

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD091418\
 Data File : VD060008.D
 Acq On : 14 Sep 2018 14:18
 Operator : JC/SY
 Sample : J4873-01RE
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NF-CON-1RE

Quant Time: Sep 14 15:23:58 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	6.39	168	1429130	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	2049312	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1673505	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	865777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	494228	44.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.70%	
35) Dibromofluoromethane	6.30	113	30170	1.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	3.76%	
50) Toluene-d8	9.44	98	1702078	38.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.72%	
62) 4-Bromofluorobenzene	12.43	95	656524	38.73	ug/l	0.01
Spiked Amount	50.000		Recovery	=	77.46%	

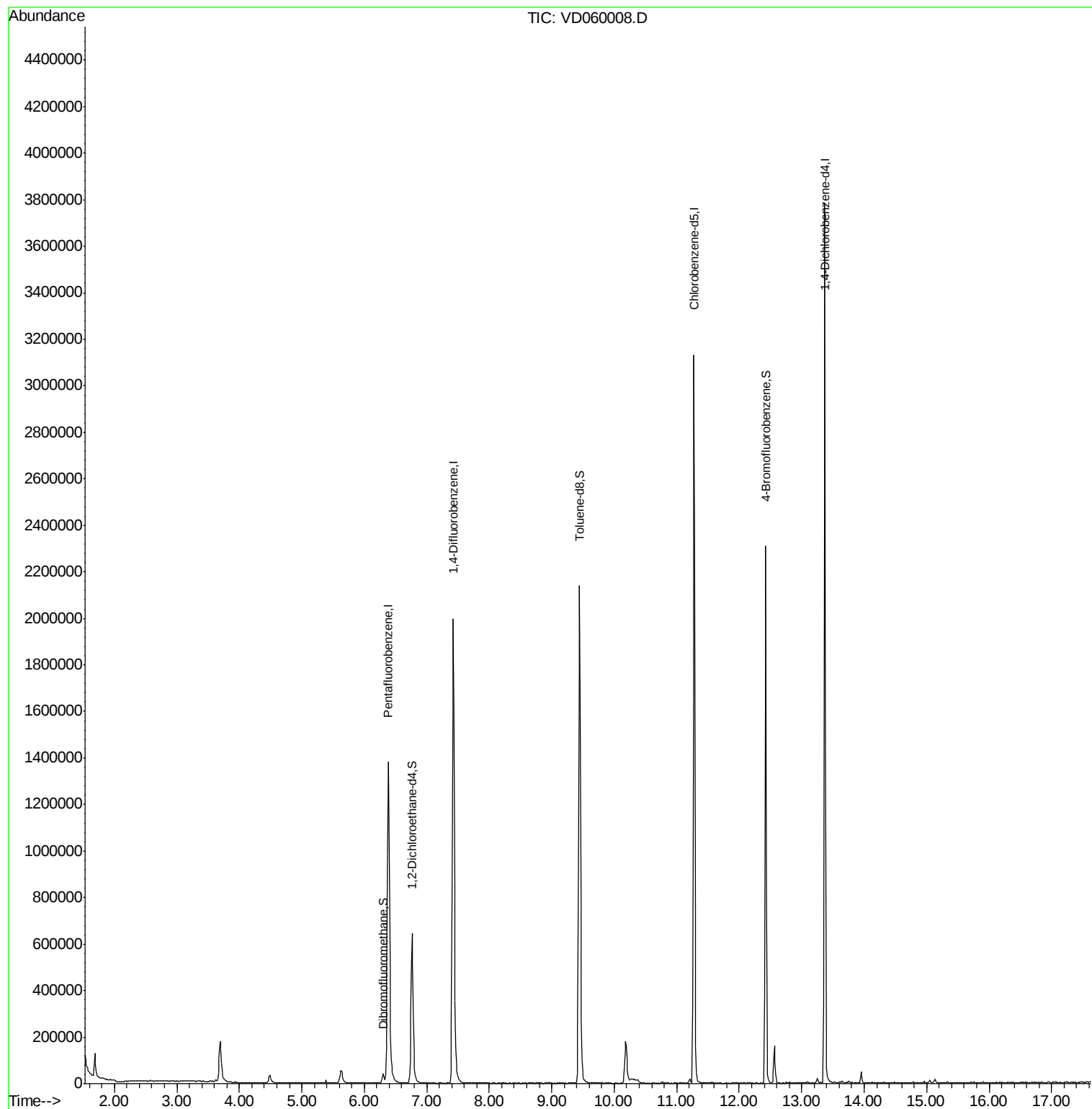
Target Compounds	Qvalue

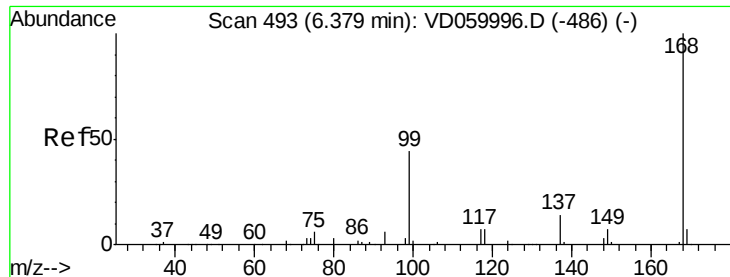
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060008.D

Acq: 14 Sep 2018 14:18

Instrument :

MSVOA_D

ClientSampleId :

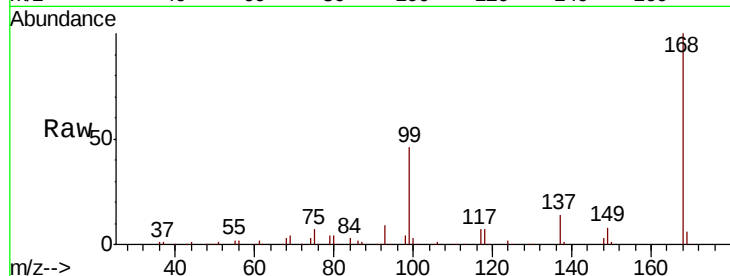
NF-CON-1RE

Tot Ion:168 Resp: 1429130

Ion Ratio Lower Upper

168 100

99 46.2 38.5 57.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

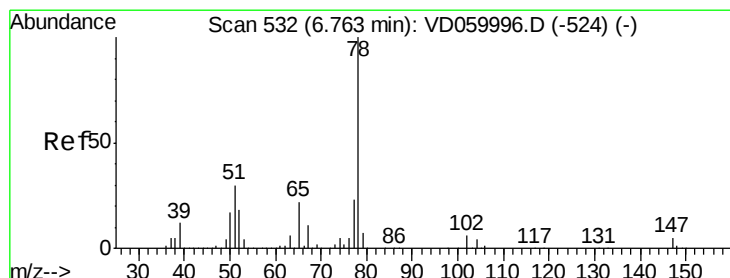
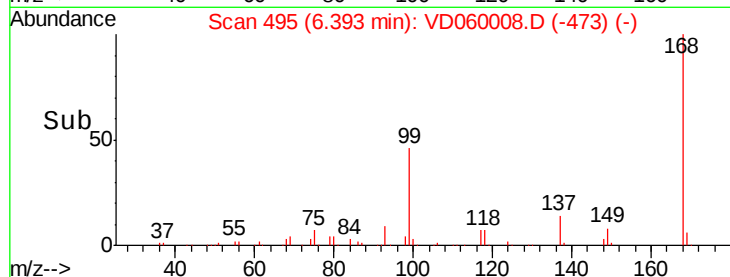
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.77 min Scan# 533

Delta R.T. 0.00 min

Lab File: VD060008.D

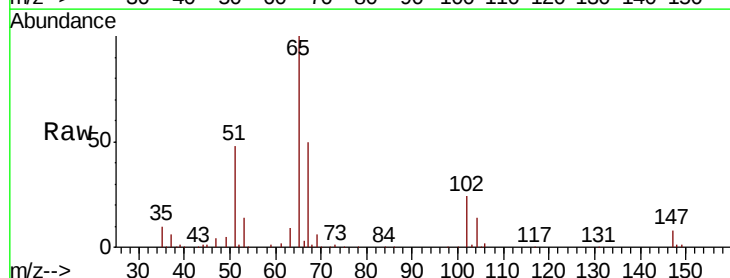
Acq: 14 Sep 2018 14:18

Tgt Ion: 65 Resp: 494228

Ion Ratio Lower Upper

65 100

67 49.9 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.77

200000

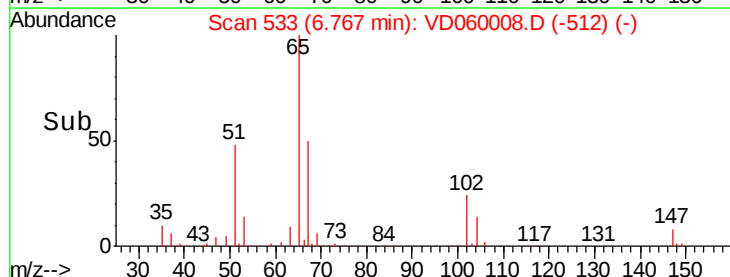
150000

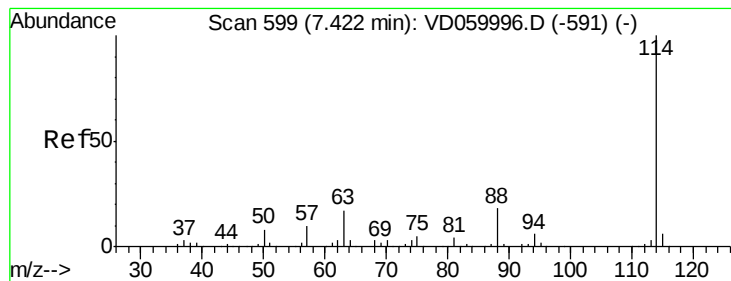
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 7.43 min Scan# 600

Delta R.T. 0.00 min

Lab File: VD060008.D

Acq: 14 Sep 2018 14:18

Instrument :

MSVOA_D

ClientSampleId :

NF-CON-1RE

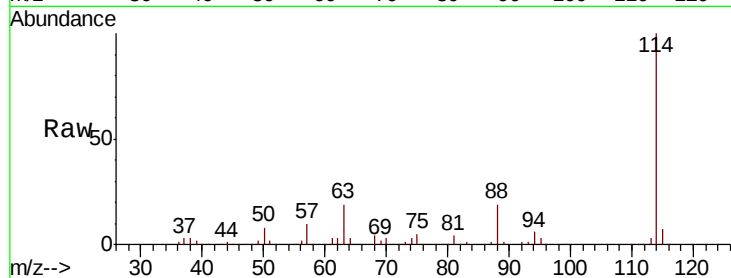
Tot Ion:114 Resp: 2049312

Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.4

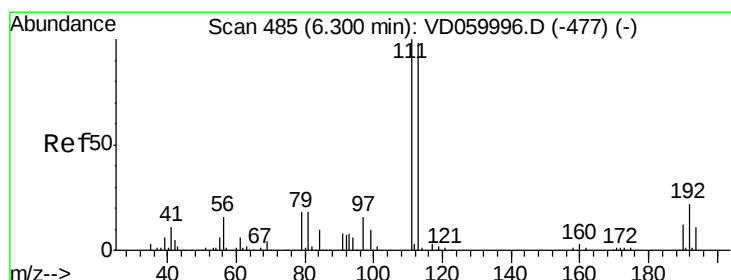
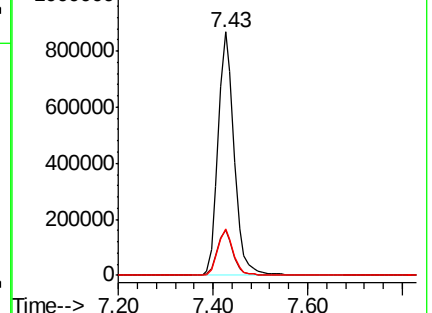
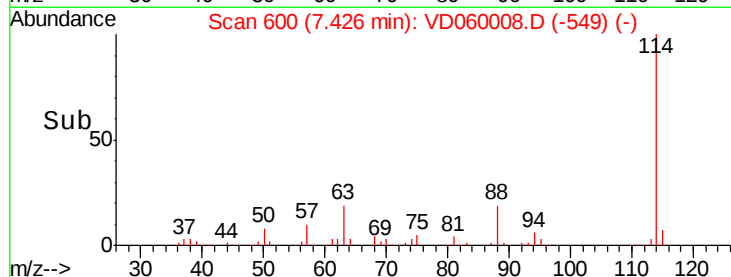
88 18.9 0.0 35.8



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: 50.00 ug/l

RT: 6.30 min Scan# 486

Delta R.T. 0.00 min

Lab File: VD060008.D

Acq: 14 Sep 2018 14:18

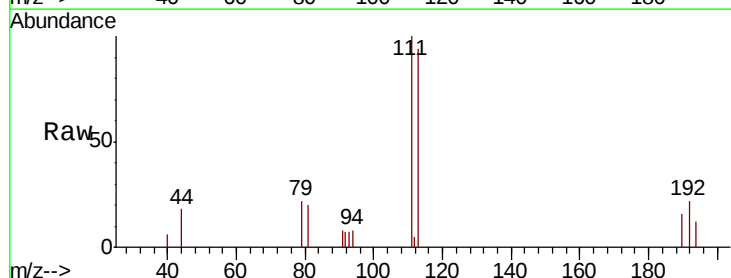
Tgt Ion:113 Resp: 30170

Ion Ratio Lower Upper

113 100

111 106.2 81.3 121.9

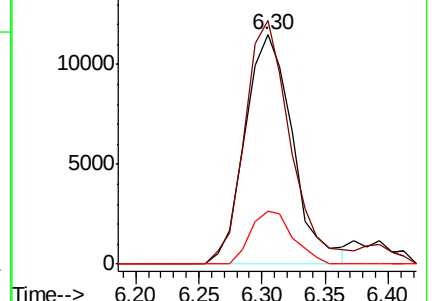
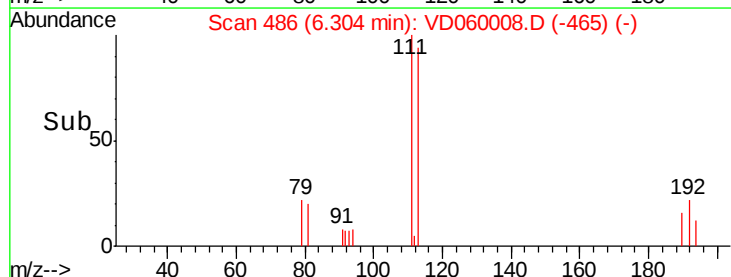
192 23.1 18.1 27.1

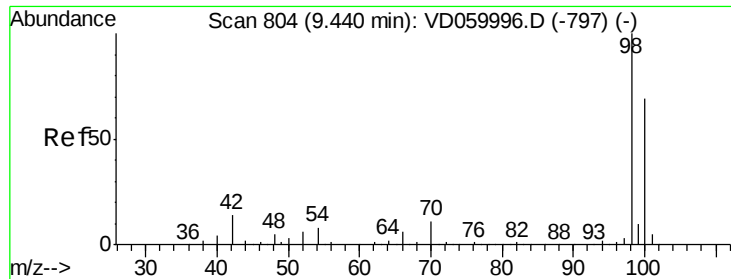


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

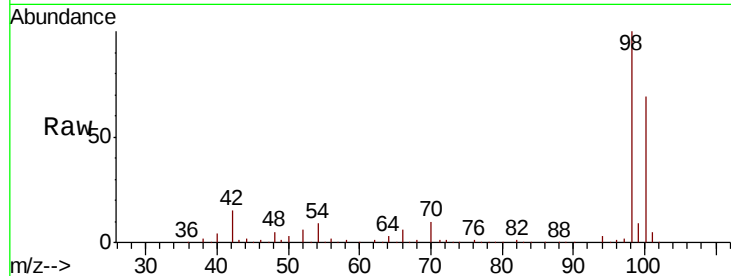




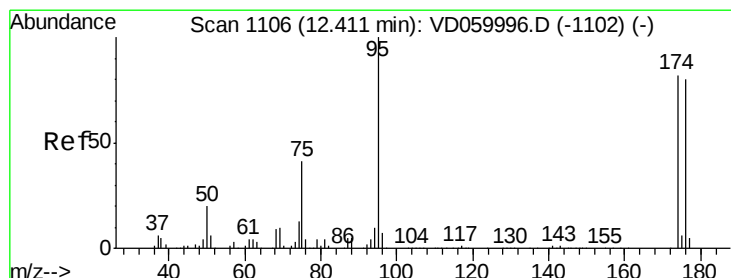
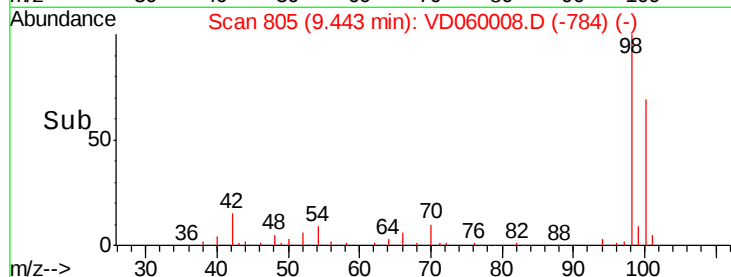
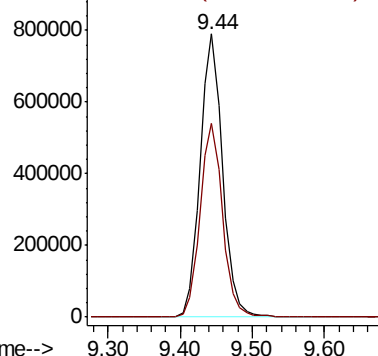
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.00 min
Lab File: VD060008.D
Acq: 14 Sep 2018 14:18

Instrument :
MSVOA_D
ClientSampleId :
NF-CON-1RE

Tot Ion: 98 Resp: 1702078
Ion Ratio Lower Upper
98 100
100 68.6 55.8 83.6

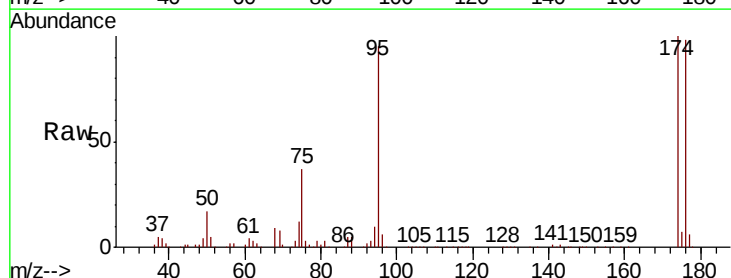


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

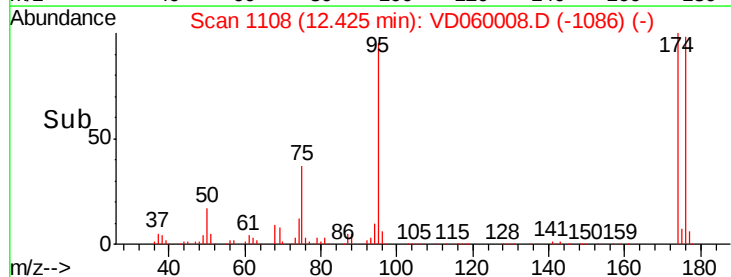
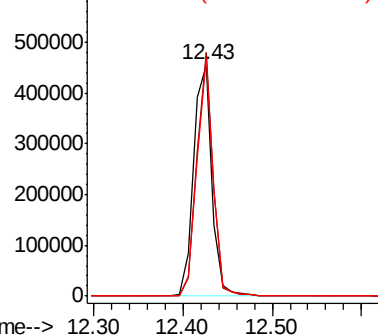


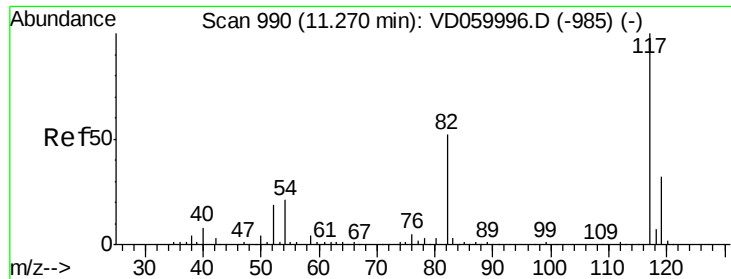
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060008.D
Acq: 14 Sep 2018 14:18

Tgt Ion: 95 Resp: 656524
Ion Ratio Lower Upper
95 100
174 105.4 0.0 165.0
176 103.4 0.0 160.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

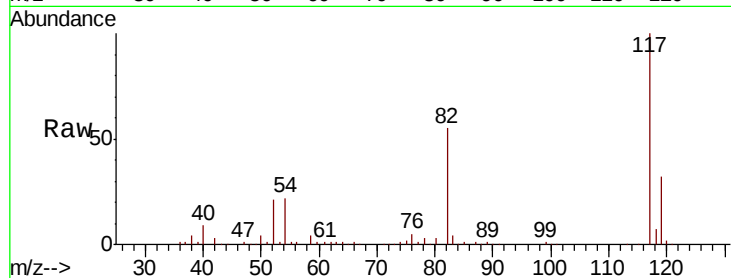




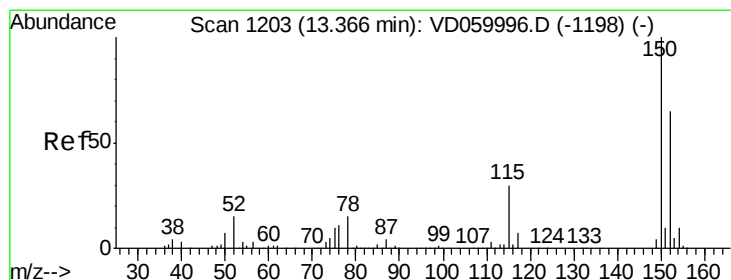
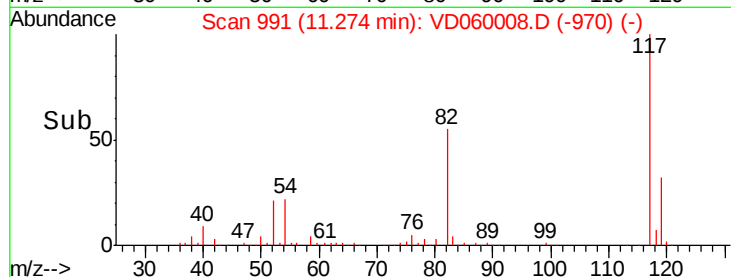
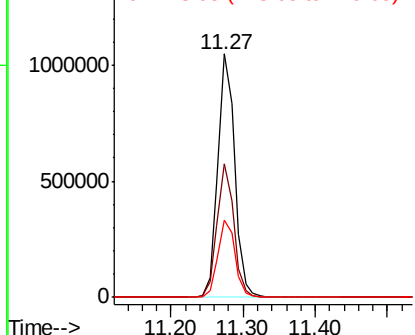
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060008.D
Acq: 14 Sep 2018 14:18

Instrument :
MSVOA_D
ClientSampleId :
NF-CON-1RE

Tot Ion:117 Resp: 1673505
Ion Ratio Lower Upper
117 100
82 55.0 41.7 62.5
119 31.9 26.0 39.0

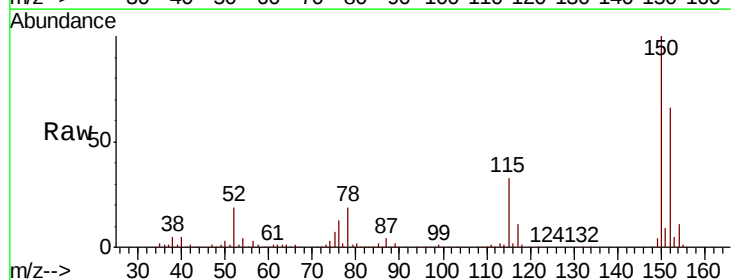


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.37 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VD060008.D
Acq: 14 Sep 2018 14:18

Tgt Ion:152 Resp: 865777
Ion Ratio Lower Upper
152 100
115 50.2 24.6 73.8
150 152.4 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

