

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041619\
 Data File : VD061812.D
 Acq On : 16 Apr 2019 15:39
 Operator : VA/AP
 Sample : K2347-02RE
 Misc : 5.03g/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02RE

Quant Time: Apr 16 16:14:16 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

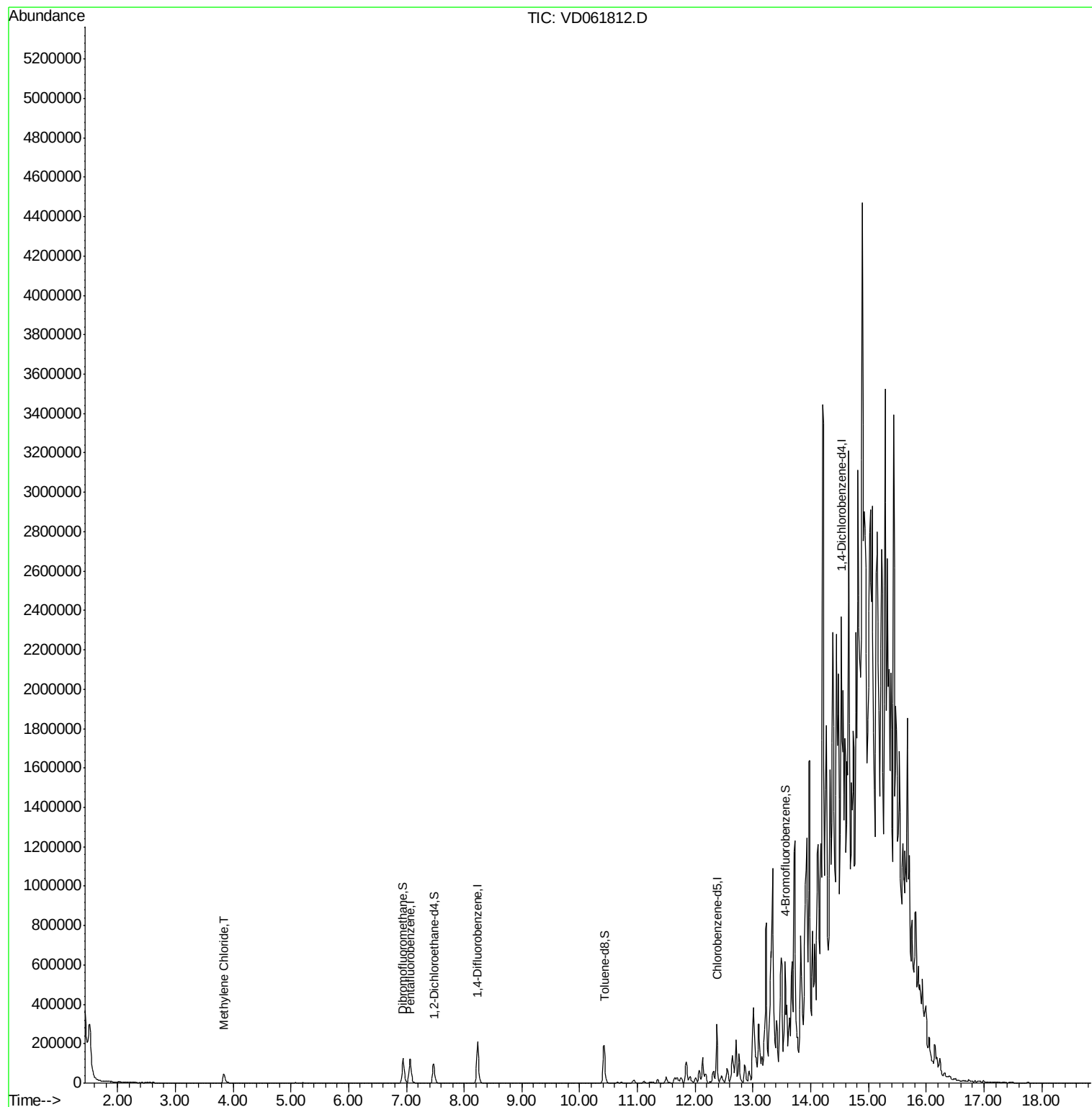
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	134784	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.23	114	259959	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.37	117	180736	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	55003	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	99814	88.36	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	176.72%	
35) Dibromofluoromethane	6.94	113	116115	59.12	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	118.24%	
50) Toluene-d8	10.43	98	174572	37.51	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	75.02%	
62) 4-Bromofluorobenzene	13.56	95	66022	35.00	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	70.00%	
Target Compounds						
20) Methylene Chloride	3.84	84	35780	23.416	ug/l	Qvalue 96

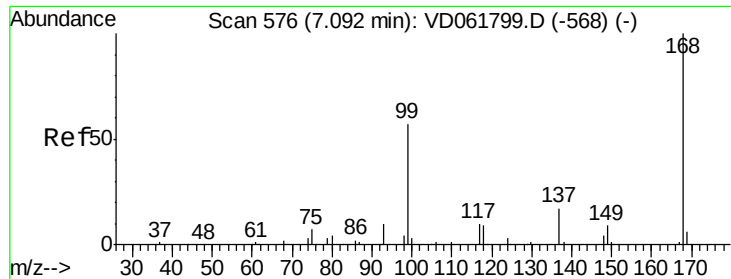
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. -0.03 min

Lab File: VD061812.D

Acq: 16 Apr 2019 15:39

Instrument :

MSVOA_D

ClientSampleId :

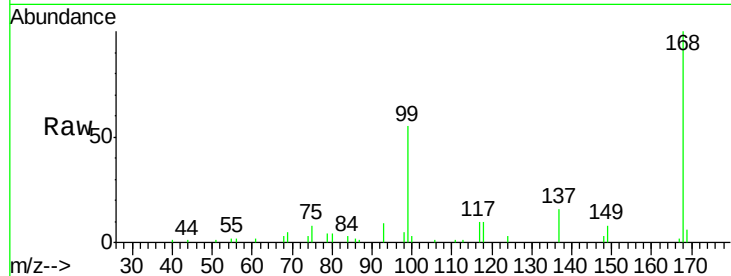
BCOG02RE

Tot Ion:168 Resp: 134784

Ion Ratio Lower Upper

168 100

99 55.0 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

50000

40000

30000

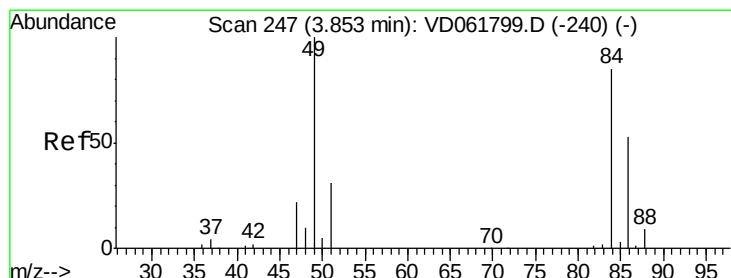
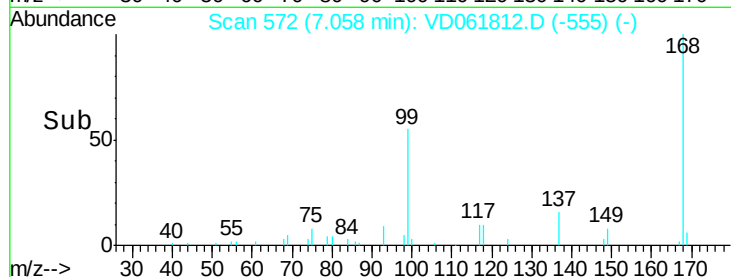
20000

10000

0

Time-->

6.90 7.00 7.10 7.20 7.30



#20

Methylene Chloride

Concen: 23.416 ug/l

RT: 3.84 min Scan# 245

Delta R.T. -0.01 min

Lab File: VD061812.D

Acq: 16 Apr 2019 15:39

Tgt Ion: 84 Resp: 35780

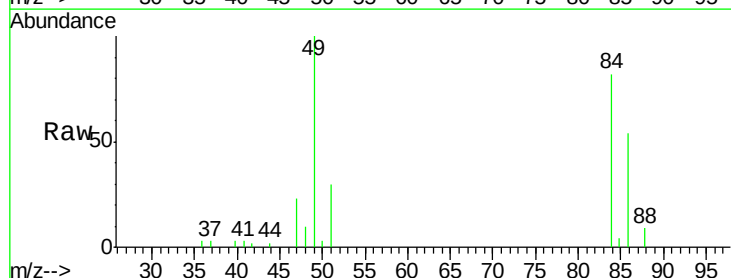
Ion Ratio Lower Upper

84 100

49 122.3 94.0 141.0

51 37.2 29.0 43.4

86 66.1 49.8 74.6



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

20000

15000

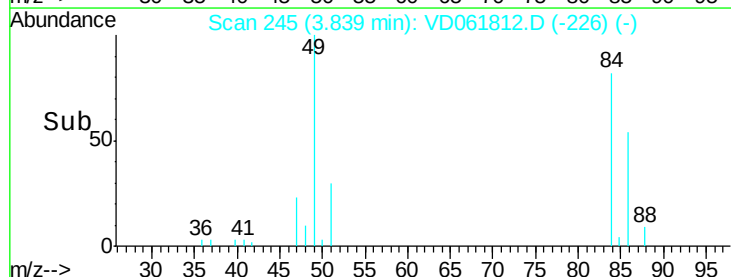
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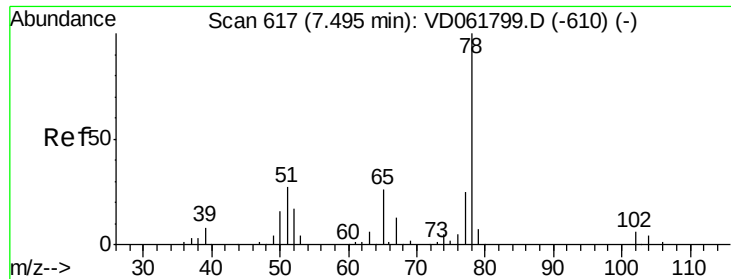
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Time-->

3.70 3.80 3.90 4.00

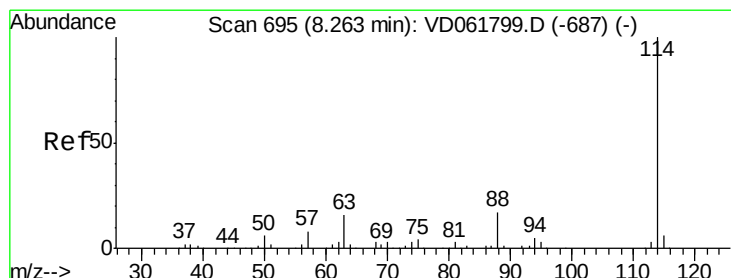
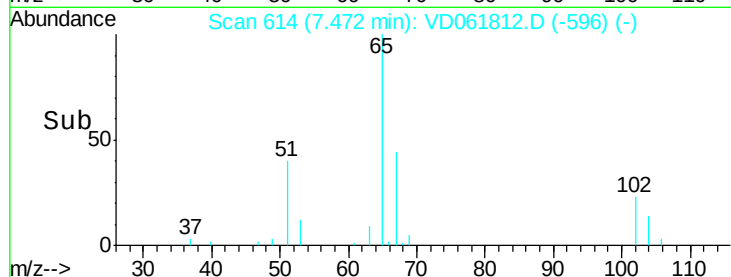
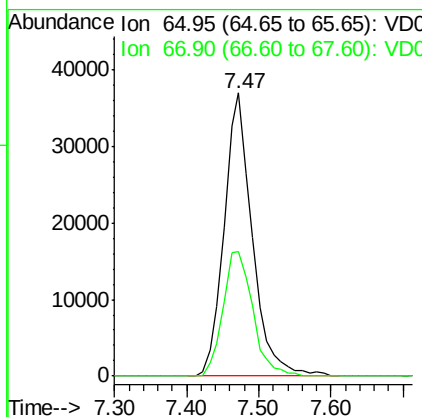
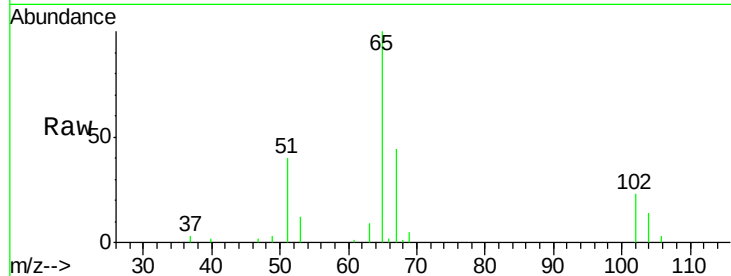




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.47 min Scan# 614
 Delta R.T. -0.02 min
 Lab File: VD061812.D
 Acq: 16 Apr 2019 15:39

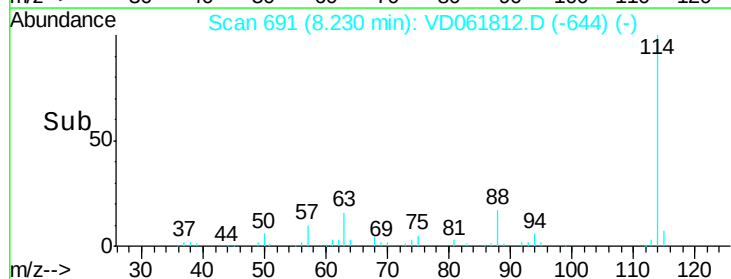
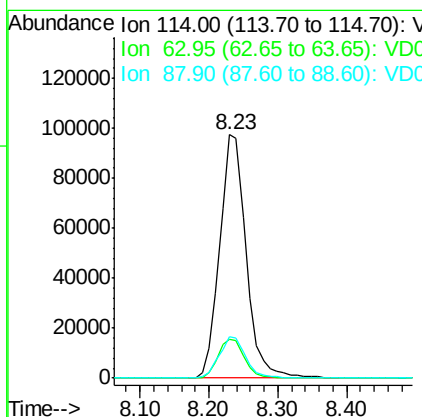
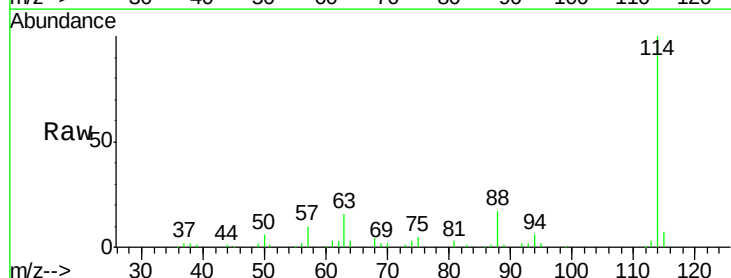
Instrument :
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 ClientSampleId :
 BCOG02RE

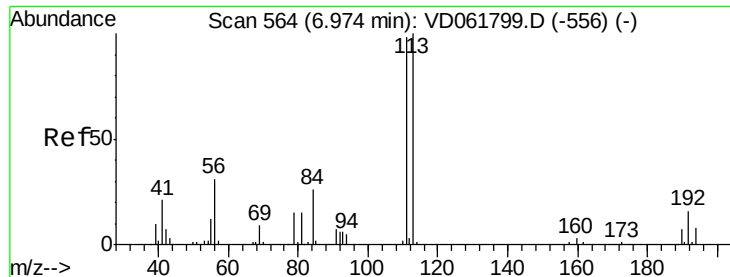
Tot Ion: 65 Resp: 99814
 Ion Ratio Lower Upper
 65 100
 67 44.1 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. -0.03 min
 Lab File: VD061812.D
 Acq: 16 Apr 2019 15:39

Tgt Ion: 114 Resp: 259959
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 32.4
 88 17.2 0.0 33.6

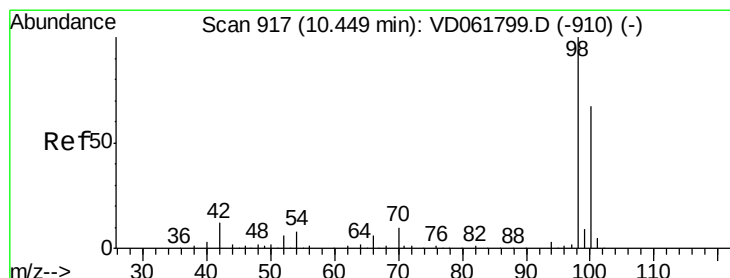
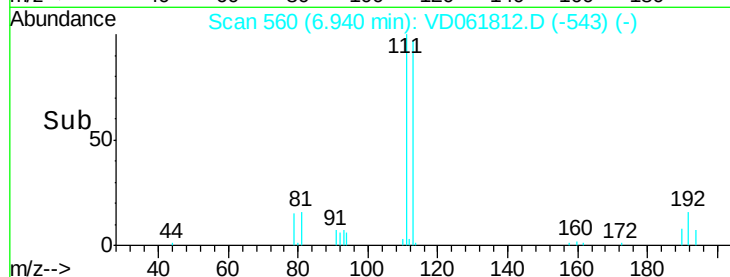
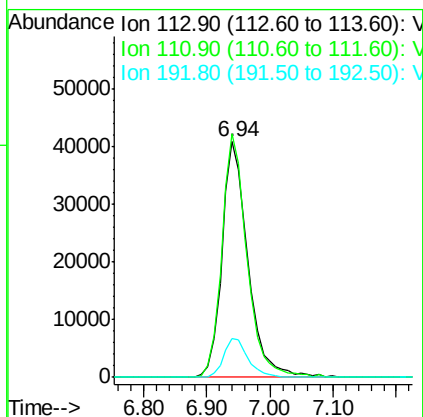
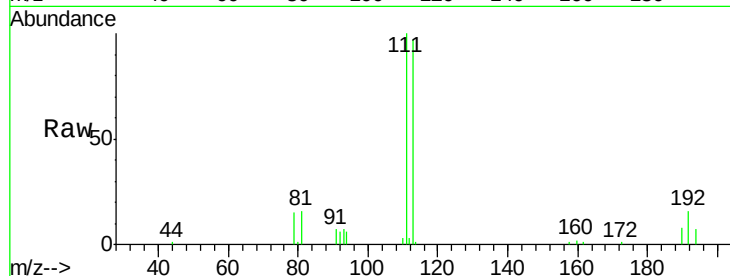




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. -0.03 min
 Lab File: VD061812.D
 Acq: 16 Apr 2019 15:39

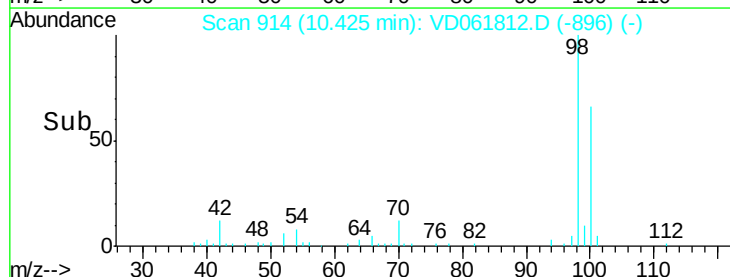
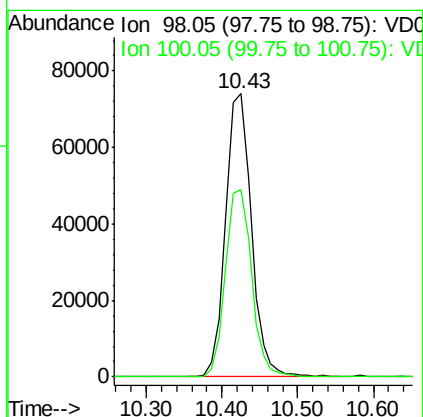
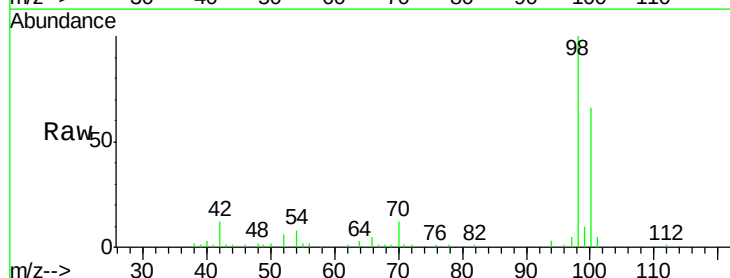
Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02RE

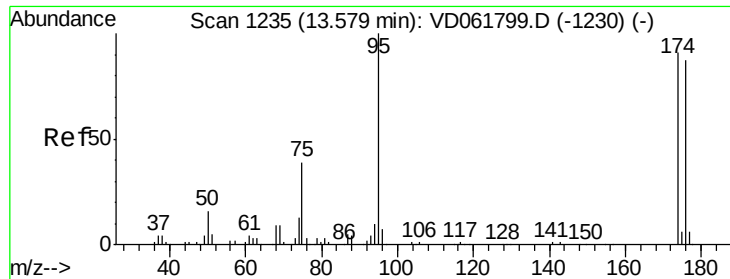
Tot Ion:113 Resp: 116115
 Ion Ratio Lower Upper
 113 100
 111 103.4 78.5 117.7
 192 16.4 13.0 19.4



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 10.43 min Scan# 914
 Delta R.T. -0.02 min
 Lab File: VD061812.D
 Acq: 16 Apr 2019 15:39

Tgt Ion: 98 Resp: 174572
 Ion Ratio Lower Upper
 98 100
 100 66.1 53.8 80.8

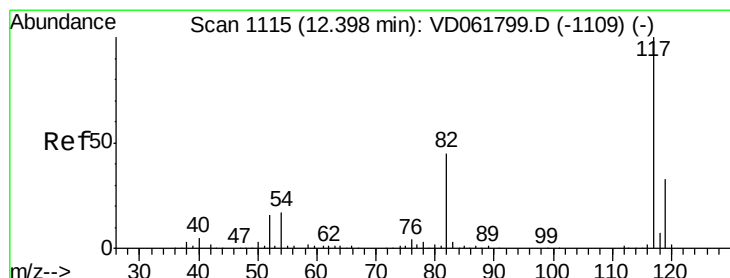
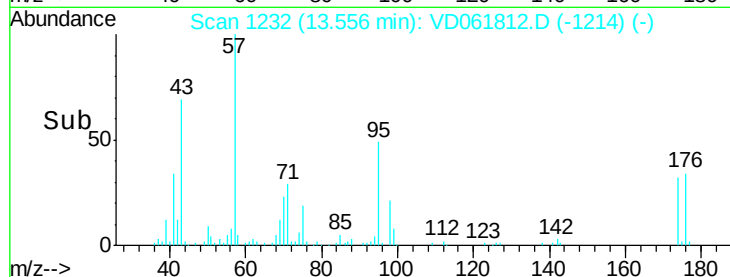
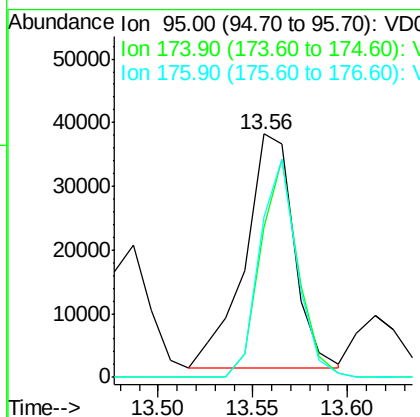
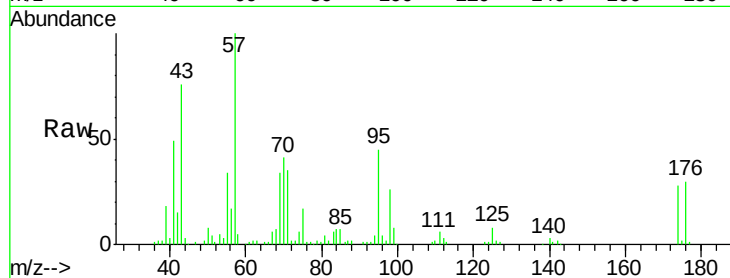




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.56 min Scan# 1232
Delta R.T. -0.02 min
Lab File: VD061812.D
Acq: 16 Apr 2019 15:39

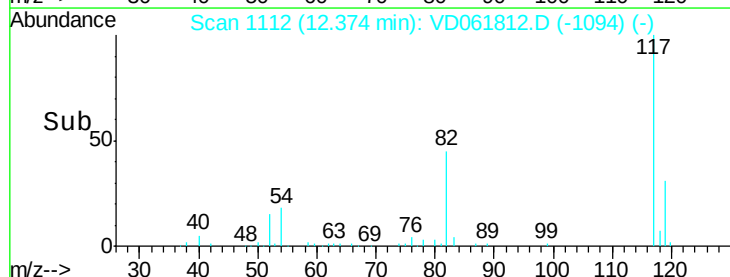
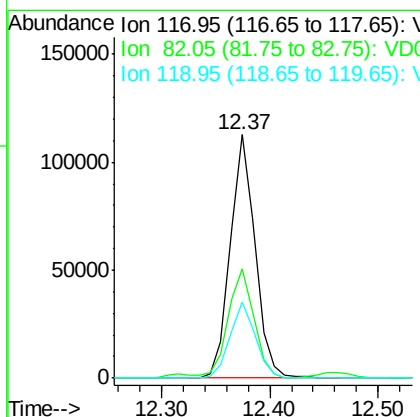
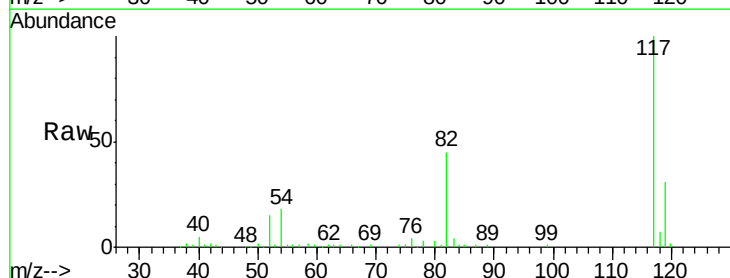
Instrument :
MSVOA_D
ClientSampleId :
BCOG02RE

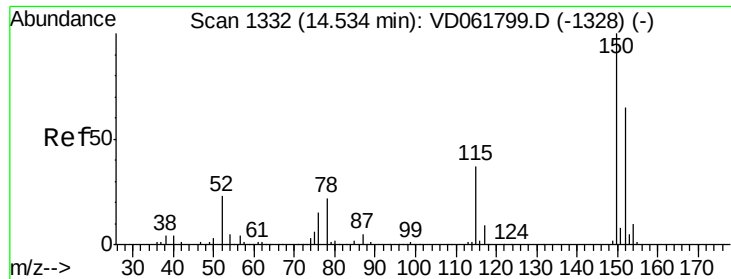
Tot Ion: 95 Resp: 66022
Ion Ratio Lower Upper
95 100
174 61.7 0.0 181.8
176 65.9 0.0 174.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.02 min
Lab File: VD061812.D
Acq: 16 Apr 2019 15:39

Tgt Ion: 117 Resp: 180736
Ion Ratio Lower Upper
117 100
82 44.9 36.2 54.2
119 31.1 26.2 39.4

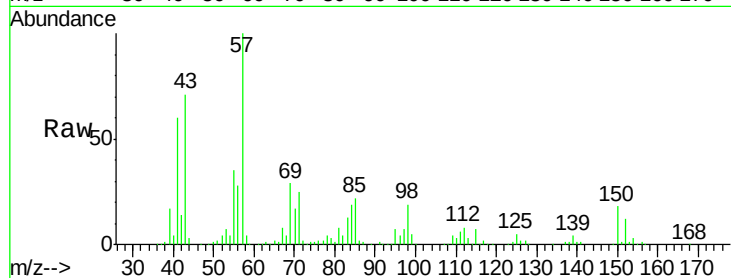




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. -0.01 min
 Lab File: VD061812.D
 Acq: 16 Apr 2019 15:39

Instrument :
 MSVOA_D
 ClientSampleId :
 BCOG02RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.5	30.9	92.7
150	156.0	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

