

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091918\
 Data File : VD060047.D
 Acq On : 19 Sep 2018 18:08
 Operator : JC/SY
 Sample : J4778-01
 Misc : 12.18g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-091918

Quant Time: Sep 21 16:35:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091318S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 13 16:17:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	33815	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.44	114	53185	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.28	117	55316	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	32704	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	21968	83.31	ug/l	0.02
Spiked Amount	50.000		Recovery	=	166.62%	
35) Dibromofluoromethane	6.31	113	19526	46.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.98%	
50) Toluene-d8	9.45	98	45946	39.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	79.80%	
62) 4-Bromofluorobenzene	12.43	95	22049	50.12	ug/l	0.02
Spiked Amount	50.000		Recovery	=	100.24%	

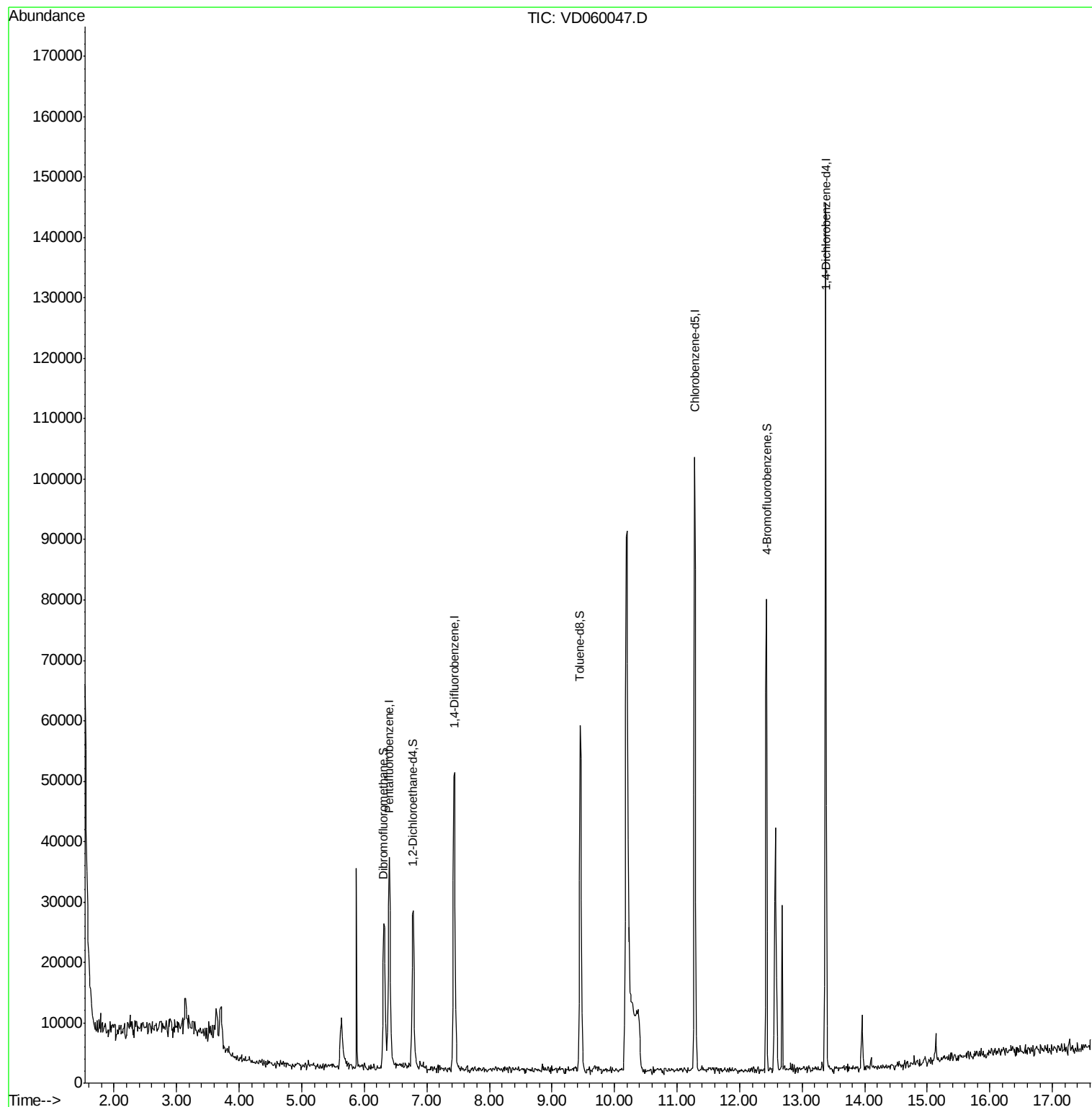
Target Compounds	Qvalue
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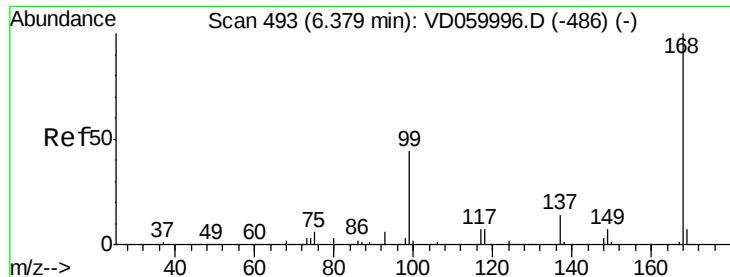
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. 0.02 min

Lab File: VD060047.D

Acq: 19 Sep 2018 18:08

Instrument :

MSVOA_D

ClientSampleId :

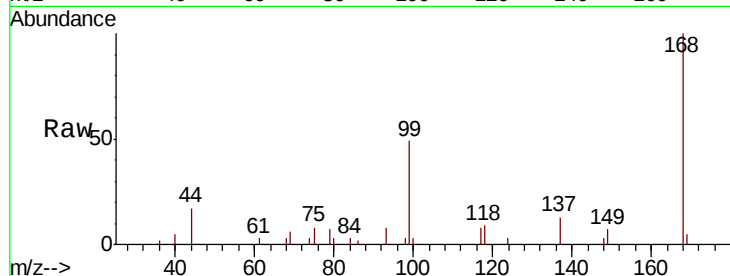
SA-01-091918

Tot Ion:168 Resp: 33815

Ion Ratio Lower Upper

168 100

99 48.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

15000

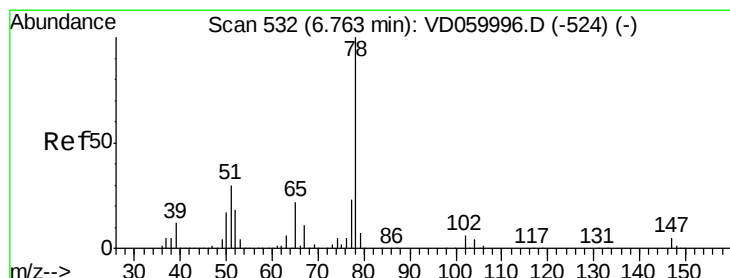
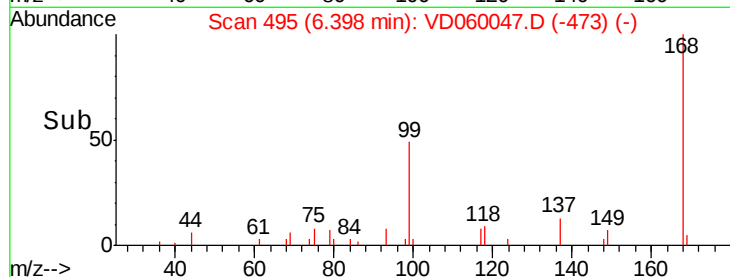
10000

5000

0

Time-->

6.30 6.40 6.50



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.78 min Scan# 534

Delta R.T. 0.02 min

Lab File: VD060047.D

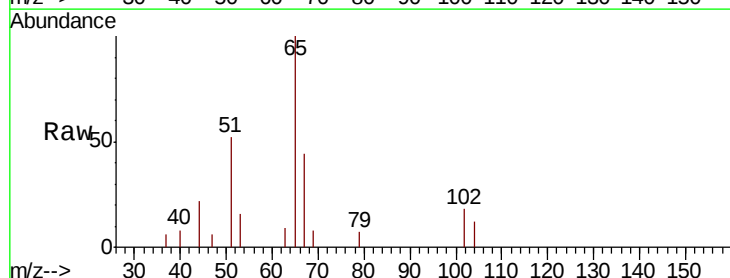
Acq: 19 Sep 2018 18:08

Tgt Ion: 65 Resp: 21968

Ion Ratio Lower Upper

65 100

67 44.2 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.78

10000

8000

6000

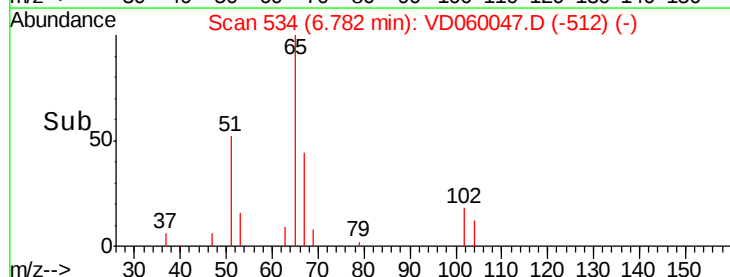
4000

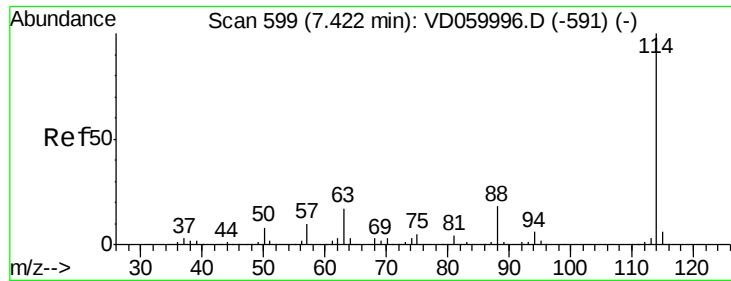
2000

0

Time-->

6.70 6.75 6.80 6.85

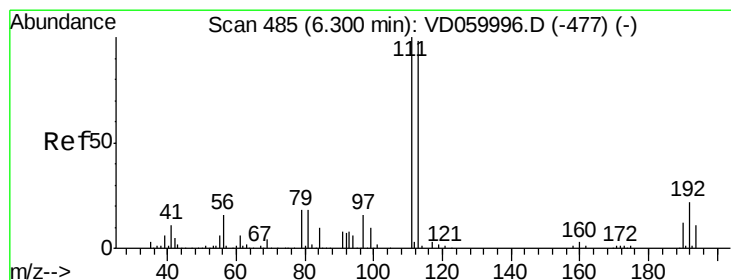
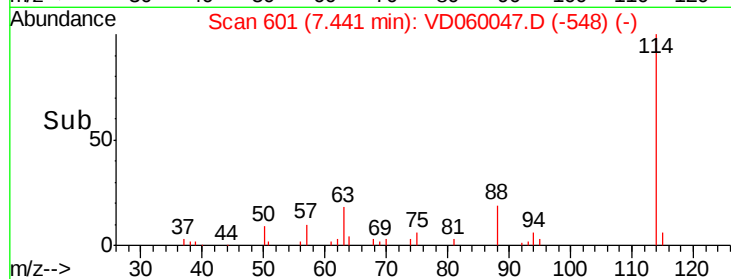
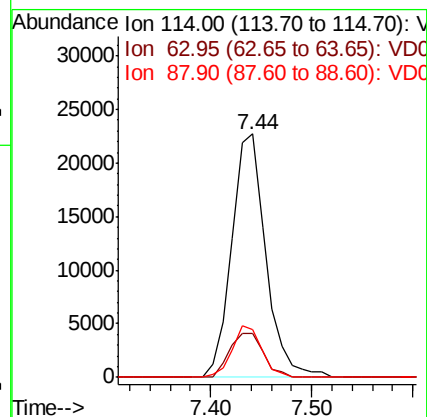
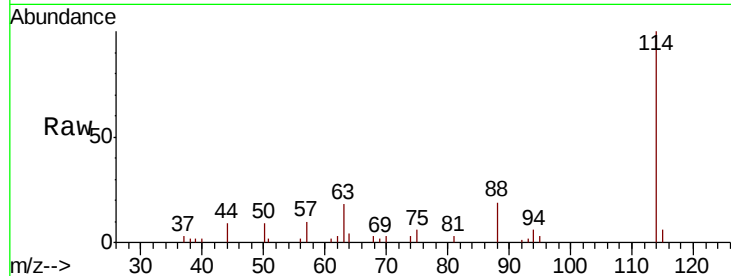




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060047.D
 Acq: 19 Sep 2018 18:08

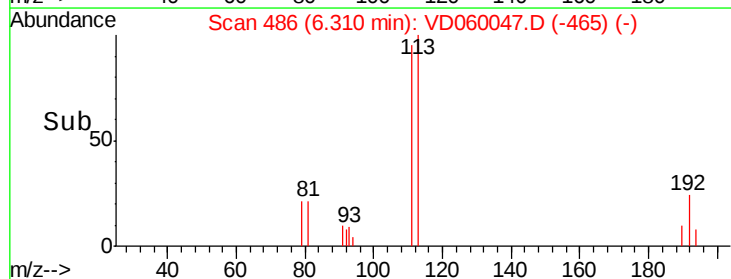
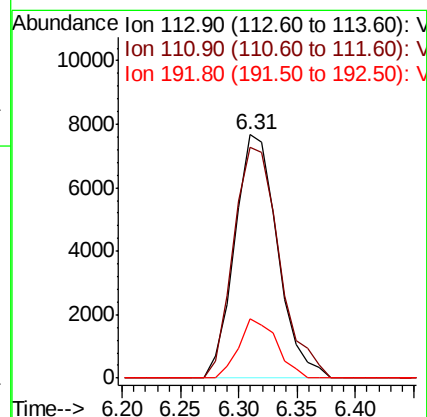
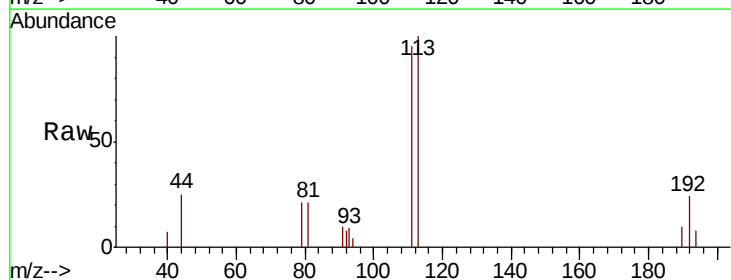
Instrument :
 MSVOA_D
 ClientSampleId :
 SA-01-091918

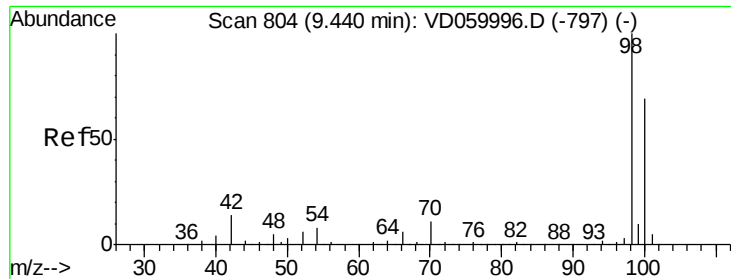
Tot Ion:114 Resp: 53185
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.4
 88 19.5 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 486
 Delta R.T. 0.01 min
 Lab File: VD060047.D
 Acq: 19 Sep 2018 18:08

Tgt Ion:113 Resp: 19526
 Ion Ratio Lower Upper
 113 100
 111 94.9 81.3 121.9
 192 24.4 18.1 27.1





#50

Toluene-d8

Concen: N.D. ug/l

RT: 9.45 min Scan# 805

Delta R.T. 0.01 min

Lab File: VD060047.D

Acq: 19 Sep 2018 18:08

Instrument :

MSVOA_D

ClientSampleId :

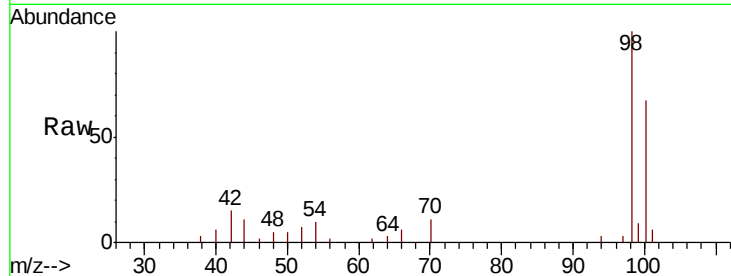
SA-01-091918

Tot Ion: 98 Resp: 45946

Ion Ratio Lower Upper

98 100

100 67.3 55.8 83.6

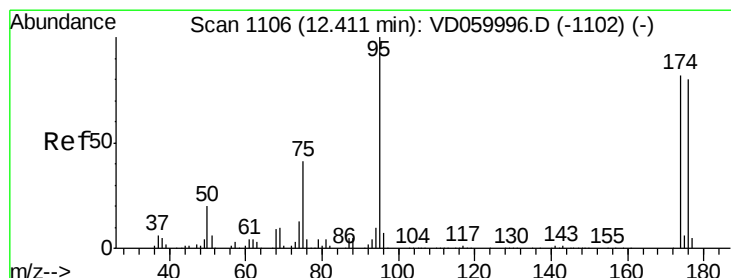
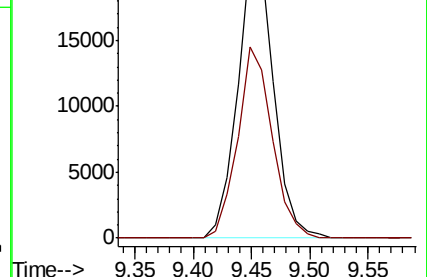
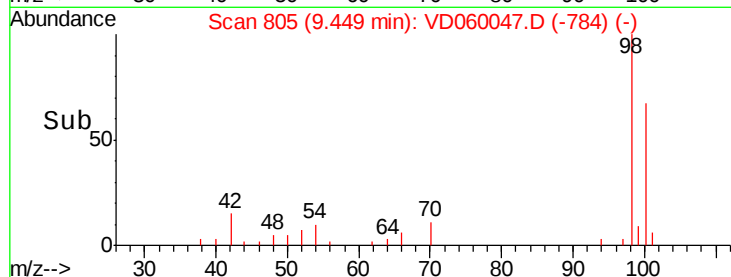


Abundance Ion 98.05 (97.75 to 98.75): VD060047.D (-797) (-)

Ion 100.05 (99.75 to 100.75): VD060047.D (-797) (-)

9.45

Time-->



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060047.D

Acq: 19 Sep 2018 18:08

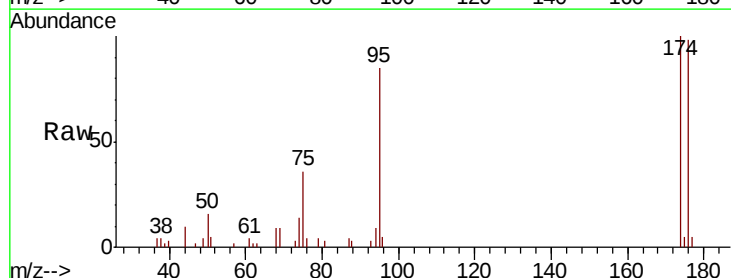
Tgt Ion: 95 Resp: 22049

Ion Ratio Lower Upper

95 100

174 117.6 0.0 165.0

176 115.3 0.0 160.2



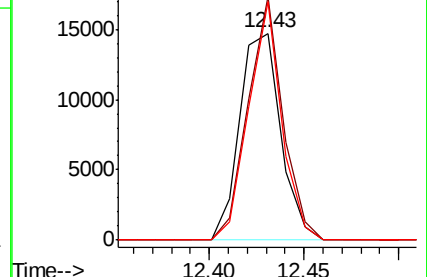
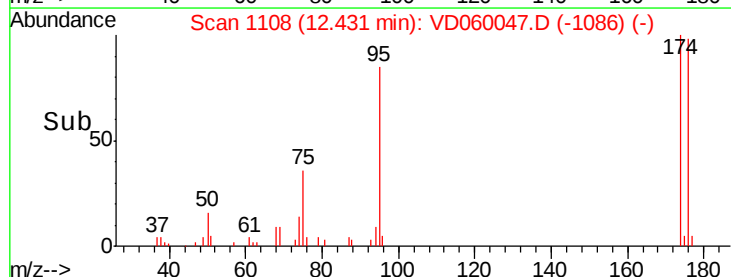
Abundance Ion 95.00 (94.70 to 95.70): VD060047.D (-1086) (-)

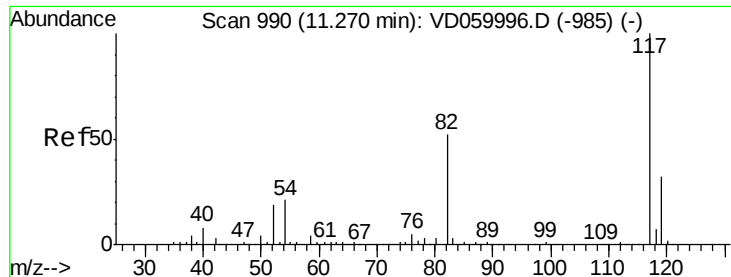
Ion 173.90 (173.60 to 174.60): VD060047.D (-1086) (-)

Ion 175.90 (175.60 to 176.60): VD060047.D (-1086) (-)

12.43

Time-->

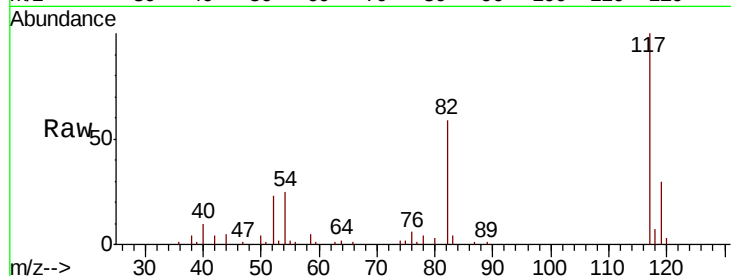




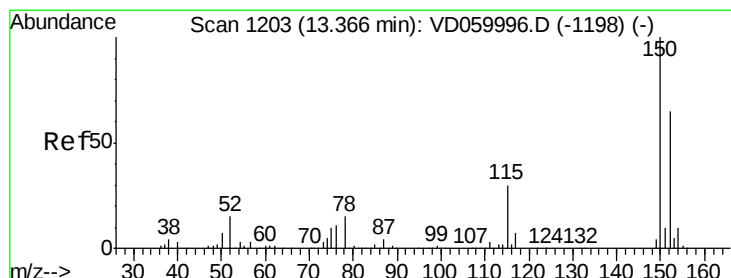
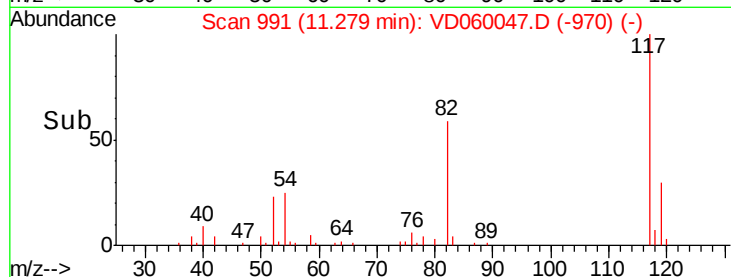
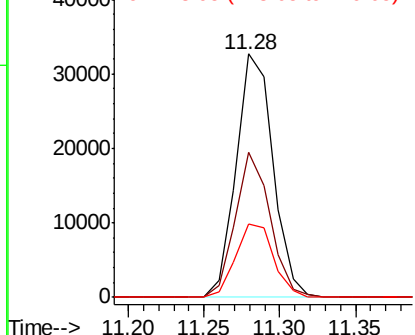
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.28 min Scan# 991
Delta R.T. 0.01 min
Lab File: VD060047.D
Acq: 19 Sep 2018 18:08

Instrument :
MSVOA_D
ClientSampleId :
SA-01-091918

Tot Ion:117 Resp: 55316
Ion Ratio Lower Upper
117 100
82 59.4 41.7 62.5
119 29.9 26.0 39.0

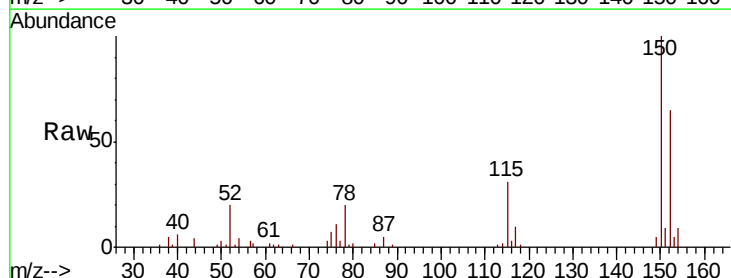


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. 0.01 min
Lab File: VD060047.D
Acq: 19 Sep 2018 18:08

Tgt Ion:152 Resp: 32704
Ion Ratio Lower Upper
152 100
115 47.9 24.6 73.8
150 155.0 0.0 313.4



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

