

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041819\
 Data File : VD061898.D
 Acq On : 19 Apr 2019 5:58
 Operator : VA/AP
 Sample : K2197-09
 Misc : 7.20g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-041619-C

Quant Time: Apr 19 07:06:40 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	7.06	168	410778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	646756	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	443695	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	173781	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	203971	59.25	ug/l	0.00
Spiked Amount			Recovery	=	118.50%	
35) Dibromofluoromethane	6.93	113	269173	55.09	ug/l	0.00
Spiked Amount			Recovery	=	110.18%	
50) Toluene-d8	10.41	98	509755	44.03	ug/l	0.00
Spiked Amount			Recovery	=	88.06%	
62) 4-Bromofluorobenzene	13.57	95	207561	44.23	ug/l	0.00
Spiked Amount			Recovery	=	88.46%	

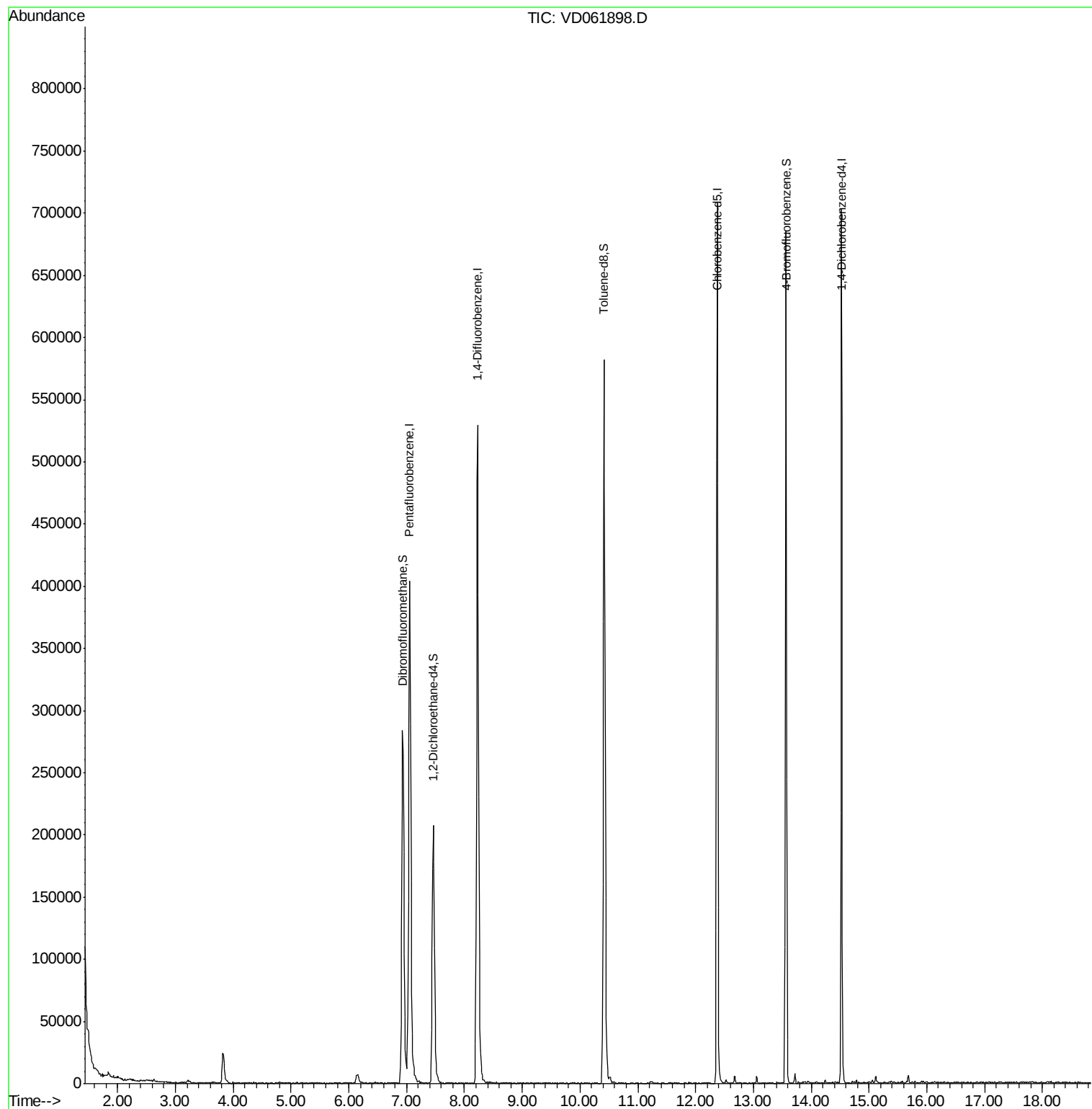
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
20) Methylene Chloride	3.83	84	18913	Below Cal		91

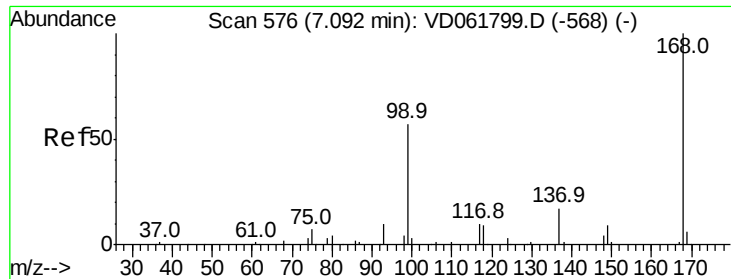
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061898.D

Acq: 19 Apr 2019 5:58

Instrument :

MSVOA_D

ClientSampleId :

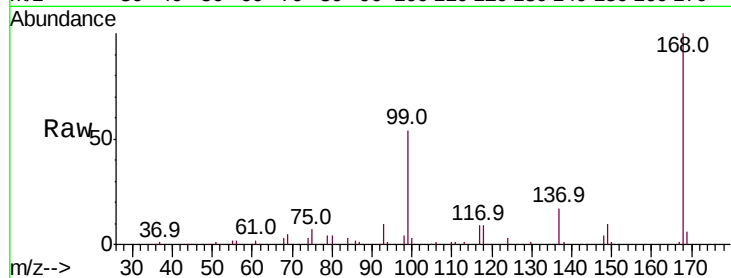
CL-01-041619-C

Tot Ion:168 Resp: 410778

Ion Ratio Lower Upper

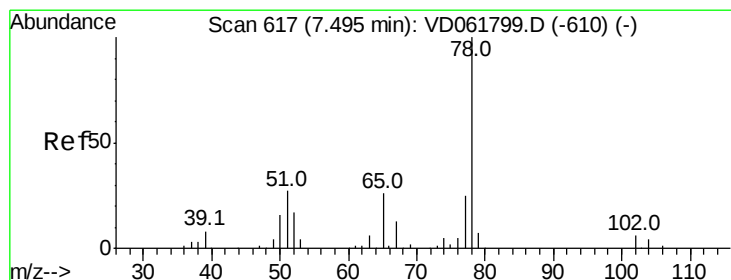
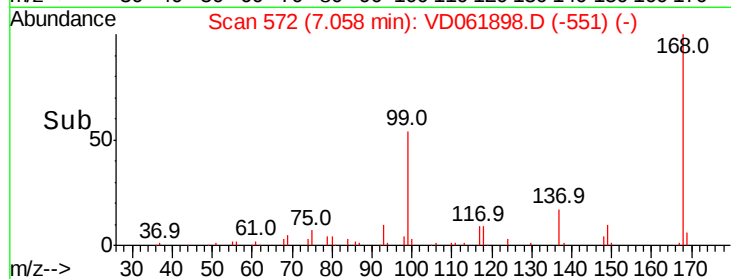
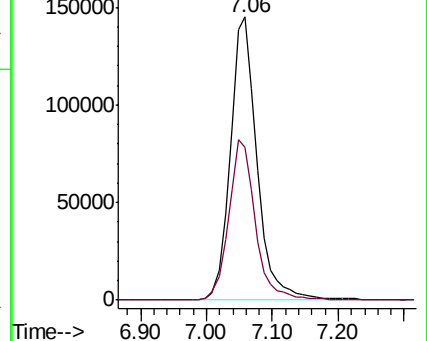
168 100

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



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD061898.D

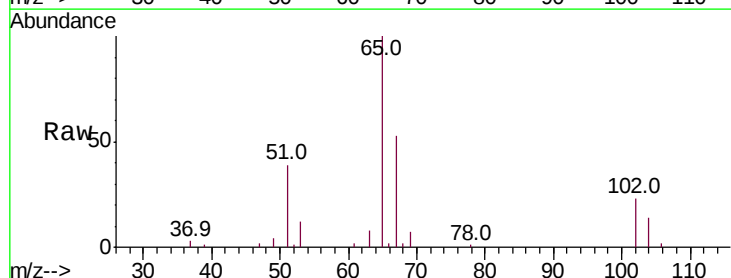
Acq: 19 Apr 2019 5:58

Tgt Ion: 65 Resp: 203971

Ion Ratio Lower Upper

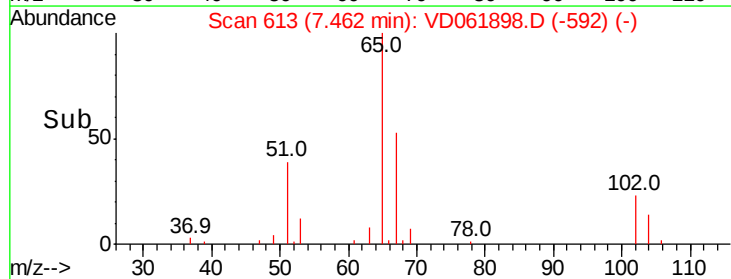
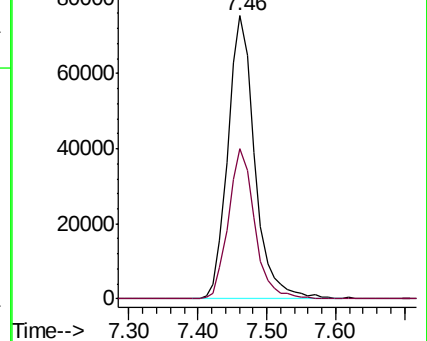
65 100

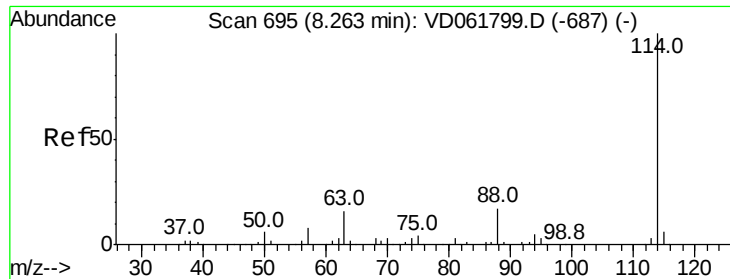
67 53.0 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

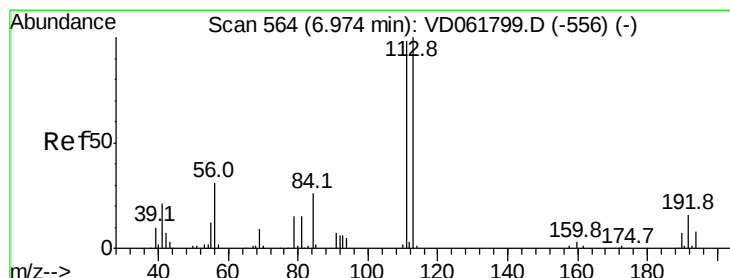
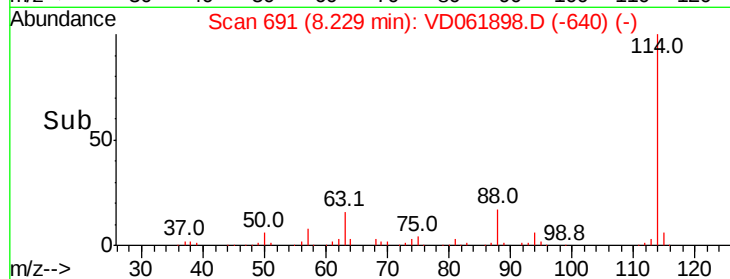
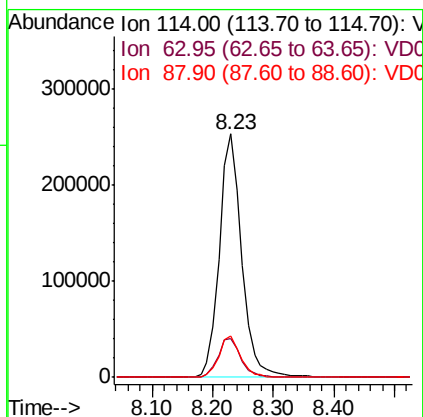
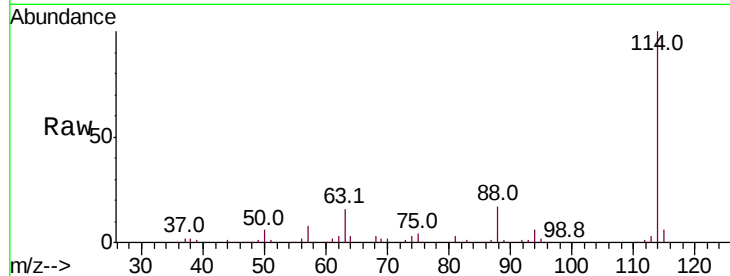




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061898.D
 Acq: 19 Apr 2019 5:58

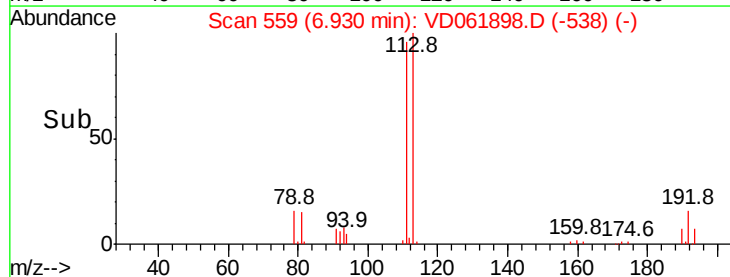
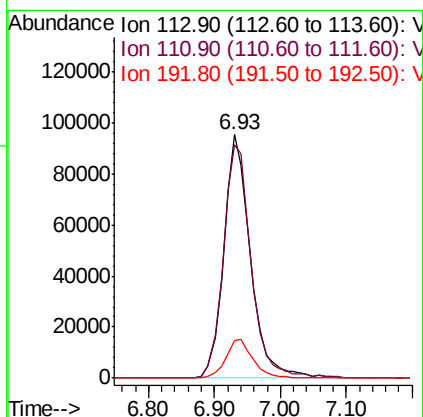
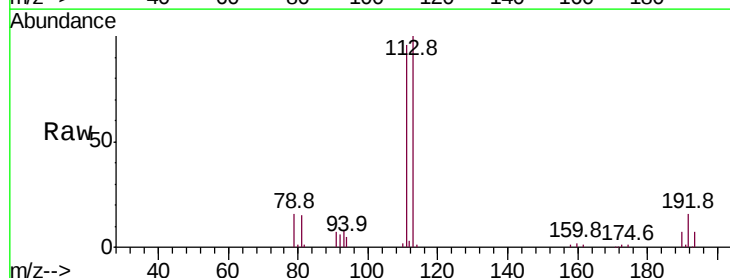
Instrument :
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 CL-01-041619-C

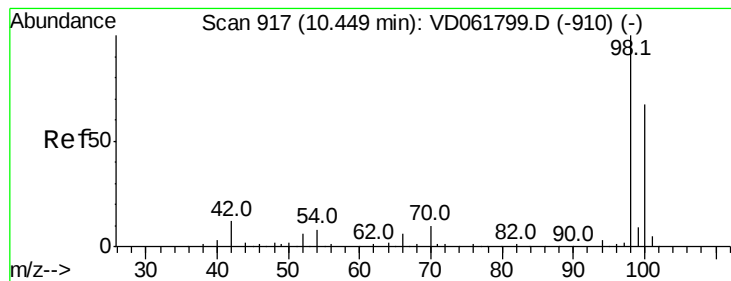
Tot Ion:114 Resp: 646756
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 32.4
 88 17.0 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD061898.D
 Acq: 19 Apr 2019 5:58

Tgt Ion:113 Resp: 269173
 Ion Ratio Lower Upper
 113 100
 111 96.1 78.5 117.7
 192 15.6 13.0 19.4





#50

Toluene-d8

Concen: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061898.D

Acq: 19 Apr 2019 5:58

Instrument :

MSVOA_D

ClientSampleId :

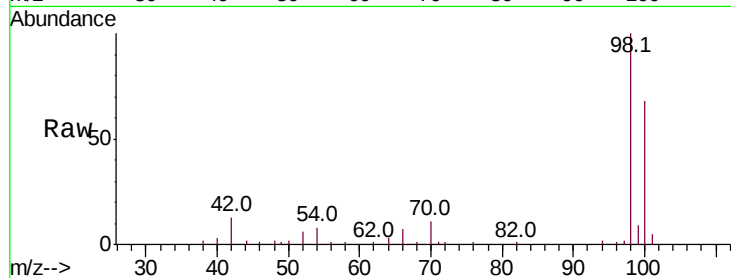
CL-01-041619-C

Tot Ion: 98 Resp: 509755

Ion Ratio Lower Upper

98 100

100 67.7 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

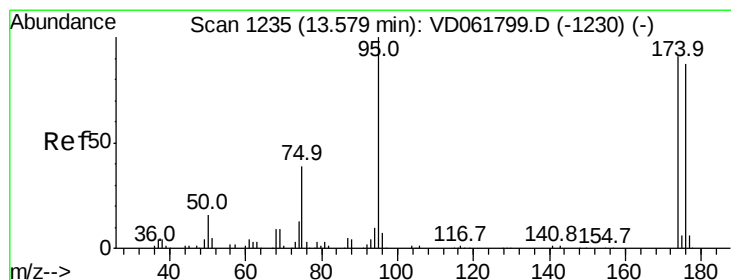
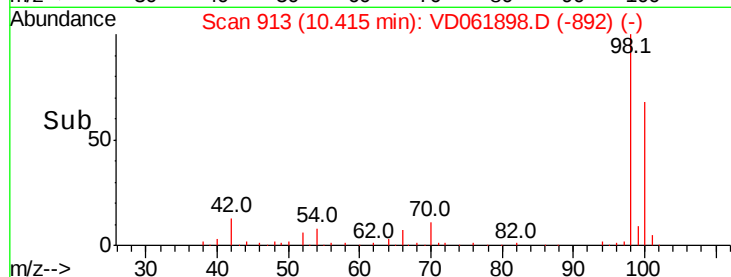
100000

50000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.57 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061898.D

Acq: 19 Apr 2019 5:58

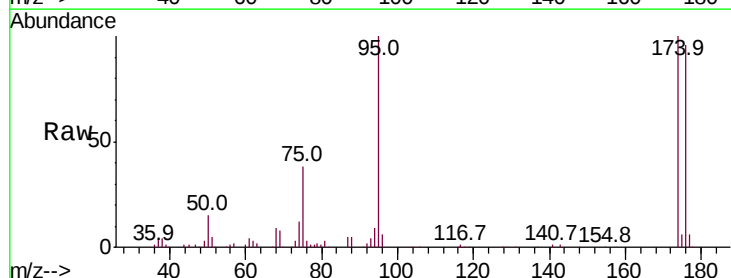
Tgt Ion: 95 Resp: 207561

Ion Ratio Lower Upper

95 100

174 99.7 0.0 181.8

176 96.1 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) (-)

13.57

200000

150000

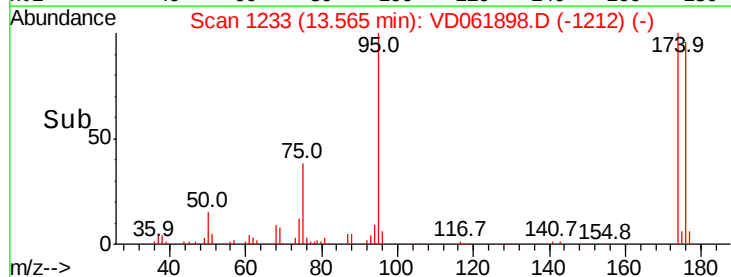
100000

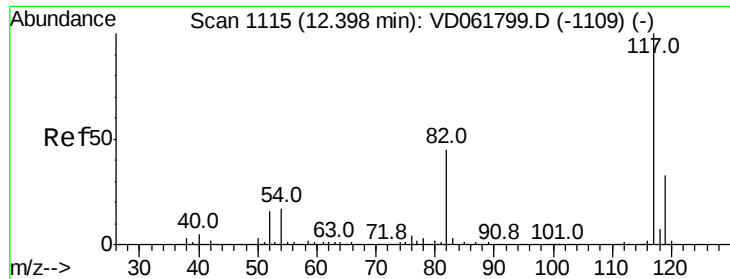
50000

0

Time-->

13.50 13.60

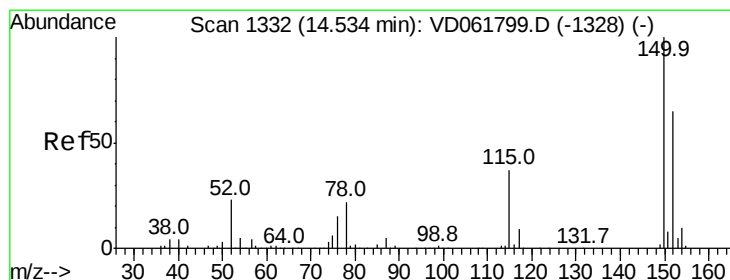
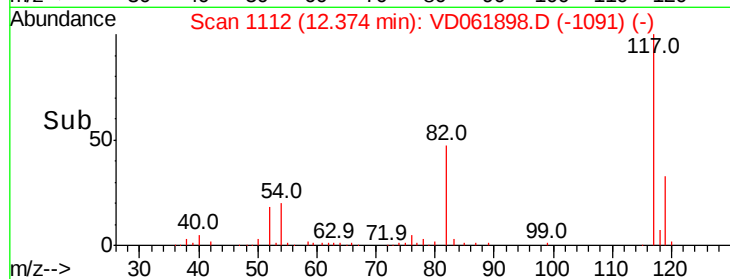
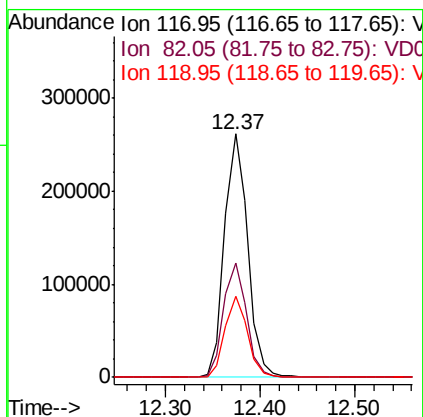
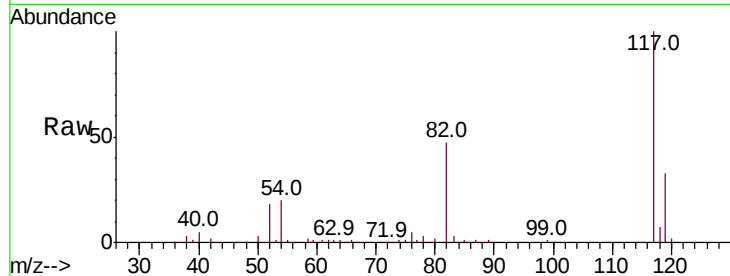




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061898.D
Acq: 19 Apr 2019 5:58

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Tot Ion:117 Resp: 443695
Ion Ratio Lower Upper
117 100
82 47.1 36.2 54.2
119 33.3 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD061898.D
Acq: 19 Apr 2019 5:58

Tgt Ion:152 Resp: 173781
Ion Ratio Lower Upper
152 100
115 58.4 30.9 92.7
150 153.0 0.0 314.8

