

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042219\
 Data File : VD061940.D
 Acq On : 22 Apr 2019 15:53
 Operator : VA/AP
 Sample : K2201-07
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-D

Quant Time: Apr 23 00:03:57 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

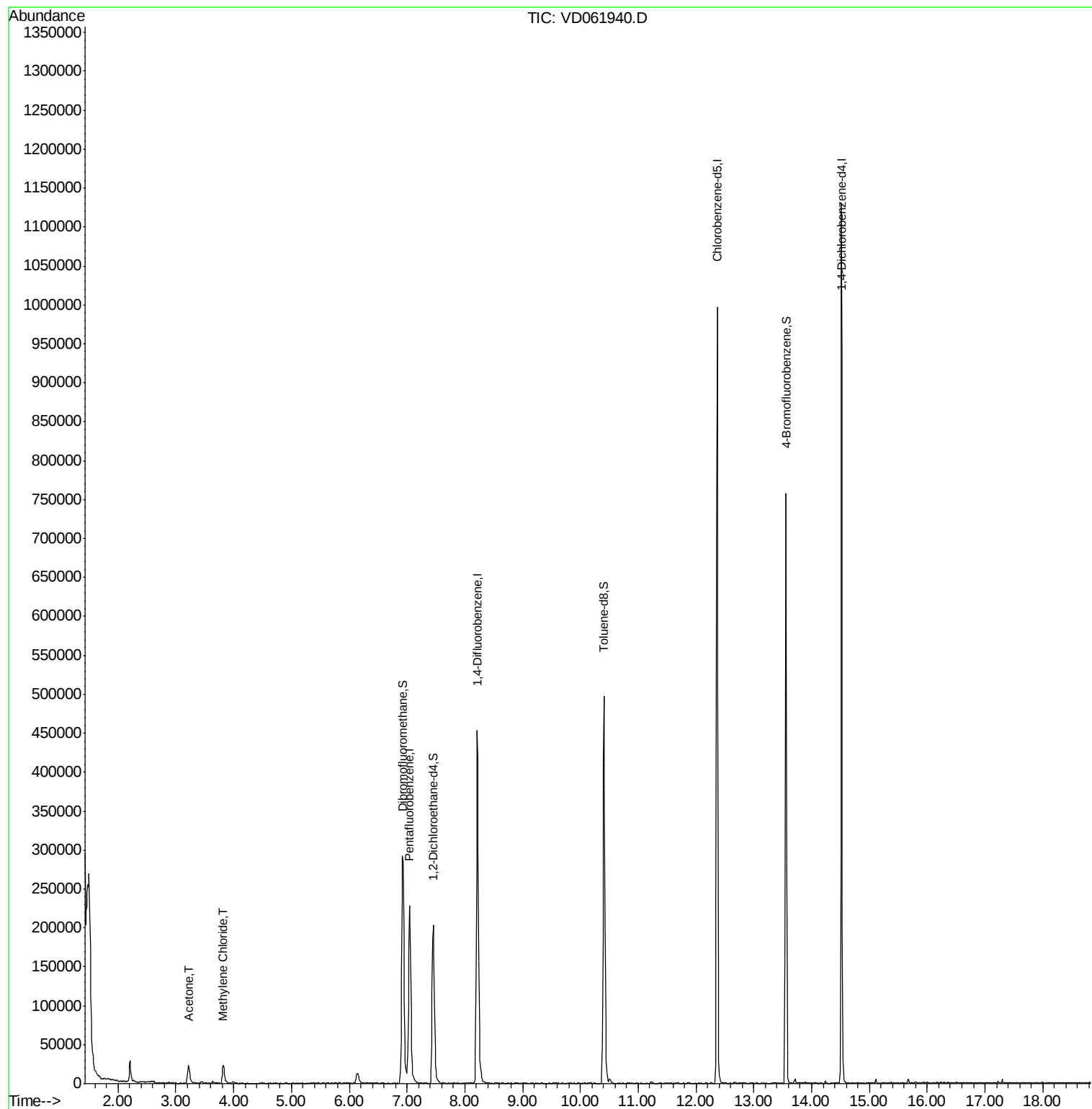
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	237707	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	554430	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.37	117	602131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	280026	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	208805	104.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	209.62%	
35) Dibromofluoromethane	6.92	113	279060	66.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.24%	
50) Toluene-d8	10.41	98	428821	43.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.42%	
62) 4-Bromofluorobenzene	13.55	95	254954	63.38	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	126.76%	
Target Compounds						
16) Acetone	3.22	43	44928	91.502	ug/l	98
20) Methylene Chloride	3.82	84	18313	3.211	ug/l	90

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

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD061940.D

Acq: 22 Apr 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

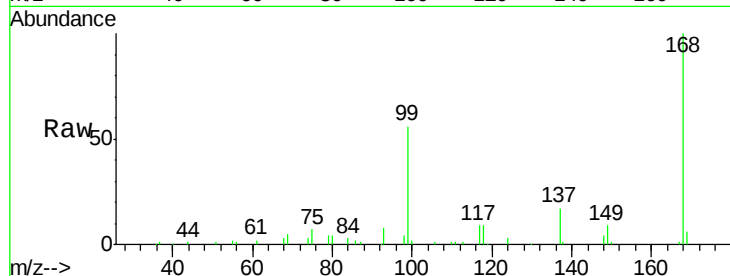
PL-01-041819-D

Tot Ion:168 Resp: 237707

Ion Ratio Lower Upper

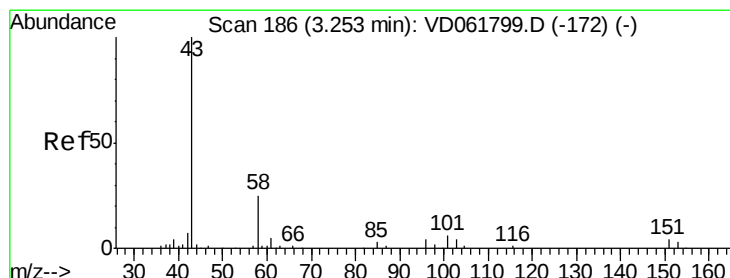
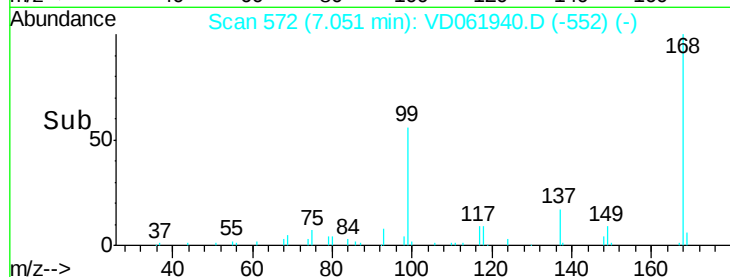
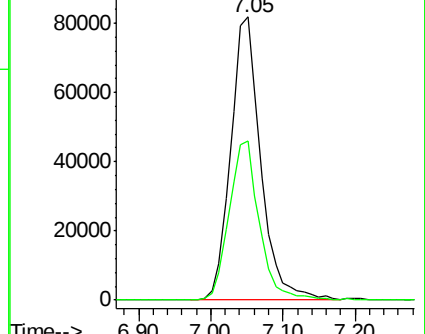
168 100

99 56.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 91.502 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.01 min

Lab File: VD061940.D

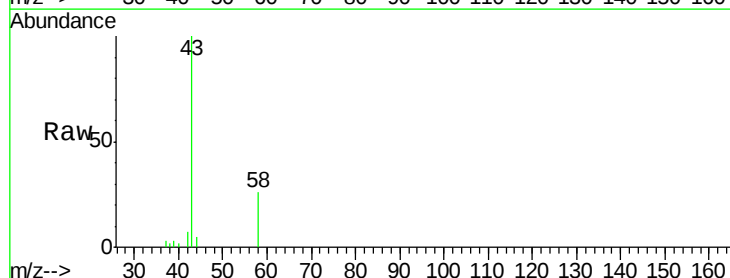
Acq: 22 Apr 2019 15:53

Tgt Ion: 43 Resp: 44928

Ion Ratio Lower Upper

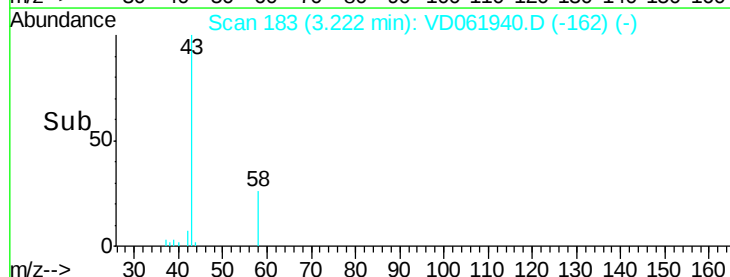
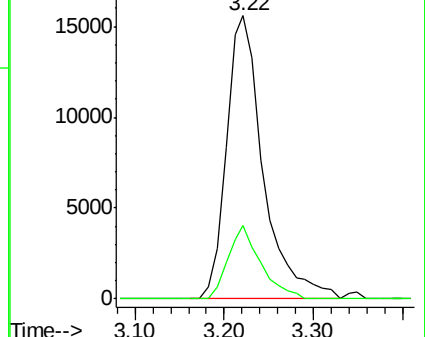
43 100

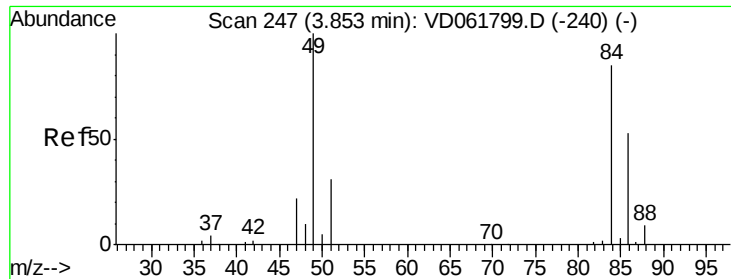
58 25.9 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

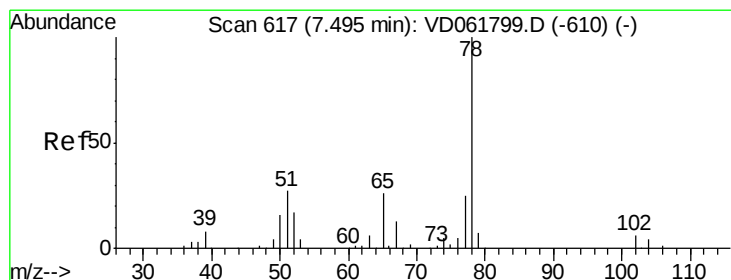
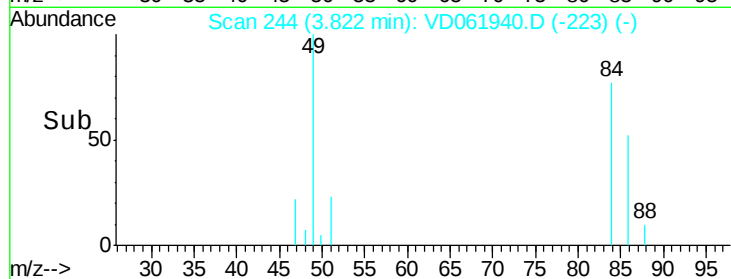
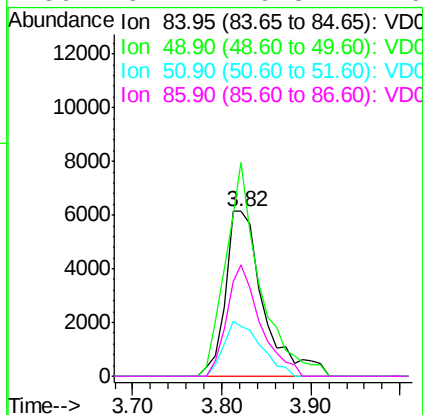
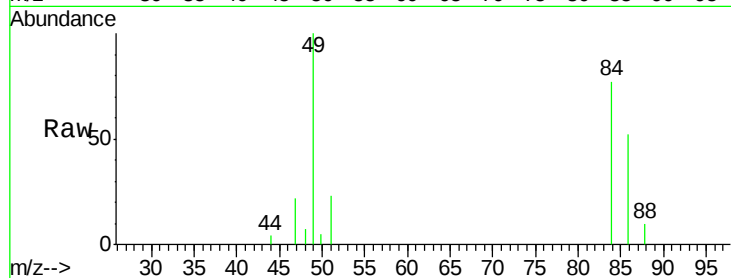




#20
Methylene Chloride
Concen: 3.211 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.01 min
Lab File: VD061940.D
Acq: 22 Apr 2019 15:53

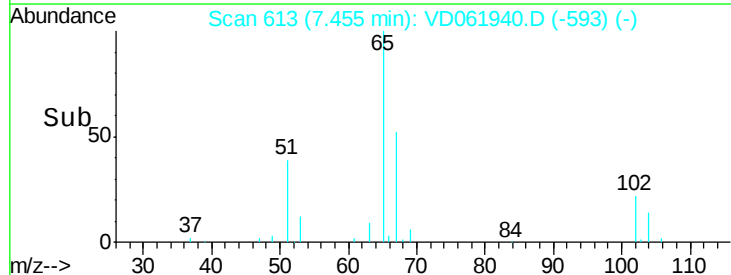
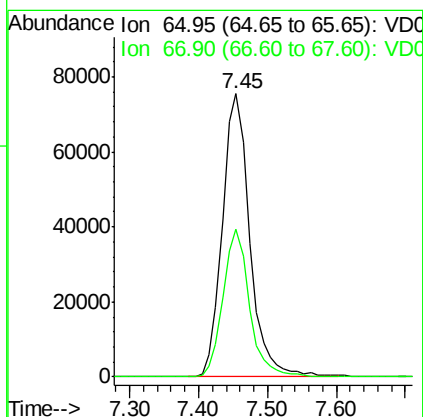
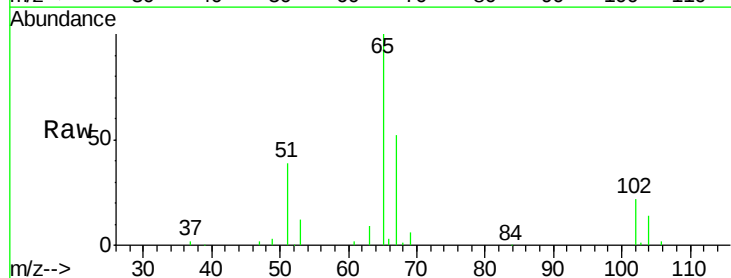
Instrument :
MSVOA_D
ClientSampleId :
PL-01-041819-D

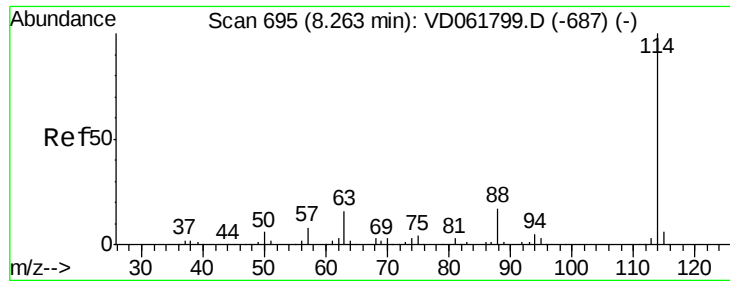
Tot Ion: 84 Resp: 18313
Ion Ratio Lower Upper
84 100
49 129.4 94.0 141.0
51 30.2 29.0 43.4
86 67.4 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.45 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD061940.D
Acq: 22 Apr 2019 15:53

Tgt Ion: 65 Resp: 208805
Ion Ratio Lower Upper
65 100
67 52.0 0.0 98.0

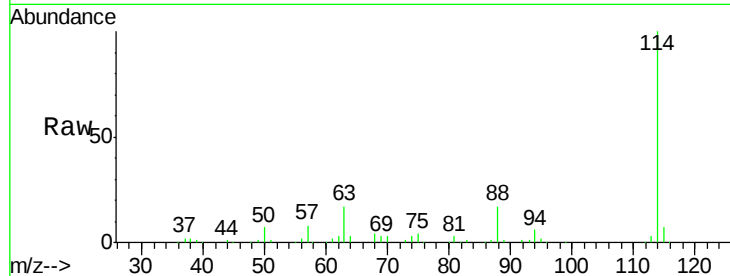




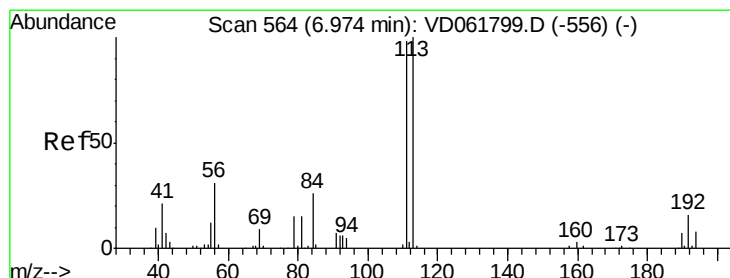
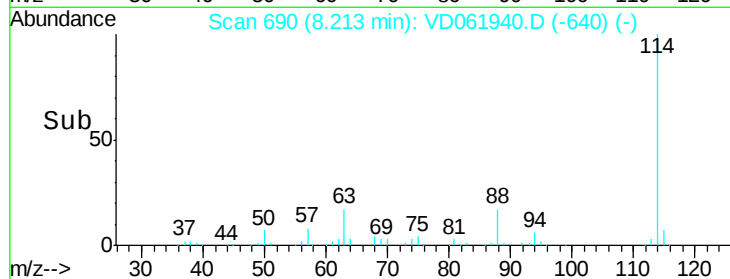
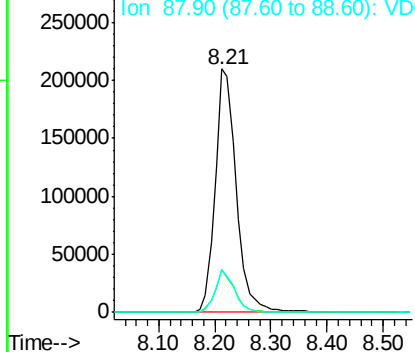
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 690
 Delta R.T. -0.01 min
 Lab File: VD061940.D
 Acq: 22 Apr 2019 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-D

Tot Ion:114 Resp: 554430
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 32.4
 88 17.5 0.0 33.6

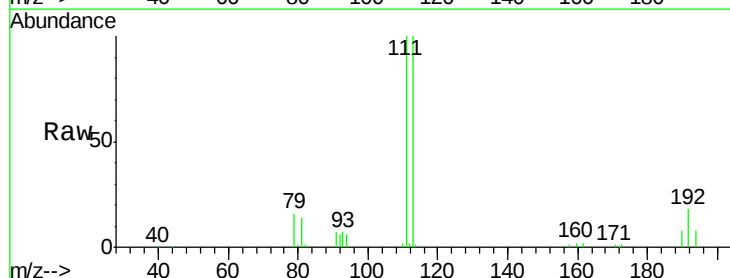


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

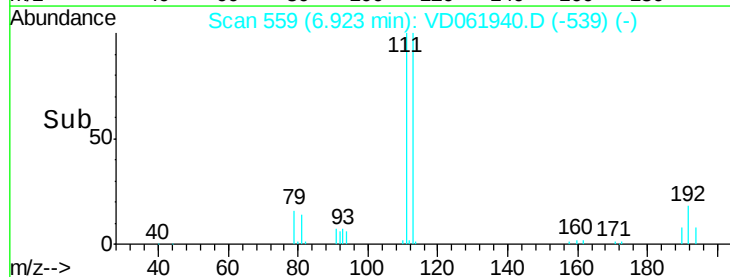
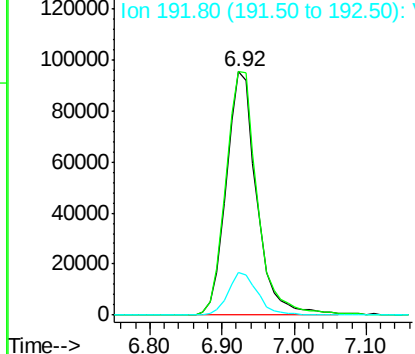


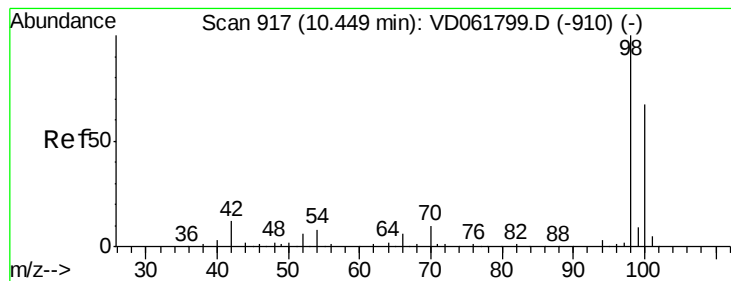
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD061940.D
 Acq: 22 Apr 2019 15:53

Tgt Ion:113 Resp: 279060
 Ion Ratio Lower Upper
 113 100
 111 100.1 78.5 117.7
 192 17.7 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: 10.41 min Scan# 913

Delta R.T. -0.00 min

Lab File: VD061940.D

Acq: 22 Apr 2019 15:53

Instrument :

MSVOA_D

ClientSampleId :

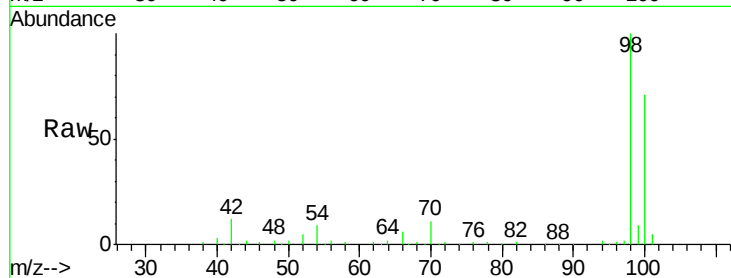
PL-01-041819-D

Tot Ion: 98 Resp: 428821

Ion Ratio Lower Upper

98 100

100 71.4 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

200000

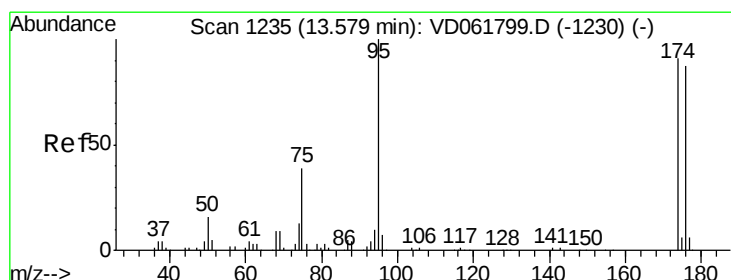
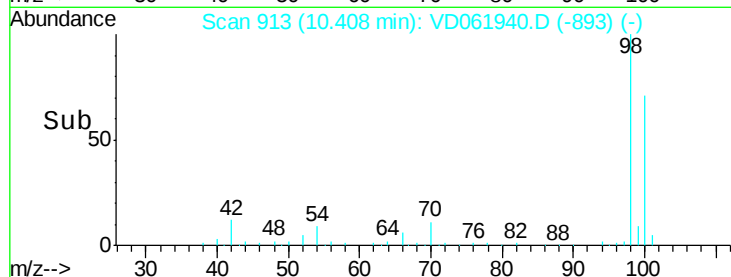
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. -0.01 min

Lab File: VD061940.D

Acq: 22 Apr 2019 15:53

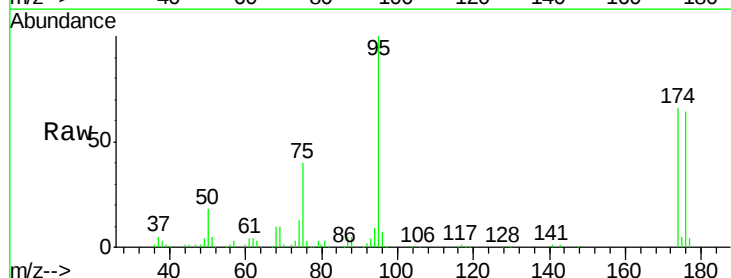
Tgt Ion: 95 Resp: 254954

Ion Ratio Lower Upper

95 100

174 66.1 0.0 181.8

176 63.6 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

200000

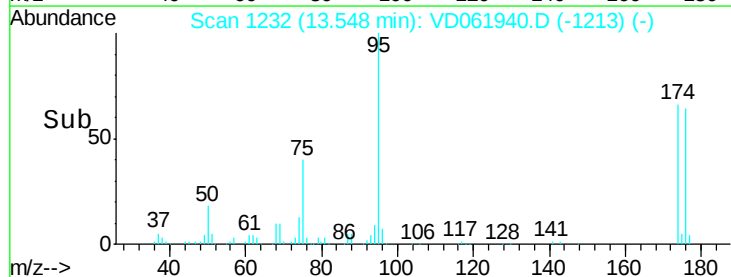
150000

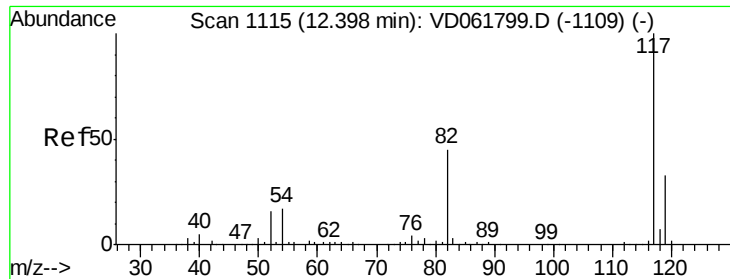
100000

50000

0

Time-->

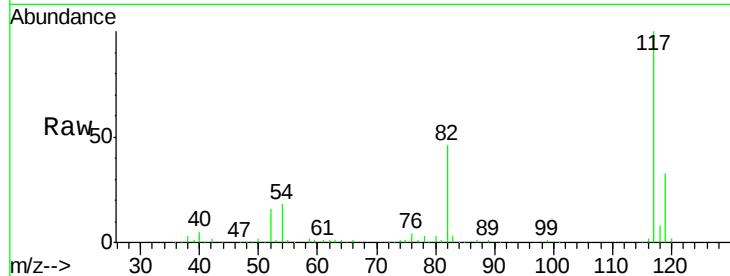




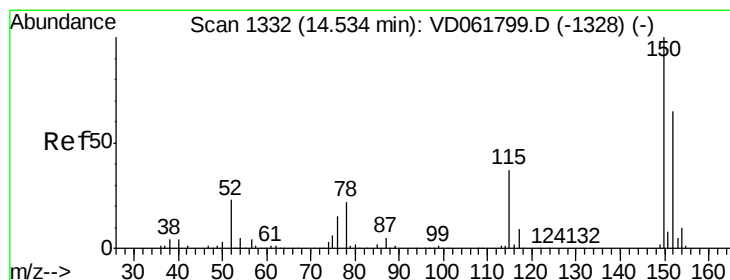
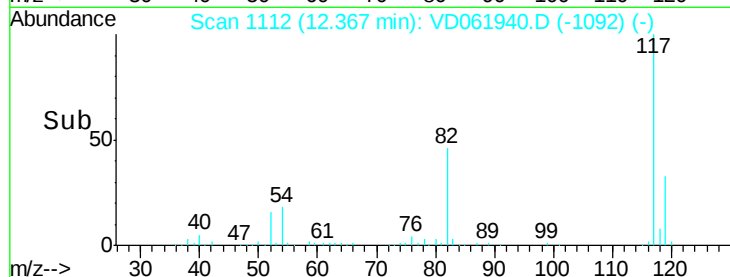
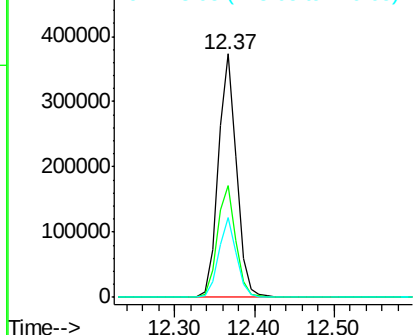
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.37 min Scan# 1112
 Delta R.T. -0.00 min
 Lab File: VD061940.D
 Acq: 22 Apr 2019 15:53

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-01-041819-D

Tot Ion:117 Resp: 602131
 Ion Ratio Lower Upper
 117 100
 82 45.8 36.2 54.2
 119 32.5 26.2 39.4

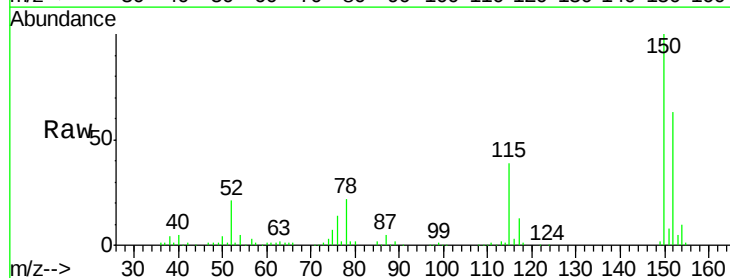


Abundance Ion 116.95 (116.65 to 117.65): V
 Ion 82.05 (81.75 to 82.75): V
 Ion 118.95 (118.65 to 119.65): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061940.D
 Acq: 22 Apr 2019 15:53

Tgt Ion:152 Resp: 280026
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.9 92.7
 150 157.5 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

