

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060062.D
 Acq On : 20 Sep 2018 21:54
 Operator : VA/AP
 Sample : J5017-10
 Misc : 5.07/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-WW-062

Quant Time: Sep 21 01:58:22 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	6.38	168	1007374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	1383137	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	942124	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	338573	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	347909	44.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.58%	
35) Dibromofluoromethane	6.30	113	472531	43.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.46%	
50) Toluene-d8	9.43	98	1143277	38.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.36%	
62) 4-Bromofluorobenzene	12.42	95	345734	30.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.44%	

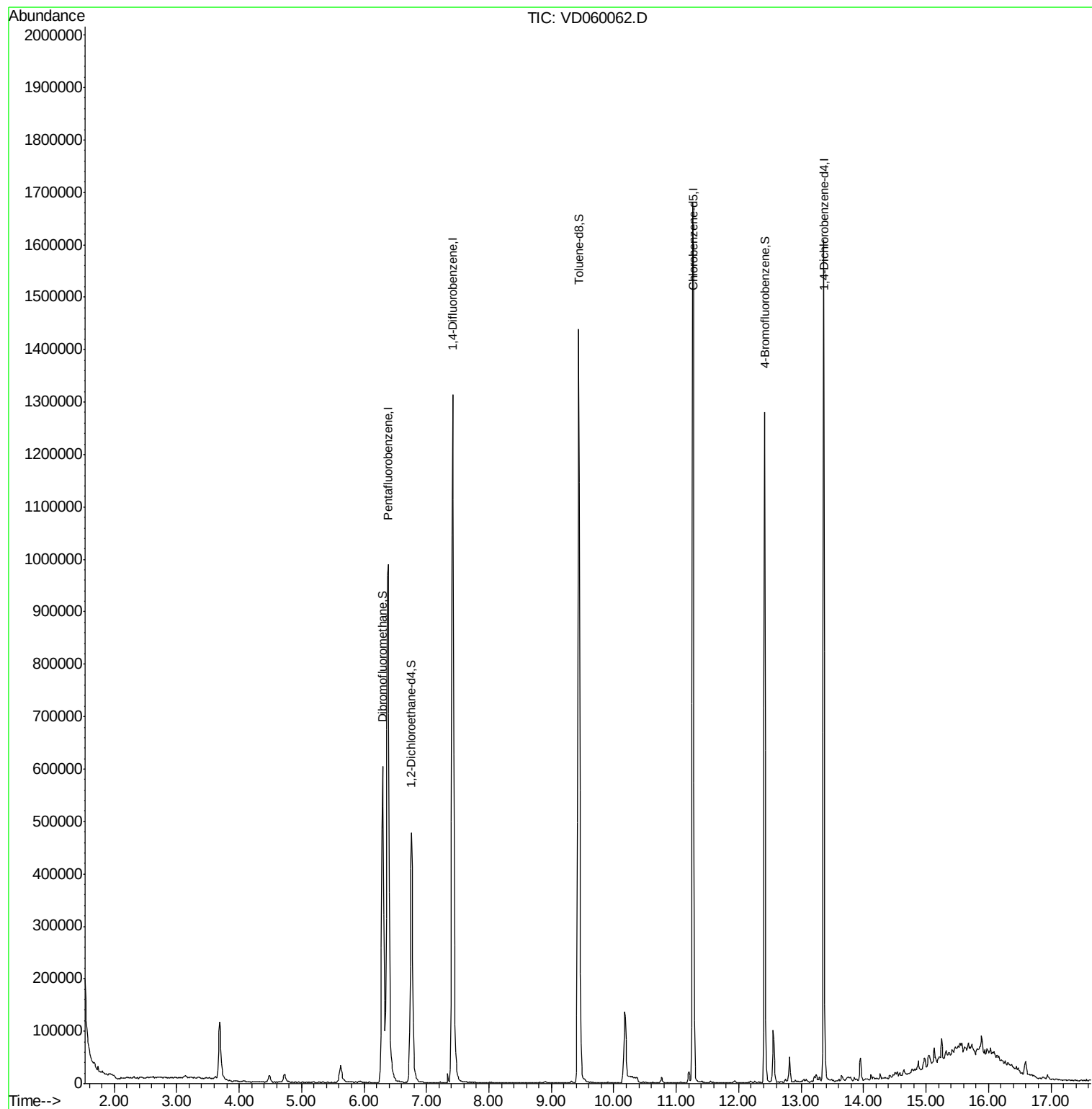
Target Compounds	Qvalue

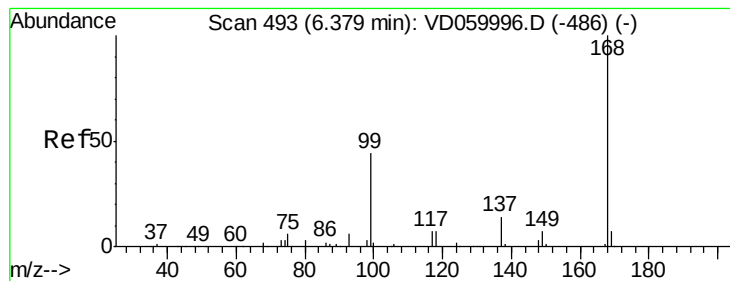
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.00 min

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MSVOA_D

ClientSampleId :

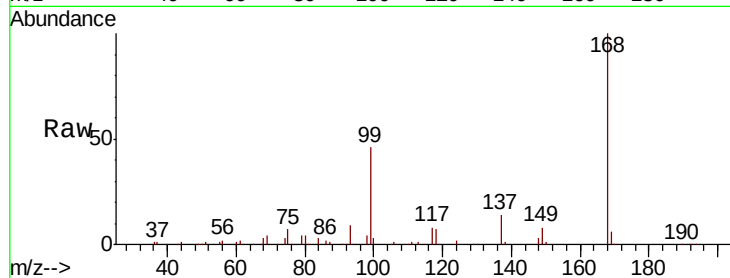
RA-091918-N-WW-062

Tot Ion:168 Resp: 1007374

Ion Ratio Lower Upper

168 100

99 45.7 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.38

400000

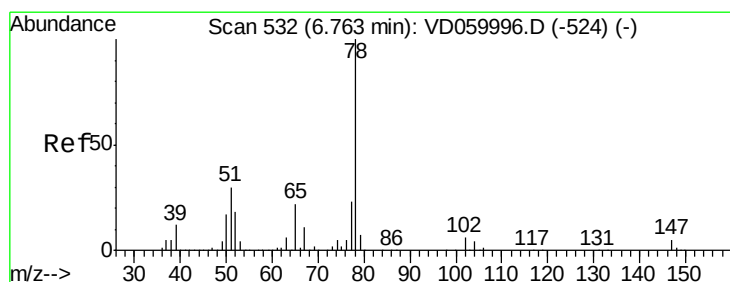
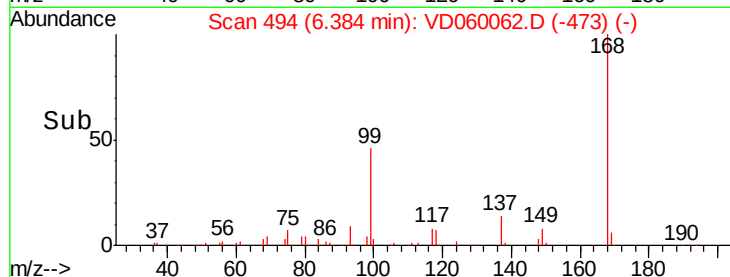
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060062.D

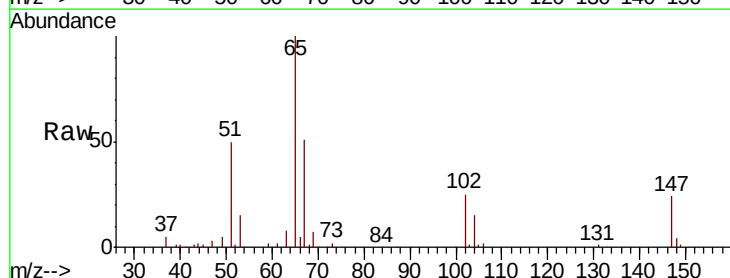
Acq: 20 Sep 2018 21:54

Tgt Ion: 65 Resp: 347909

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.76

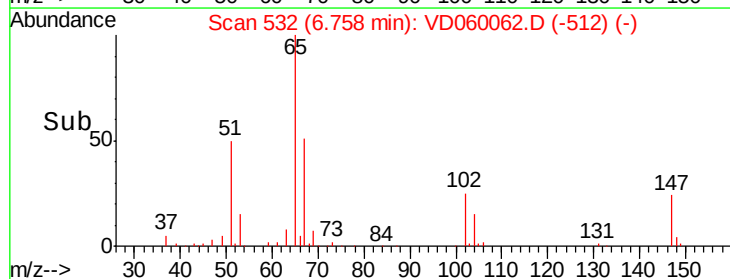
150000

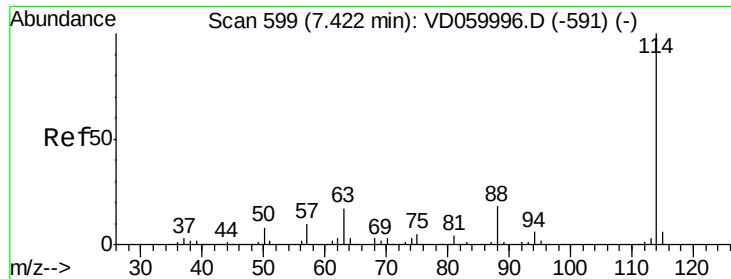
100000

50000

0

Time-->

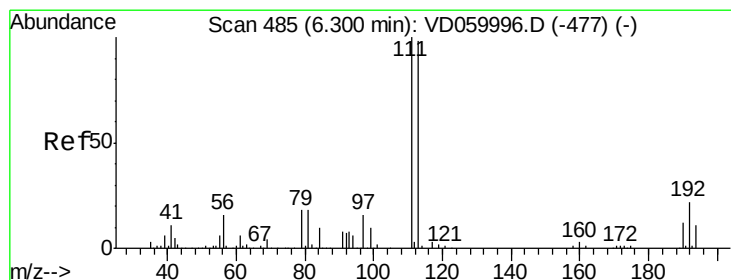
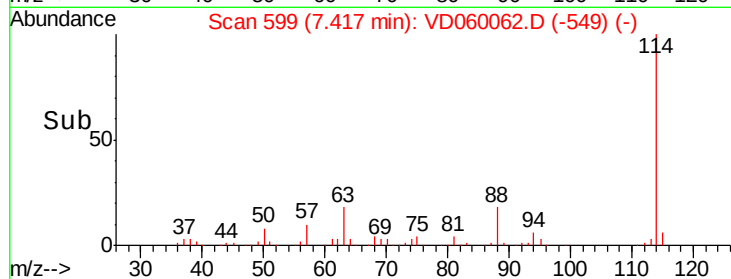
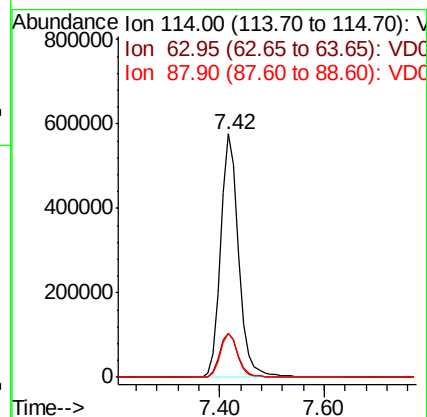
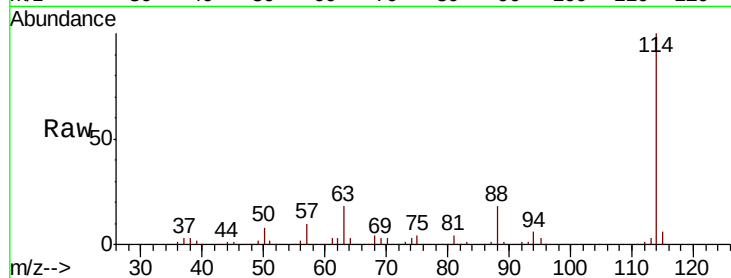




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060062.D
 Acq: 20 Sep 2018 21:54

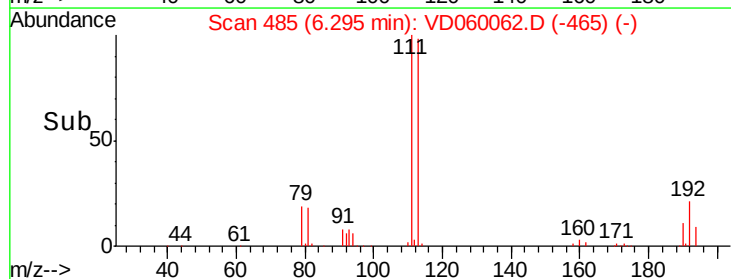
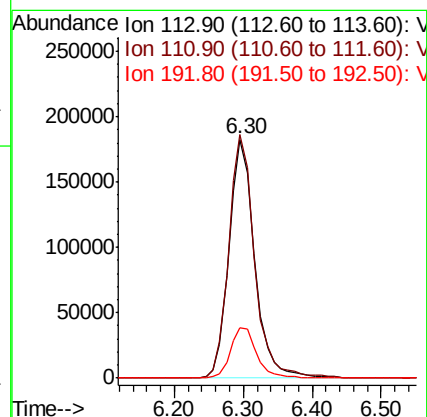
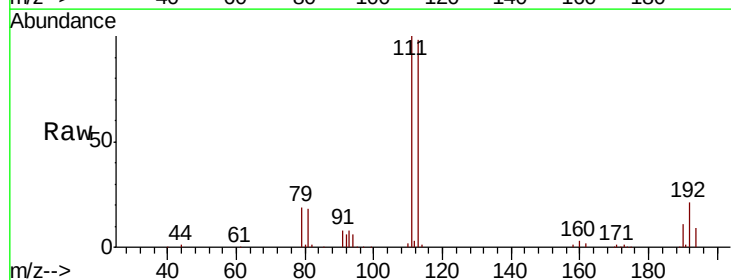
Instrument :
 MSVOA_D
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 RA-091918-N-WW-062

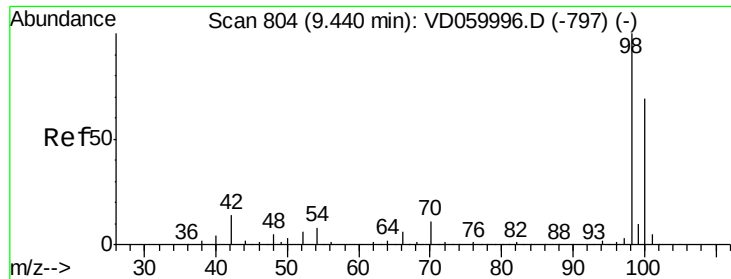
Tot Ion:114 Resp: 1383137
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 34.4
 88 18.0 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060062.D
 Acq: 20 Sep 2018 21:54

Tgt Ion:113 Resp: 472531
 Ion Ratio Lower Upper
 113 100
 111 101.8 81.3 121.9
 192 20.9 18.1 27.1

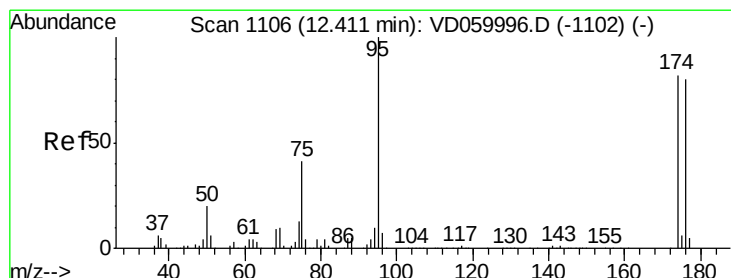
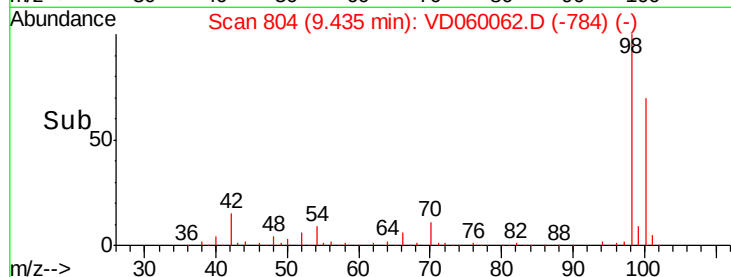
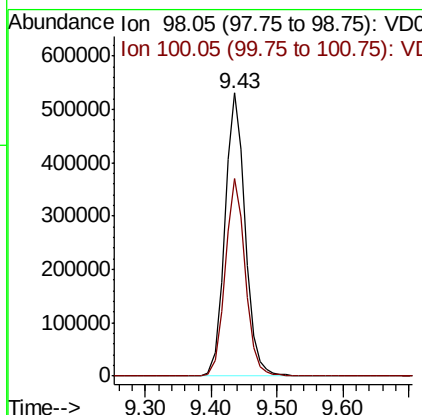
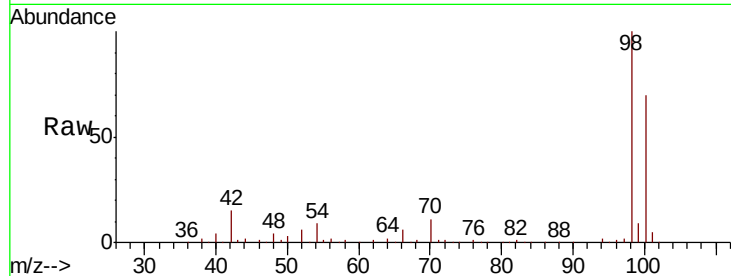




#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060062.D
Acq: 20 Sep 2018 21:54

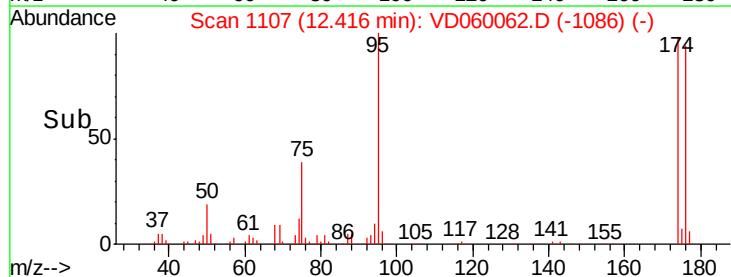
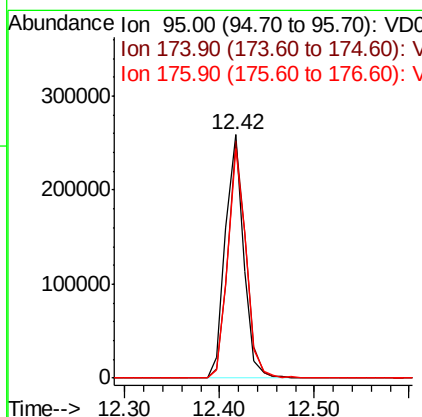
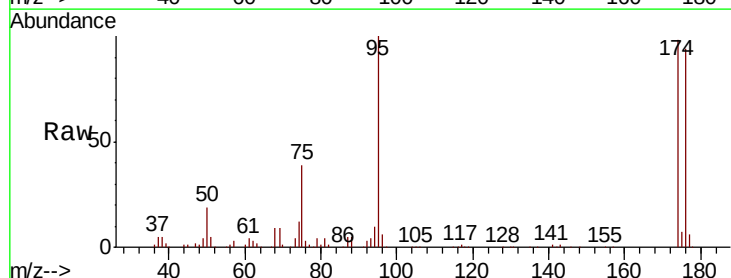
Instrument :
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ClientSampleId :
RA-091918-N-WW-062

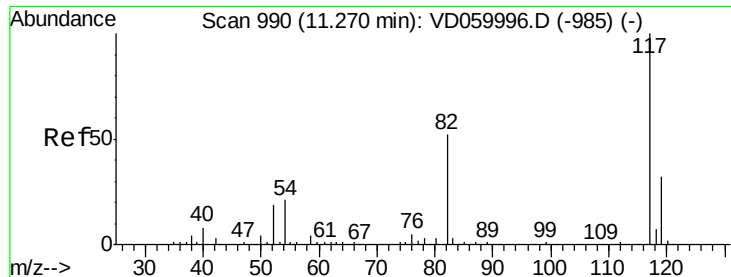
Tot Ion: 98 Resp: 1143277
Ion Ratio Lower Upper
98 100
100 69.8 55.8 83.6



#62
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060062.D
Acq: 20 Sep 2018 21:54

Tgt Ion: 95 Resp: 345734
Ion Ratio Lower Upper
95 100
174 97.6 0.0 165.0
176 94.4 0.0 160.2

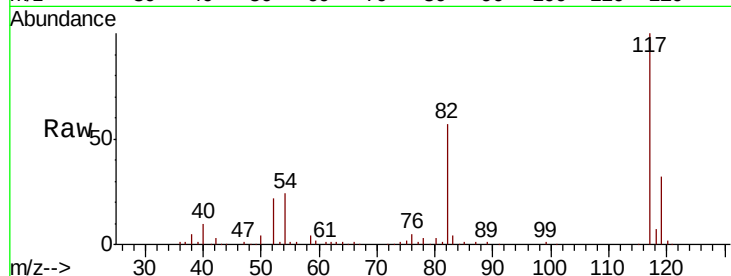




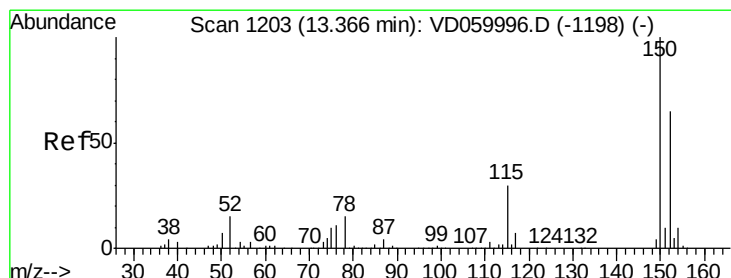
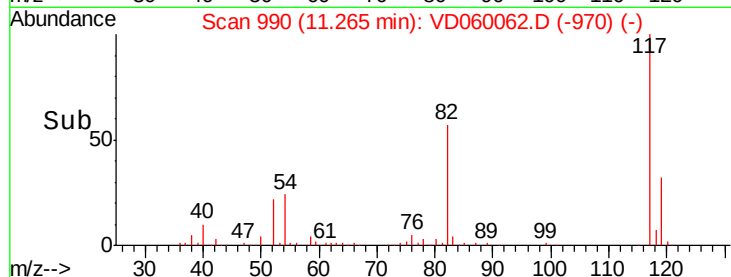
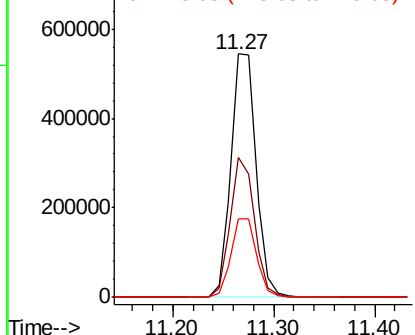
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060062.D
Acq: 20 Sep 2018 21:54

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-WW-062

Tot Ion:117 Resp: 942124
Ion Ratio Lower Upper
117 100
82 57.5 41.7 62.5
119 32.0 26.0 39.0

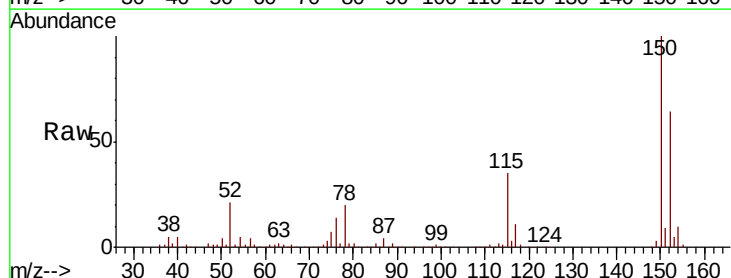


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060062.D
Acq: 20 Sep 2018 21:54

Tgt Ion:152 Resp: 338573
Ion Ratio Lower Upper
152 100
115 53.8 24.6 73.8
150 155.6 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

