

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091718\
 Data File : VD060025.D
 Acq On : 17 Sep 2018 17:02
 Operator : JC/SY
 Sample : J4773-07RE
 Misc : 6.52g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

Quant Time: Sep 18 05:11:46 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

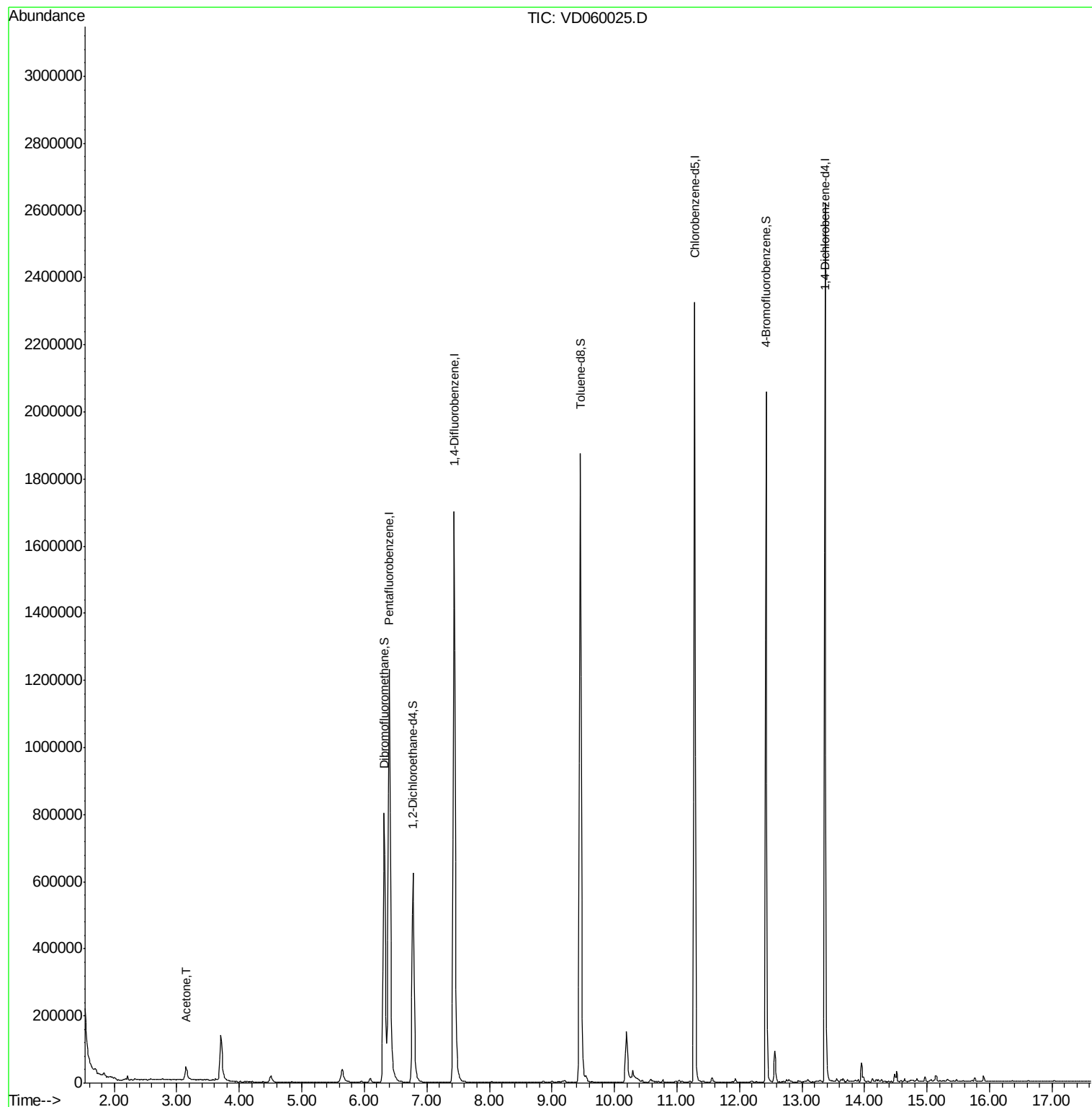
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	1227844	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.44	114	1728085	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.29	117	1339626	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.37	152	571500	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.78	65	505972	52.84	ug/l	0.02
Spiked Amount 50.000			Recovery	=	105.68%	
35) Dibromofluoromethane	6.32	113	611665	45.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	90.62%	
50) Toluene-d8	9.45	98	1522566	40.69	ug/l	0.02
Spiked Amount 50.000			Recovery	=	81.38%	
62) 4-Bromofluorobenzene	12.43	95	562054	39.32	ug/l	0.02
Spiked Amount 50.000			Recovery	=	78.64%	
Target Compounds						
16) Acetone	3.15	43	77994	42.19	ug/l	Qvalue 100

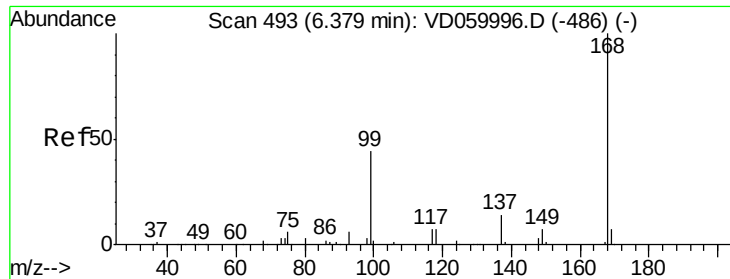
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.40 min Scan# 496

Delta R.T. 0.03 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

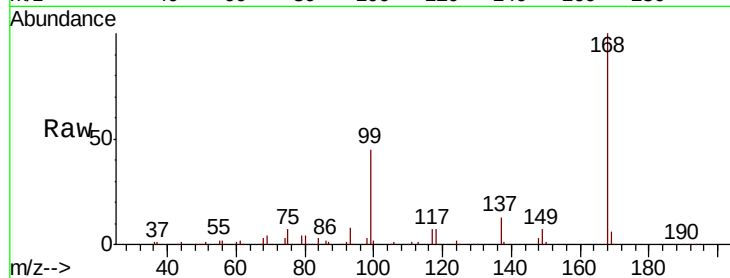
Instrument :
MSVOA_D
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CL-01-091418-DRE

Tot Ion:168 Resp: 1227844

Ion Ratio Lower Upper

168 100

99 44.8 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

500000

400000

300000

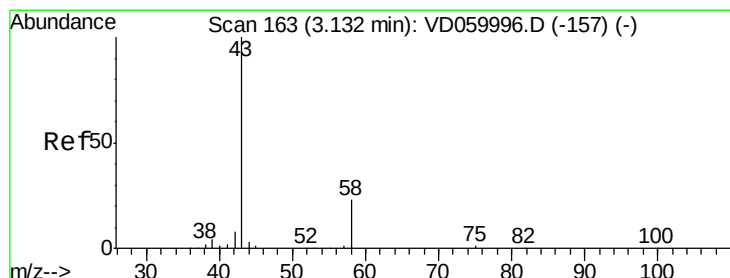
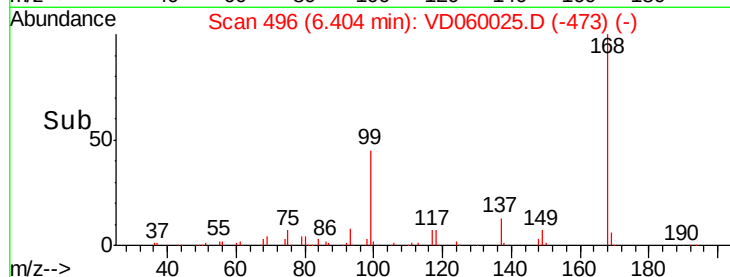
200000

100000

0

Time-->

6.30 6.40 6.50 6.60



#16

Acetone

Concen: 42.19 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.02 min

Lab File: VD060025.D

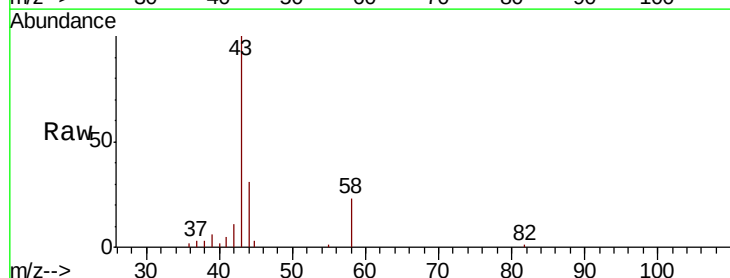
Acq: 17 Sep 2018 17:02

Tgt Ion: 43 Resp: 77994

Ion Ratio Lower Upper

43 100

58 22.5 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

30000

25000

20000

15000

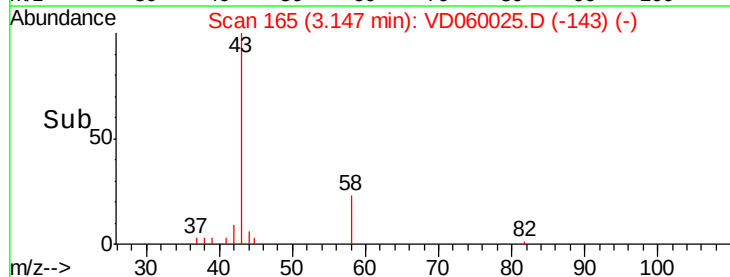
10000

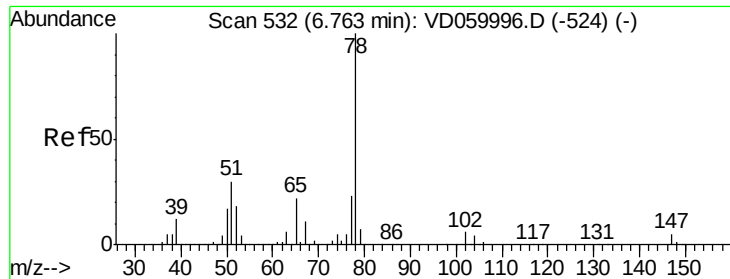
5000

0

Time-->

3.00 3.10 3.20 3.30

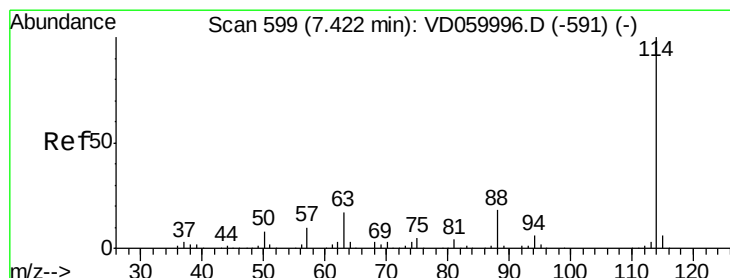
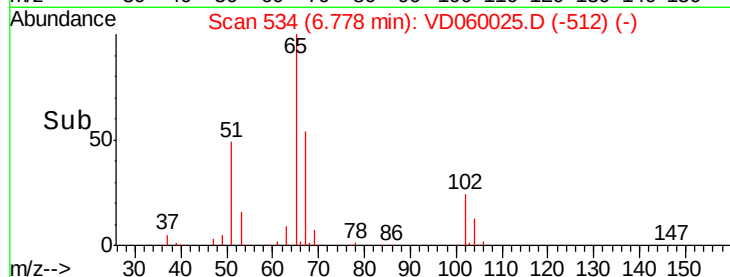
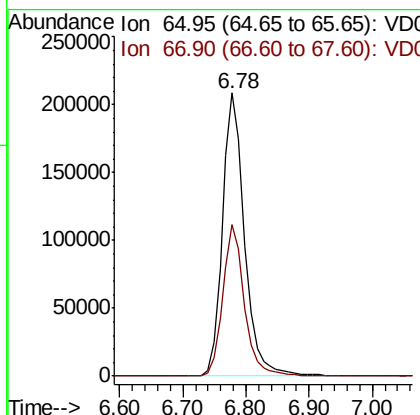
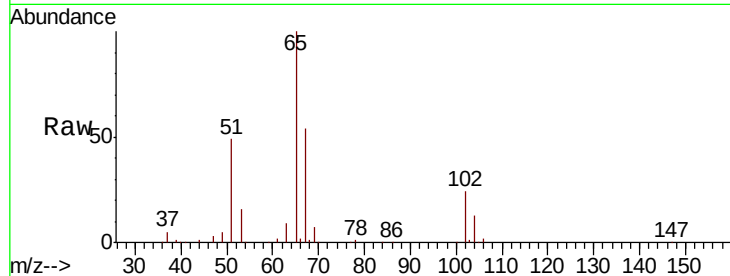




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 6.78 min Scan# 534
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

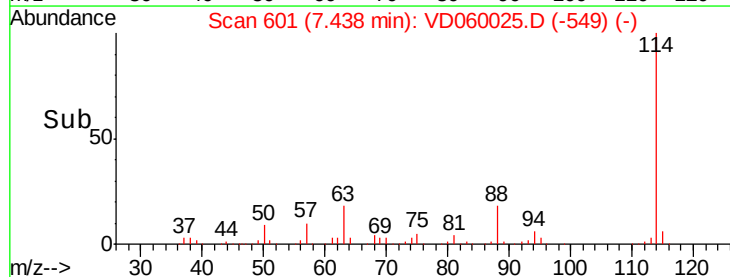
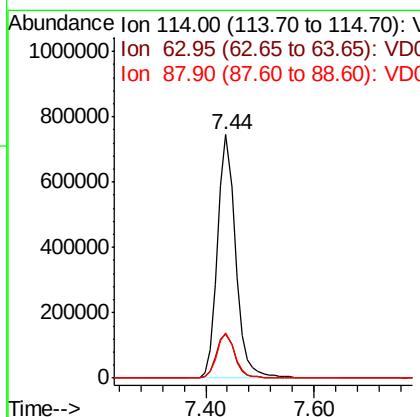
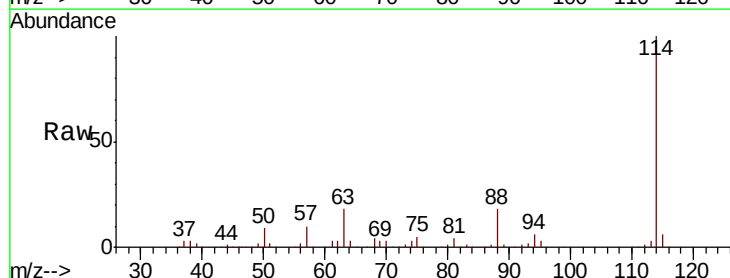
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

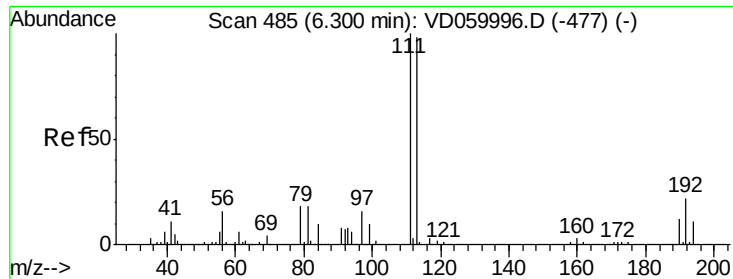
Tot Ion: 65 Resp: 505972
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 7.44 min Scan# 601
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

Tgt Ion: 114 Resp: 1728085
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 34.4
 88 18.4 0.0 35.8

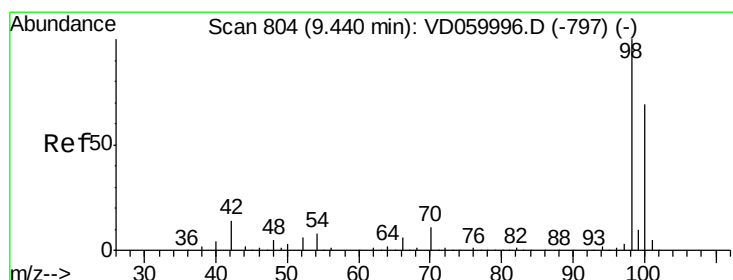
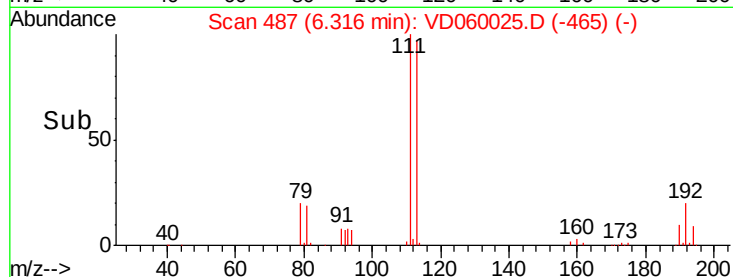
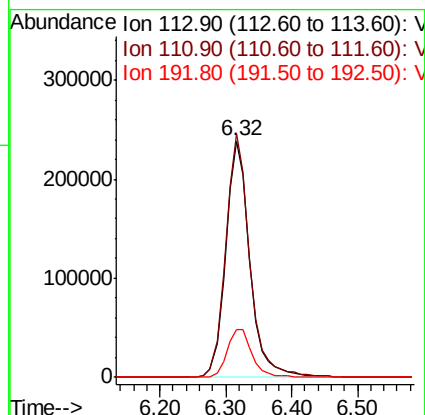
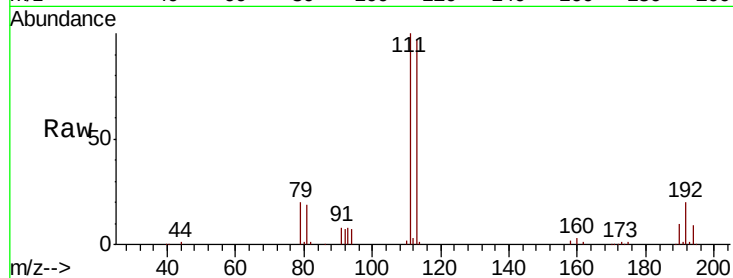




#35
 Dibromofluoromethane
 Concen: 50.00 ug/l
 RT: 6.32 min Scan# 487
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

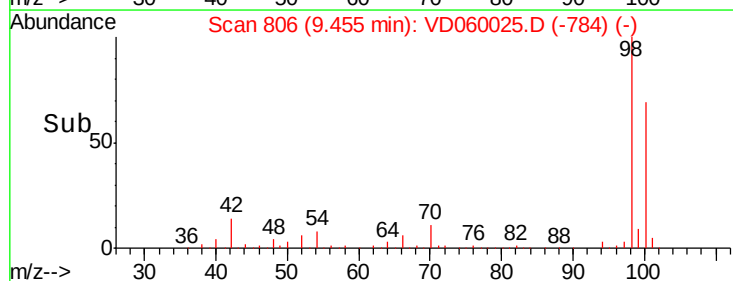
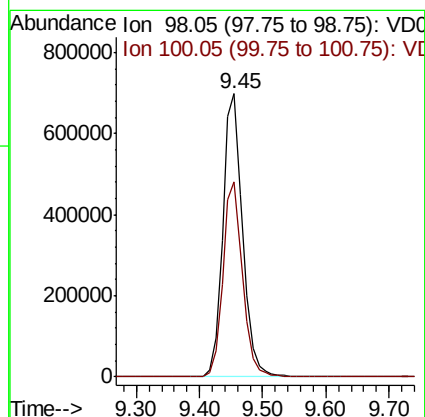
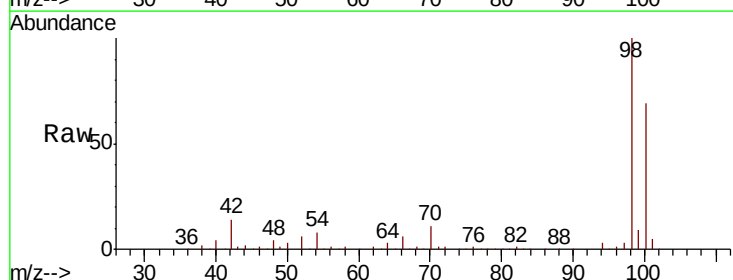
Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

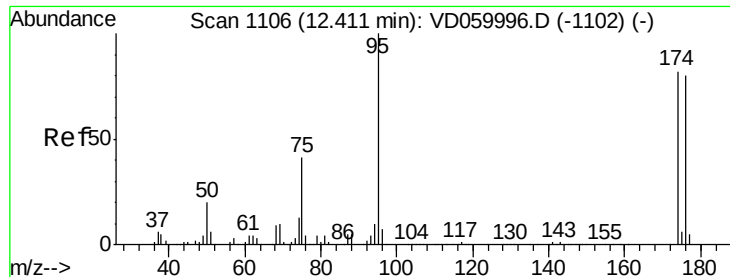
Tot Ion:113 Resp: 611665
 Ion Ratio Lower Upper
 113 100
 111 103.0 81.3 121.9
 192 20.4 18.1 27.1



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.45 min Scan# 806
 Delta R.T. 0.02 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

Tgt Ion: 98 Resp: 1522566
 Ion Ratio Lower Upper
 98 100
 100 68.7 55.8 83.6





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. 0.02 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

Instrument :

MSVOA_D

ClientSampleId :

CL-01-091418-DRE

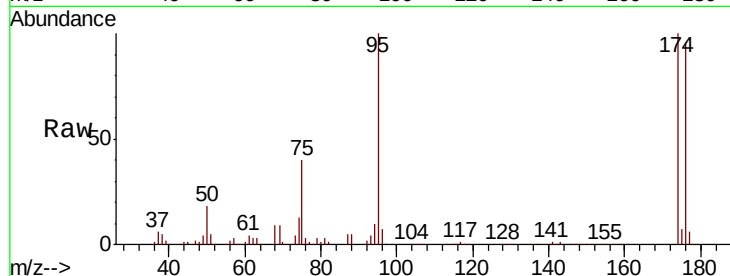
Tot Ion: 95 Resp: 562054

Ion Ratio Lower Upper

95 100

174 100.3 0.0 165.0

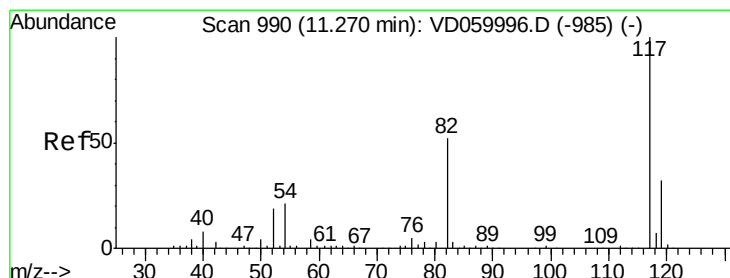
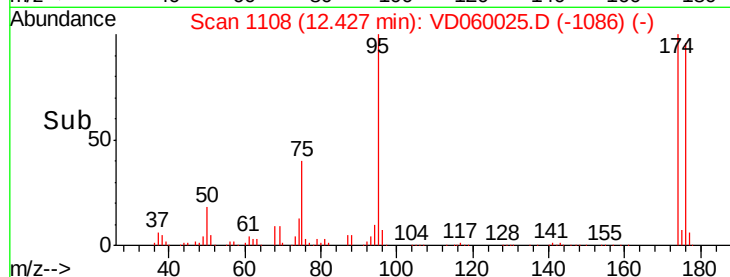
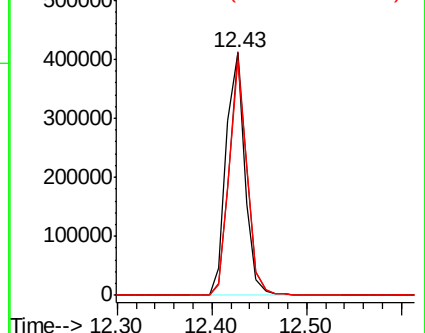
176 96.6 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.29 min Scan# 992

Delta R.T. 0.02 min

Lab File: VD060025.D

Acq: 17 Sep 2018 17:02

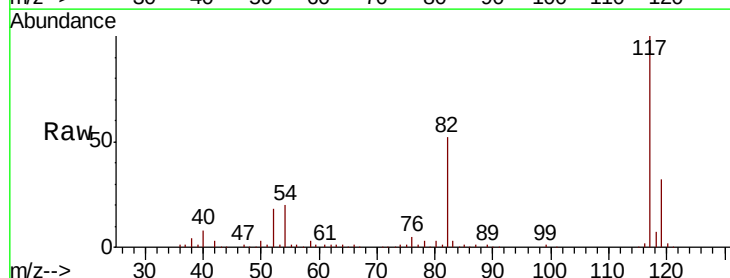
Tgt Ion: 117 Resp: 1339626

Ion Ratio Lower Upper

117 100

82 51.8 41.7 62.5

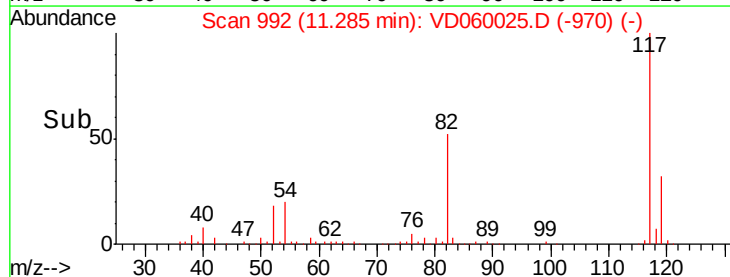
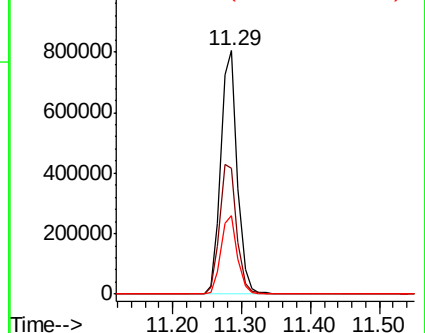
119 32.3 26.0 39.0

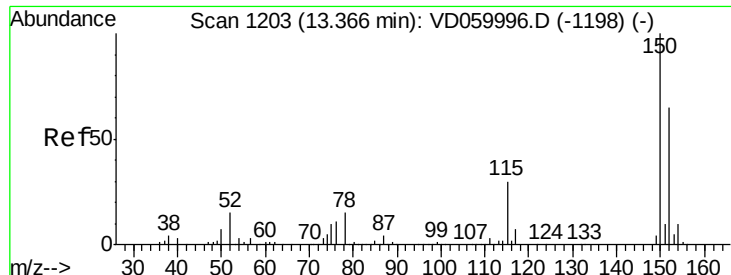


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

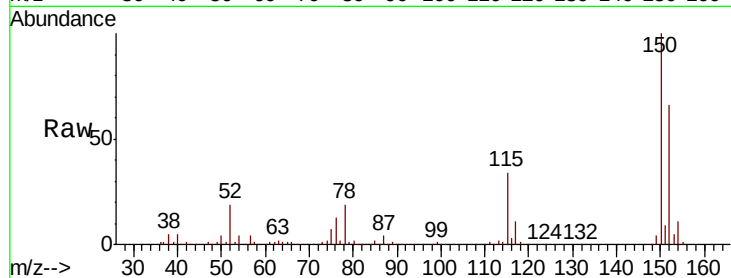




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.37 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: VD060025.D
 Acq: 17 Sep 2018 17:02

Instrument :
 MSVOA_D
 ClientSampleId :
 CL-01-091418-DRE

Tot Ion	Ratio	Lower	Upper
152	100		
115	51.7	24.6	73.8
150	152.5	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

