

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060056.D
 Acq On : 20 Sep 2018 19:04
 Operator : VA/AP
 Sample : J5017-04
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-SW-058

Quant Time: Sep 21 01:22:38 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	18964	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	31775	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	26999	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	13042	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	9482	64.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	128.24%	
35) Dibromofluoromethane	6.30	113	9974	40.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.36%	
50) Toluene-d8	9.44	98	24395	35.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.92%	
62) 4-Bromofluorobenzene	12.42	95	9319	35.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.90%	

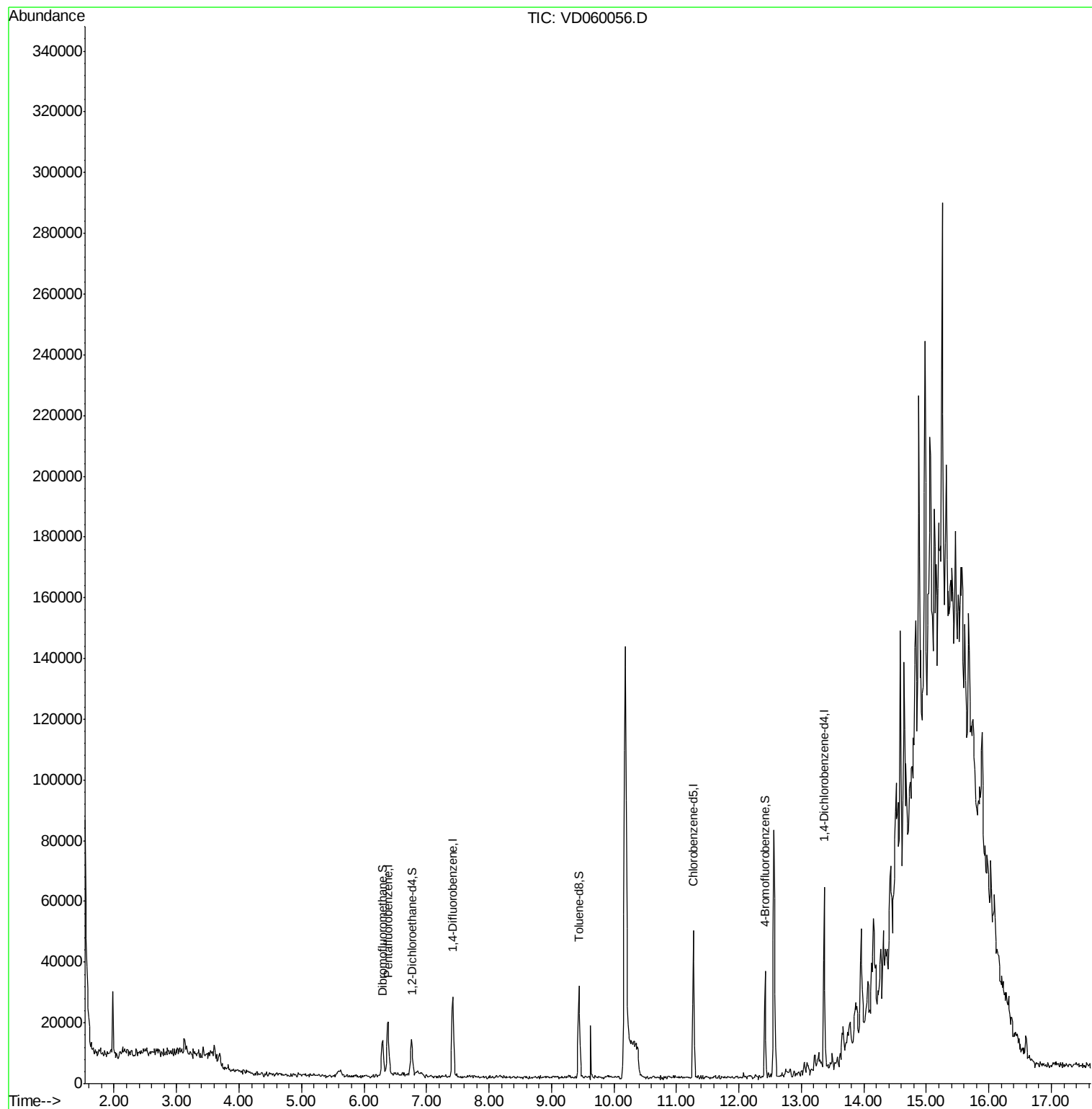
Target Compounds	Qvalue

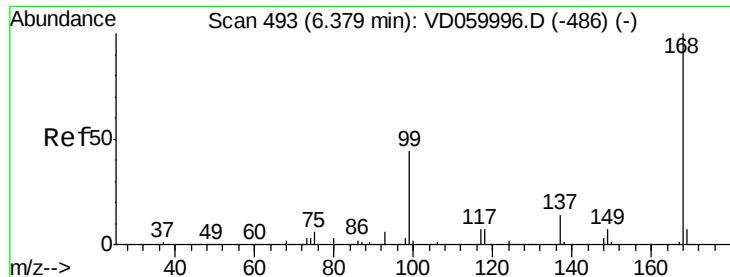
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 493

Delta R.T. -0.00 min

Lab File: VD060056.D

Acq: 20 Sep 2018 19:04

Instrument :

MSVOA_D

ClientSampleId :

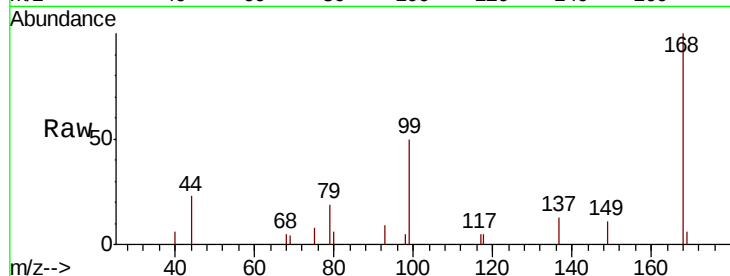
RA-091918-S-SW-058

Tot Ion:168 Resp: 18964

Ion Ratio Lower Upper

168 100

99 50.5 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

8000

6000

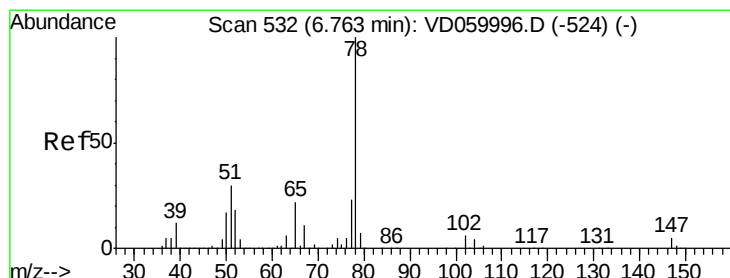
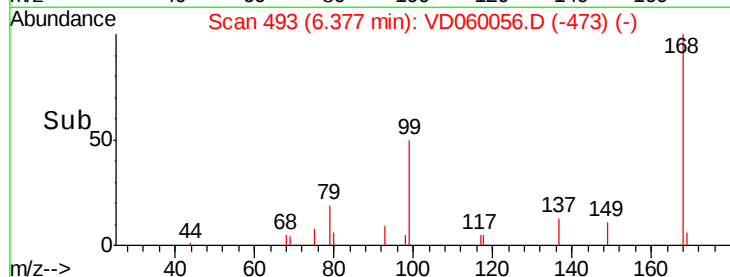
4000

2000

0

6.30 6.35 6.40 6.45 6.50

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.00 min

Lab File: VD060056.D

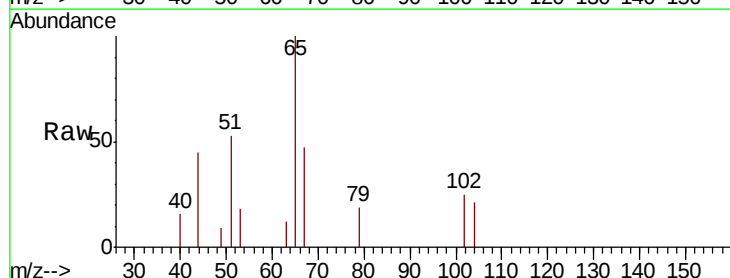
Acq: 20 Sep 2018 19:04

Tgt Ion: 65 Resp: 9482

Ion Ratio Lower Upper

65 100

67 47.4 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

4000

3000

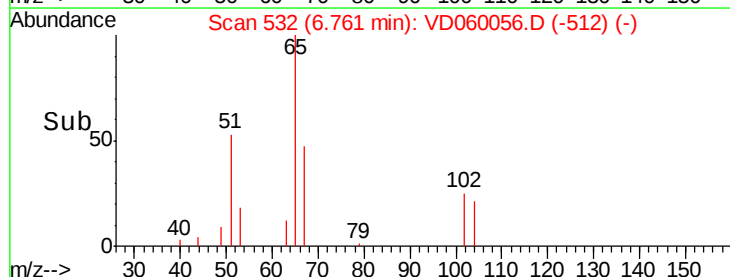
2000

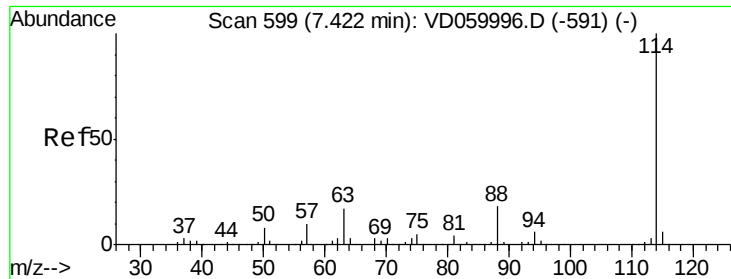
1000

0

6.70 6.75 6.80 6.85

Time-->

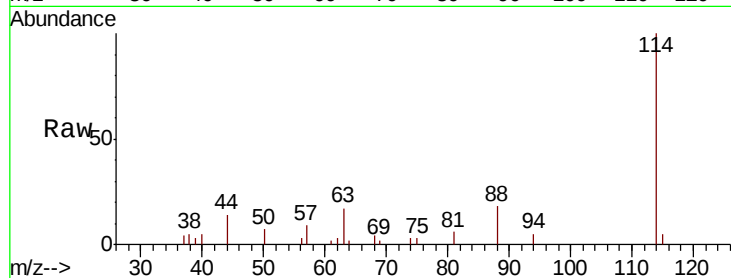




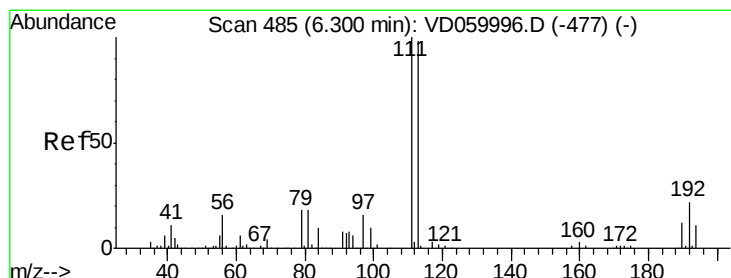
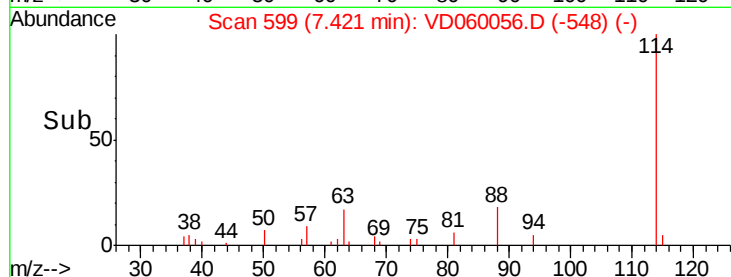
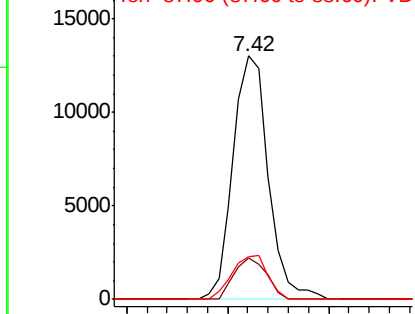
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.00 min
 Lab File: VD060056.D
 Acq: 20 Sep 2018 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-SW-058

Tot Ion:114 Resp: 31775
 Ion Ratio Lower Upper
 114 100
 63 17.2 0.0 34.4
 88 17.7 0.0 35.8

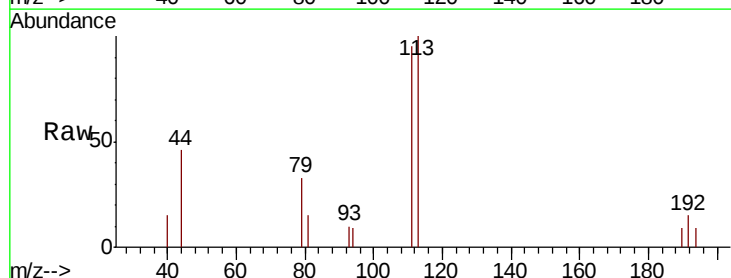


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

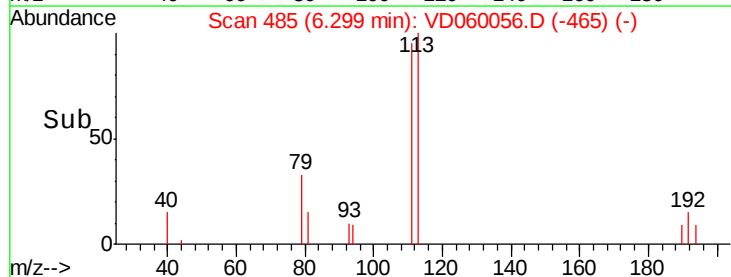
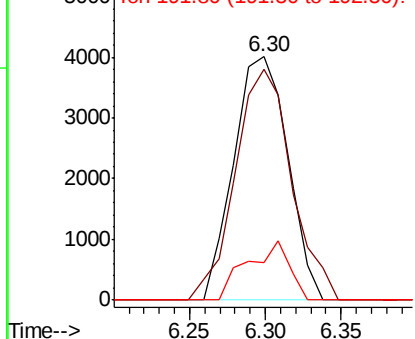


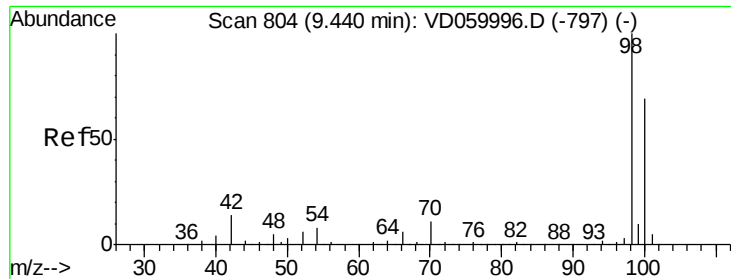
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 485
 Delta R.T. -0.00 min
 Lab File: VD060056.D
 Acq: 20 Sep 2018 19:04

Tgt Ion:113 Resp: 9974
 Ion Ratio Lower Upper
 113 100
 111 94.9 81.3 121.9
 192 15.2 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

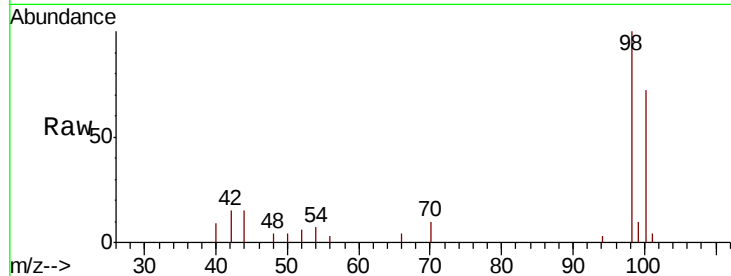




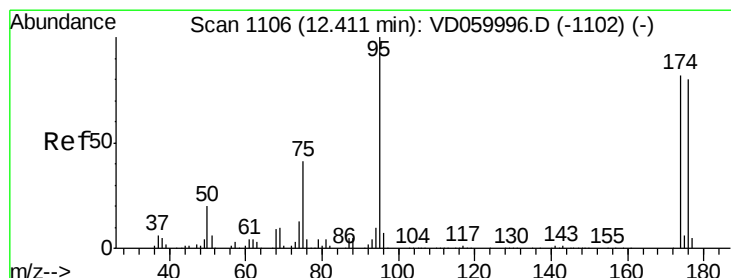
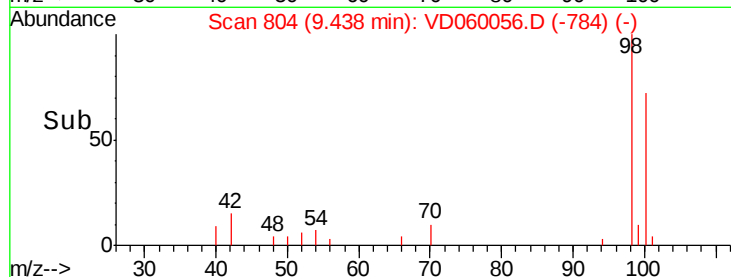
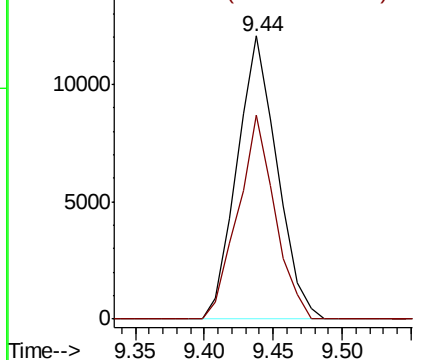
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.00 min
Lab File: VD060056.D
Acq: 20 Sep 2018 19:04

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

Tot Ion: 98 Resp: 24395
Ion Ratio Lower Upper
98 100
100 72.1 55.8 83.6

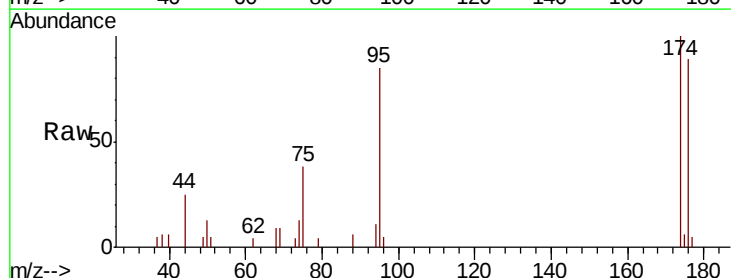


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

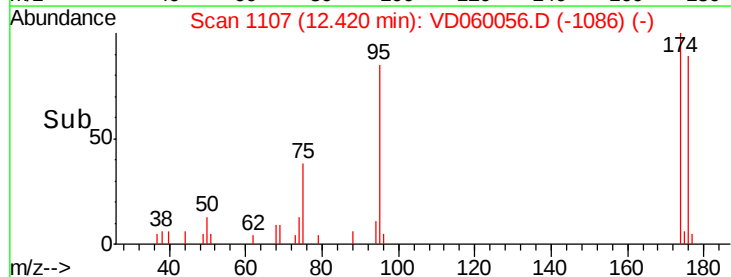
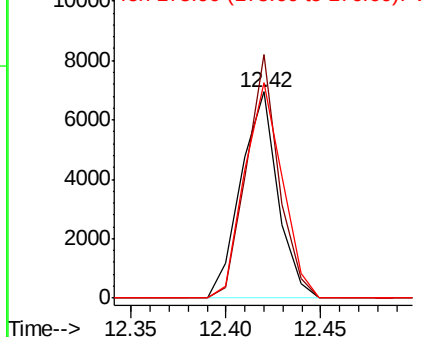


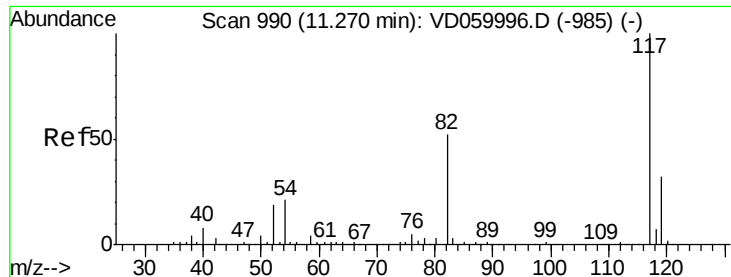
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.01 min
Lab File: VD060056.D
Acq: 20 Sep 2018 19:04

Tgt Ion: 95 Resp: 9319
Ion Ratio Lower Upper
95 100
174 118.2 0.0 165.0
176 104.8 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

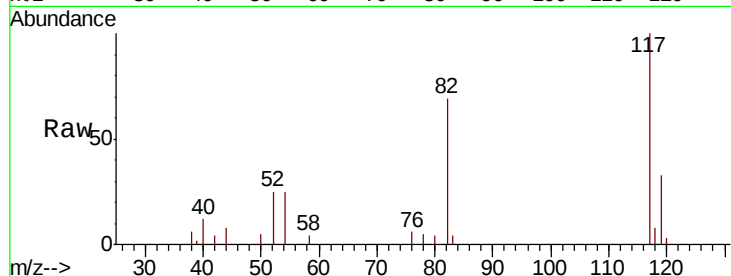




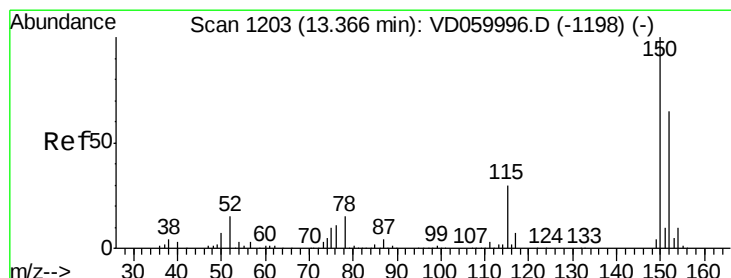
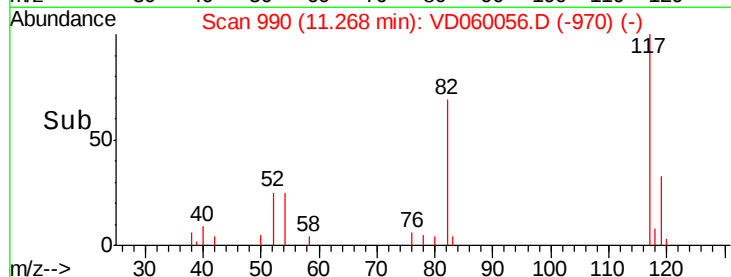
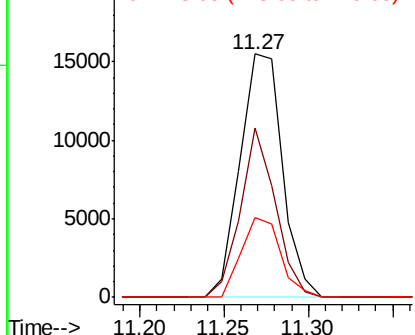
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 990
Delta R.T. -0.00 min
Lab File: VD060056.D
Acq: 20 Sep 2018 19:04

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-SW-058

Tot Ion:117 Resp: 26999
Ion Ratio Lower Upper
117 100
82 69.4 41.7 62.5#
119 32.9 26.0 39.0

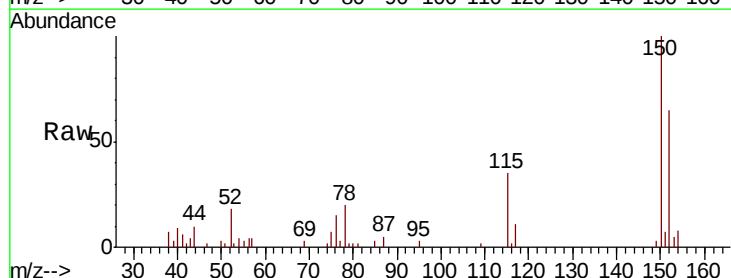


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.00 min
Lab File: VD060056.D
Acq: 20 Sep 2018 19:04

Tgt Ion:152 Resp: 13042
Ion Ratio Lower Upper
152 100
115 54.1 24.6 73.8
150 153.6 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

