL01

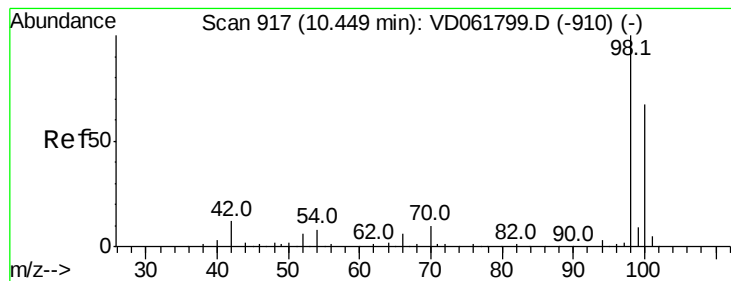
Tot Ion:114 Resp: 962946
 Ion Ratio Lower Upper
 114 100
 63 15.1 0.0 32.4
 88 16.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. -0.01 min
 Lab File: VD061868.D
 Acq: 18 Apr 2019 12:10

Tgt Ion:113 Resp: 423357
 Ion Ratio Lower Upper
 113 100
 111 103.2 78.5 117.7
 192 16.8 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.40 min Scan# 912

Delta R.T. -0.01 min

Lab File: VD061868.D

Acq: 18 Apr 2019 12:10

Instrument :

MSVOA_D

ClientSampleId :

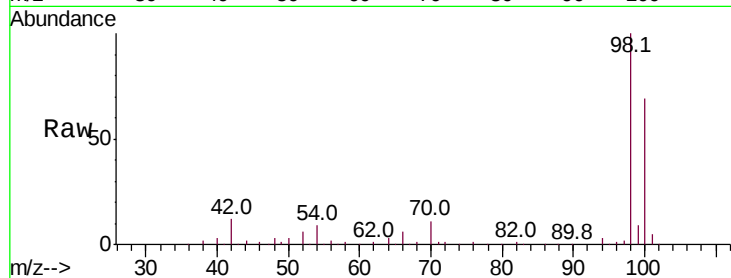
VD0418SBL01

Tot Ion: 98 Resp: 932220

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) (-)

10.40

400000

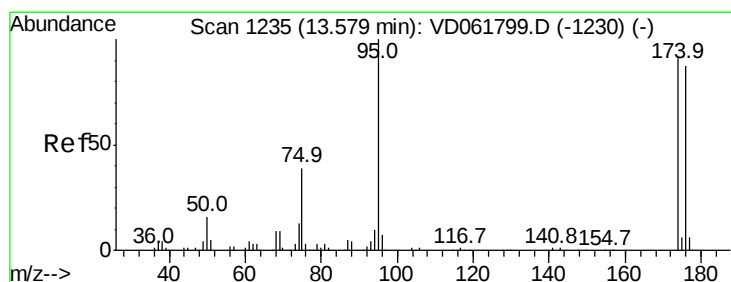
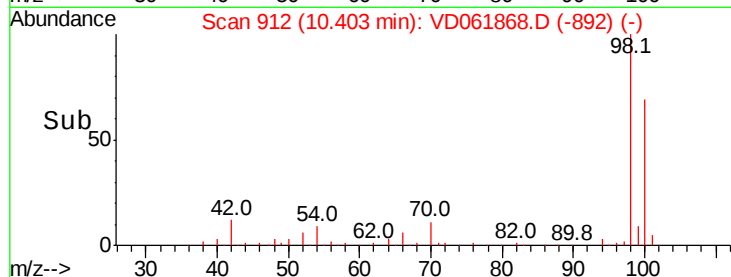
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: Below ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061868.D

Acq: 18 Apr 2019 12:10

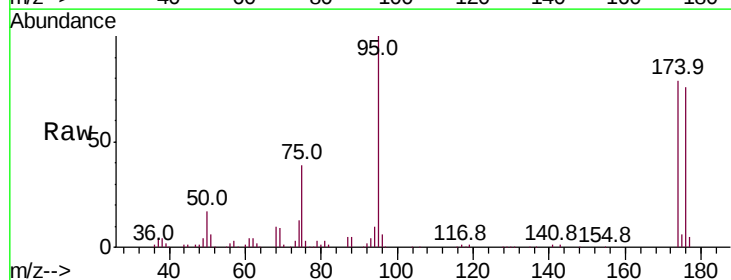
Tgt Ion: 95 Resp: 361458

Ion Ratio Lower Upper

95 100

174 78.8 0.0 181.8

176 76.3 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

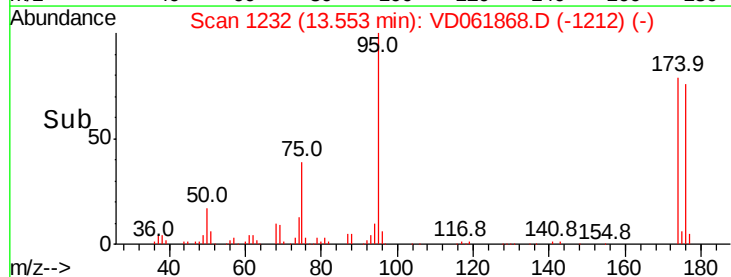
300000

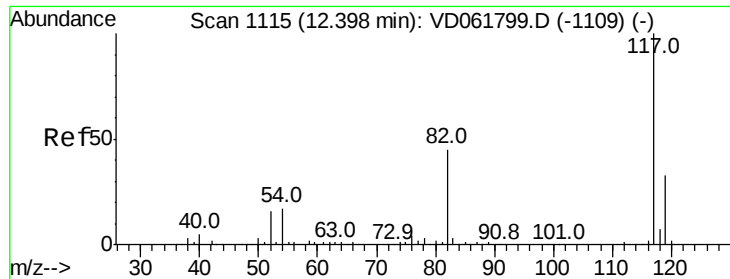
200000

100000

0

Time-->

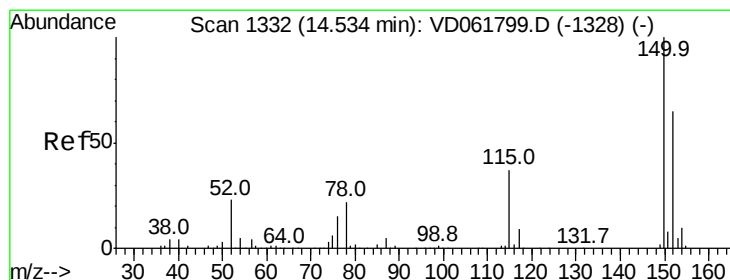
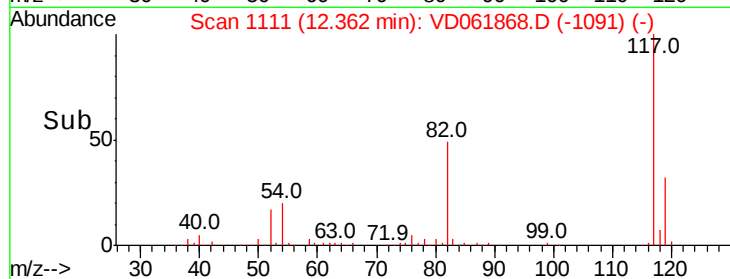
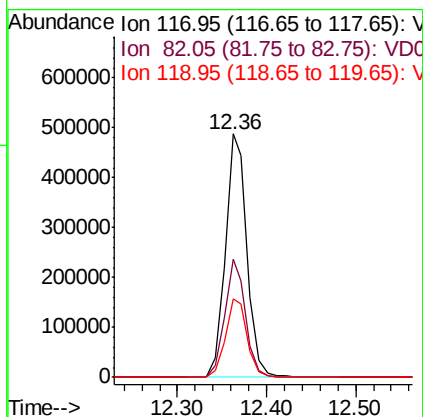
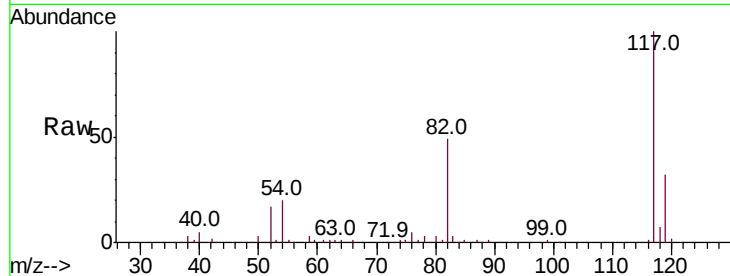




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Instrument :
MSVOA_D
ClientSampleId :
VD0418SBL01

Tot Ion:117 Resp: 831945
Ion Ratio Lower Upper
117 100
82 48.7 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. -0.01 min
Lab File: VD061868.D
Acq: 18 Apr 2019 12:10

Tgt Ion:152 Resp: 365630
Ion Ratio Lower Upper
152 100
115 56.3 30.9 92.7
150 158.8 0.0 314.8

