

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060058.D
 Acq On : 20 Sep 2018 20:01
 Operator : VA/AP
 Sample : J5017-06
 Misc : 5.05/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060

Quant Time: Sep 21 01:41:13 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

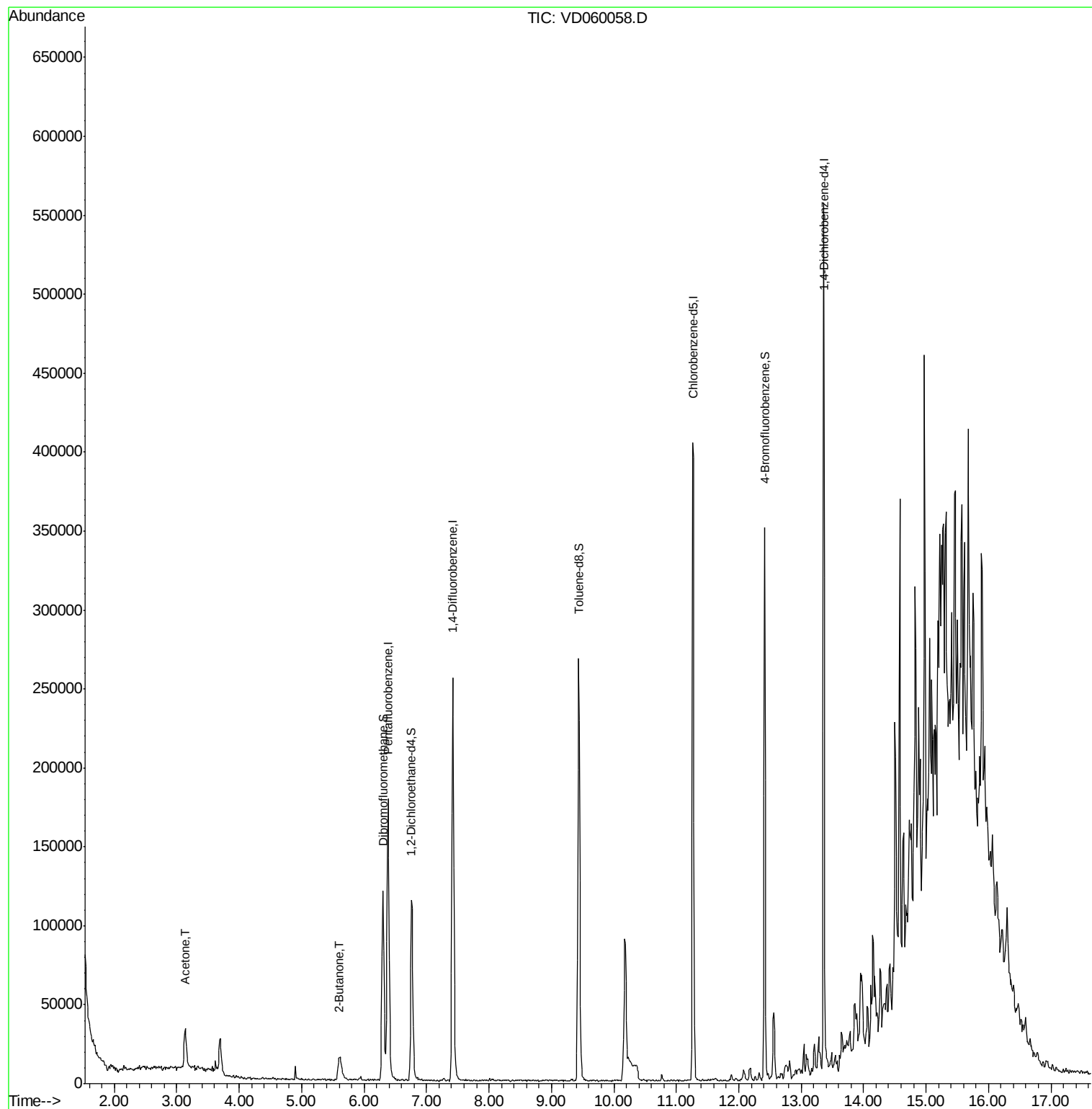
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	172937	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	258823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	236353	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	119756	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	93357	69.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	138.44%	
35) Dibromofluoromethane	6.30	113	96694	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
50) Toluene-d8	9.43	98	217212	38.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	77.52%	
62) 4-Bromofluorobenzene	12.42	95	94457	44.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.24%	
Target Compounds						
16) Acetone	3.14	43	58230	223.636	ug/l	99
25) 2-Butanone	5.60	43	25000	35.581	ug/l #	90

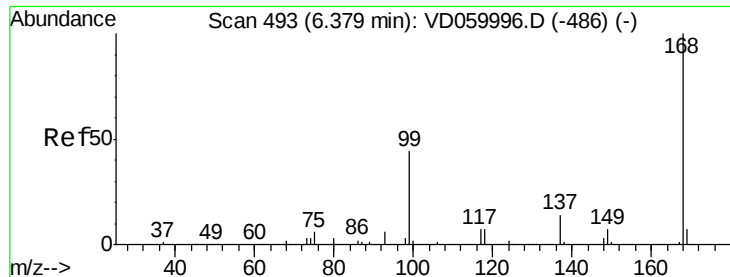
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 13 16:17:40 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.38 min Scan# 494

Delta R.T. 0.00 min

Lab File: VD060058.D

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Instrument :

MSVOA_D

ClientSampleId :

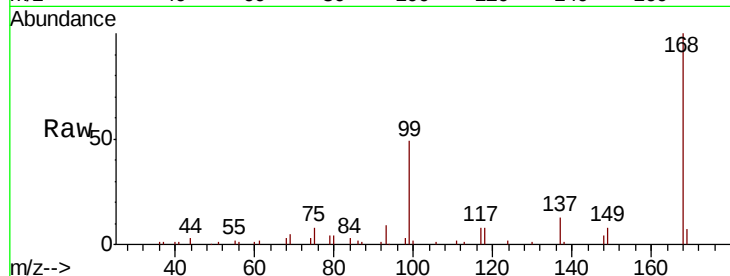
RA-091918-S-NW-060

Tot Ion:168 Resp: 172937

Ion Ratio Lower Upper

168 100

99 49.1 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

80000

60000

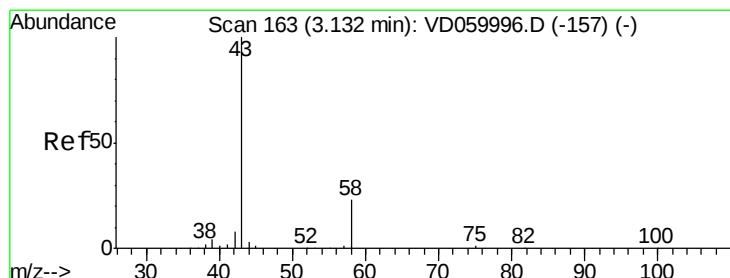
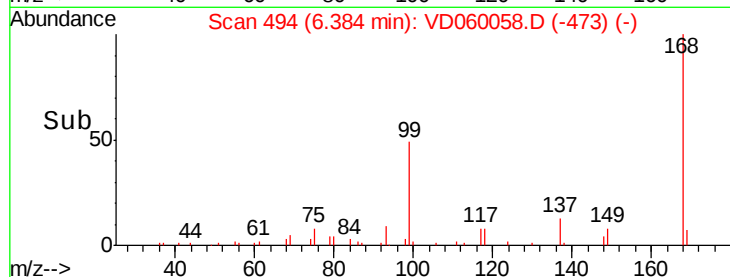
40000

20000

0

Time-->

6.30 6.40 6.50



#16

Acetone

Concen: 223.636 ug/l

RT: 3.14 min Scan# 164

Delta R.T. 0.00 min

Lab File: VD060058.D

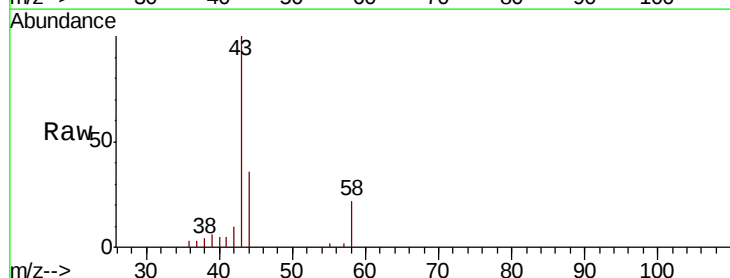
Acq: 20 Sep 2018 20:01

Tgt Ion: 43 Resp: 58230

Ion Ratio Lower Upper

43 100

58 22.0 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.14

20000

15000

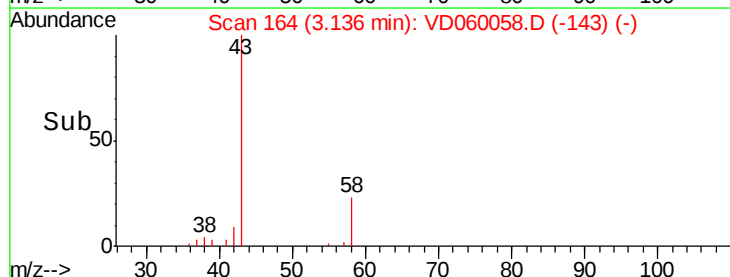
10000

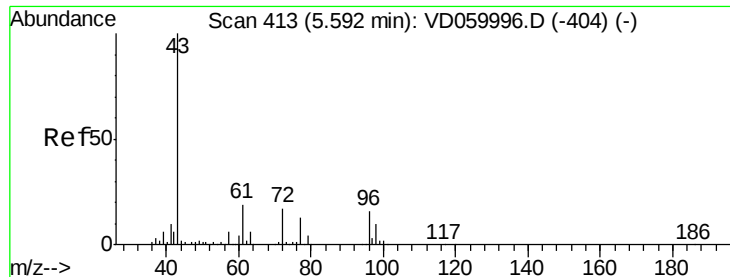
5000

0

Time-->

3.00 3.10 3.20 3.30





#25

2-Butanone

Concen: 35.581 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.01 min

Lab File: VD060058.D

Acq: 20 Sep 2018 20:01

Instrument :

MSVOA_D

ClientSampleId :

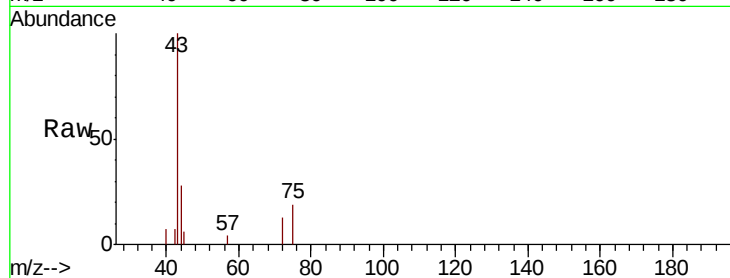
RA-091918-S-NW-060

Tot Ion: 43 Resp: 25000

Ion Ratio Lower Upper

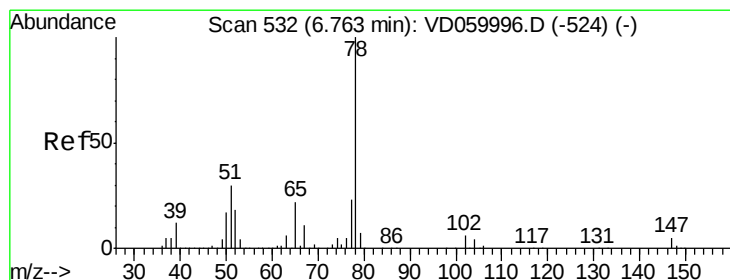
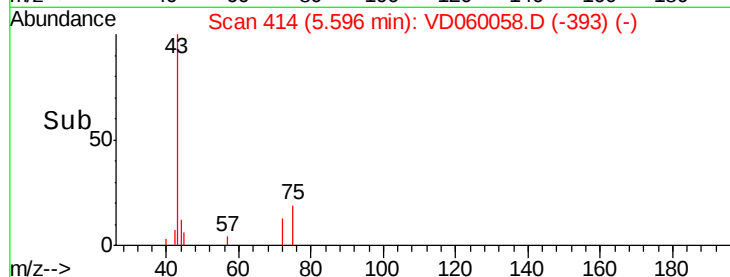
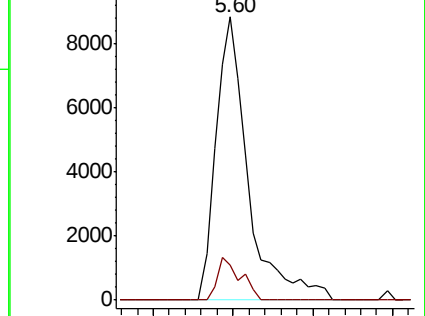
43 100

72 12.5 13.6 20.4#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 72.00 (71.70 to 72.70): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.01 min

Lab File: VD060058.D

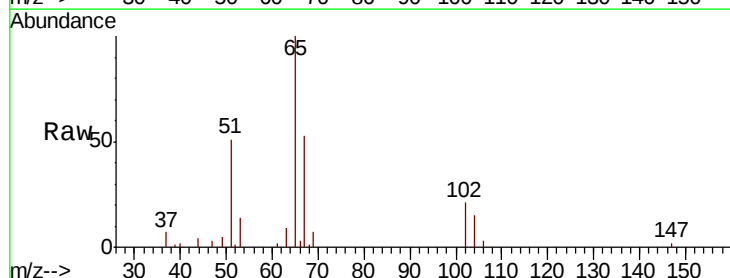
Acq: 20 Sep 2018 20:01

Tgt Ion: 65 Resp: 93357

Ion Ratio Lower Upper

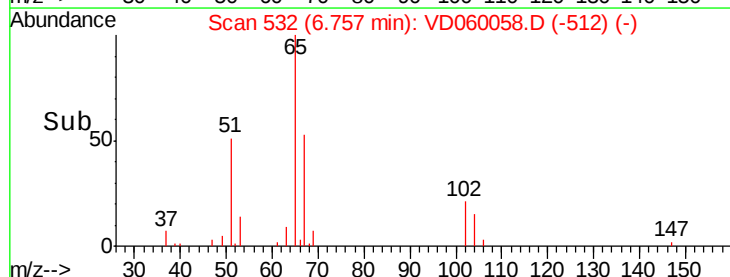
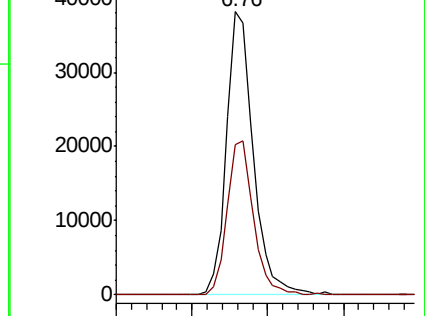
65 100

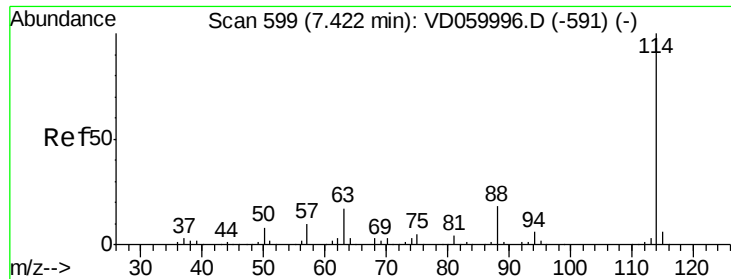
67 53.1 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

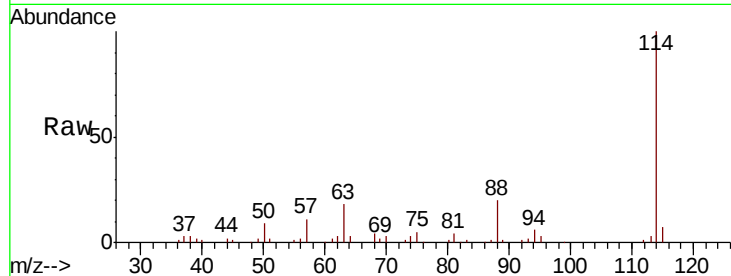




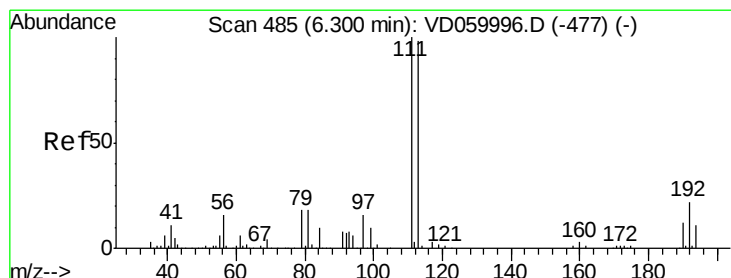
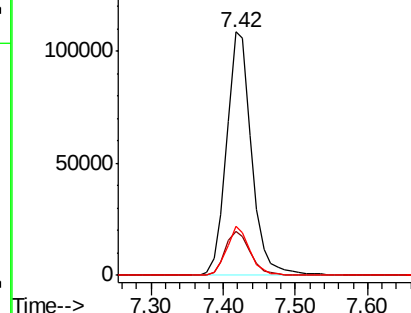
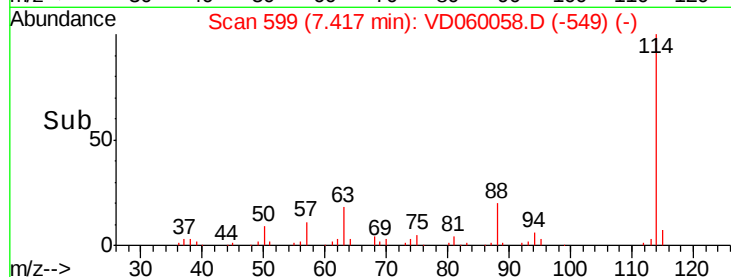
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.42 min Scan# 599
 Delta R.T. -0.01 min
 Lab File: VD060058.D
 Acq: 20 Sep 2018 20:01

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-060

Tot Ion:114 Resp: 258823
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 34.4
 88 20.2 0.0 35.8

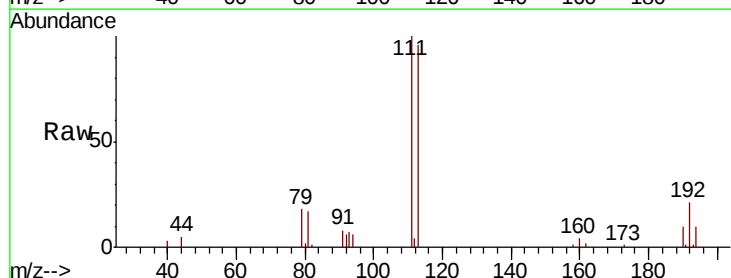


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

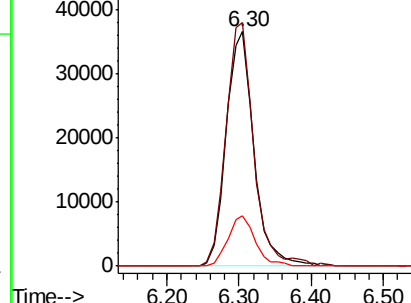
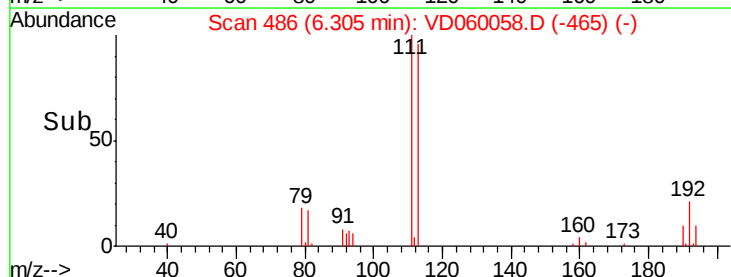


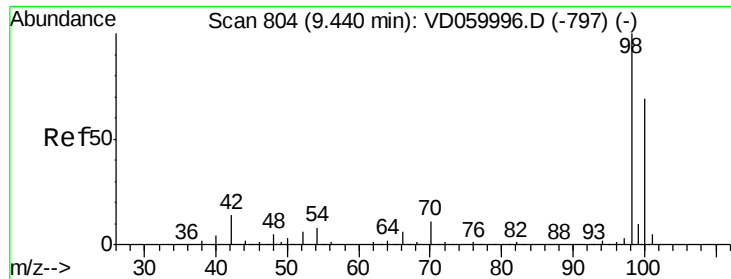
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.30 min Scan# 486
 Delta R.T. 0.00 min
 Lab File: VD060058.D
 Acq: 20 Sep 2018 20:01

Tgt Ion:113 Resp: 96694
 Ion Ratio Lower Upper
 113 100
 111 103.9 81.3 121.9
 192 21.7 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

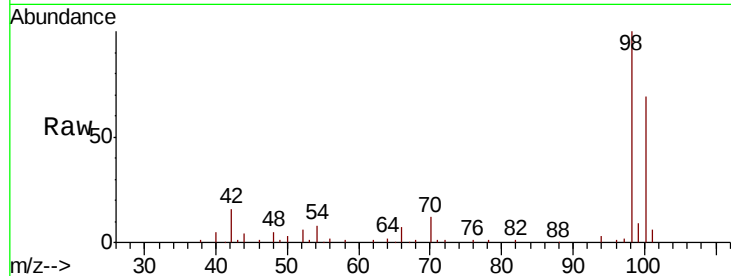




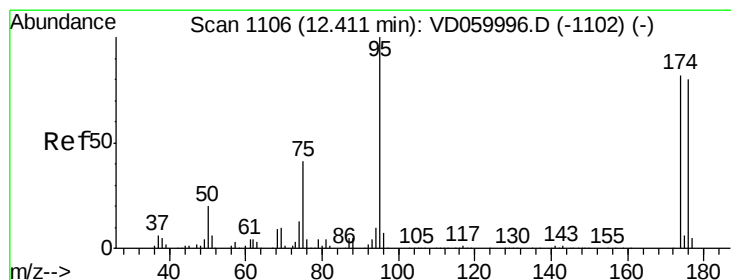
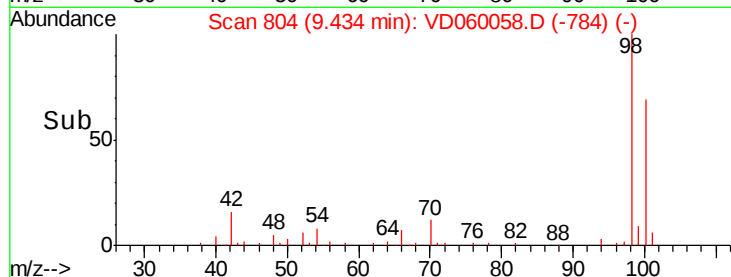
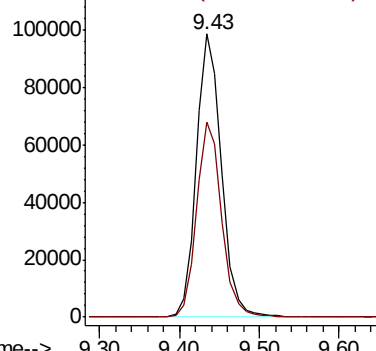
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.01 min
Lab File: VD060058.D
Acq: 20 Sep 2018 20:01

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-060

Tot Ion: 98 Resp: 217212
Ion Ratio Lower Upper
98 100
100 69.0 55.8 83.6

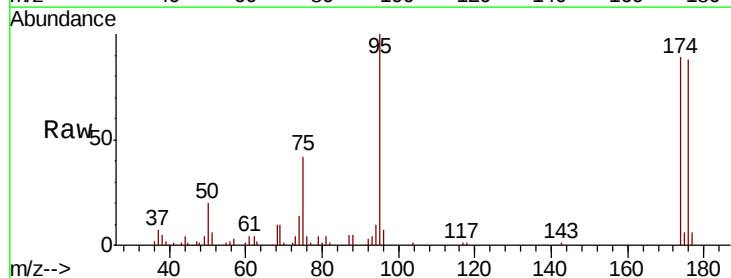


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

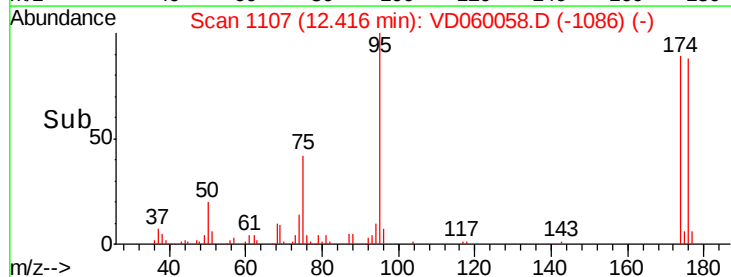
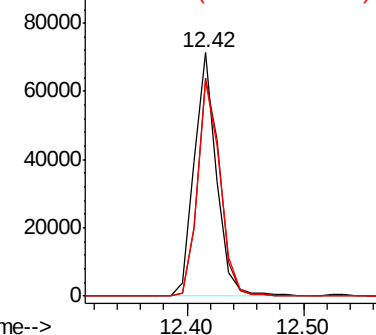


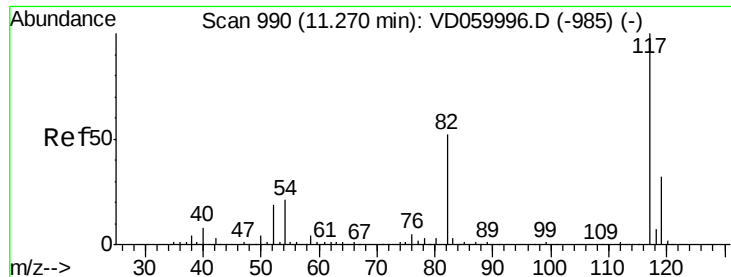
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060058.D
Acq: 20 Sep 2018 20:01

Tgt Ion: 95 Resp: 94457
Ion Ratio Lower Upper
95 100
174 89.3 0.0 165.0
176 88.3 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

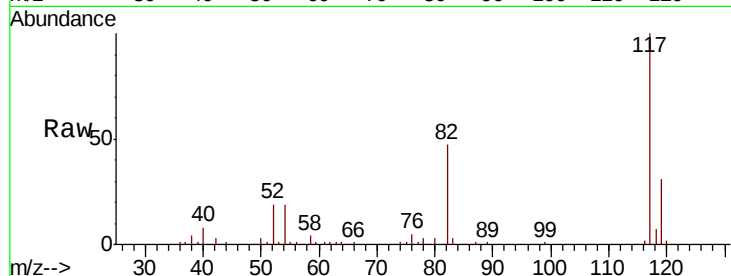




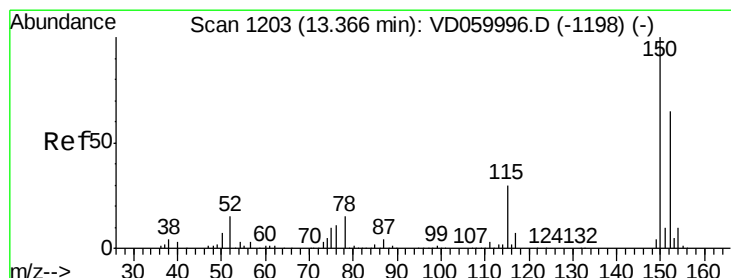
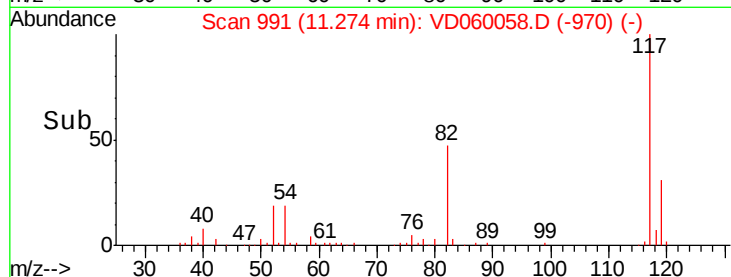
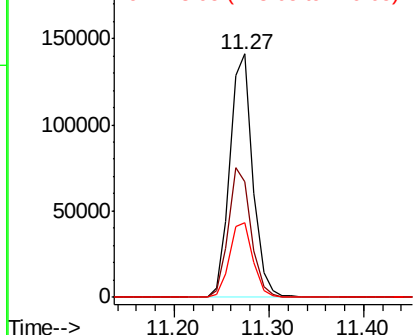
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060058.D
Acq: 20 Sep 2018 20:01

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-060

Tot Ion:117 Resp: 236353
Ion Ratio Lower Upper
117 100
82 47.4 41.7 62.5
119 30.9 26.0 39.0

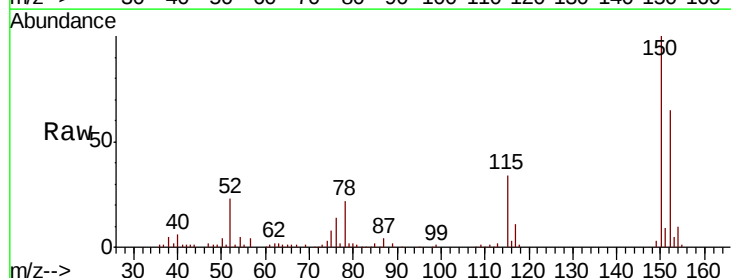


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060058.D
Acq: 20 Sep 2018 20:01

Tgt Ion:152 Resp: 119756
Ion Ratio Lower Upper
152 100
115 52.3 24.6 73.8
150 154.0 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

