

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060059.D
 Acq On : 20 Sep 2018 20:29
 Operator : VA/AP
 Sample : J5017-07
 Misc : 5.02/5ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-S-NW-061

Quant Time: Sep 21 01:47:03 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

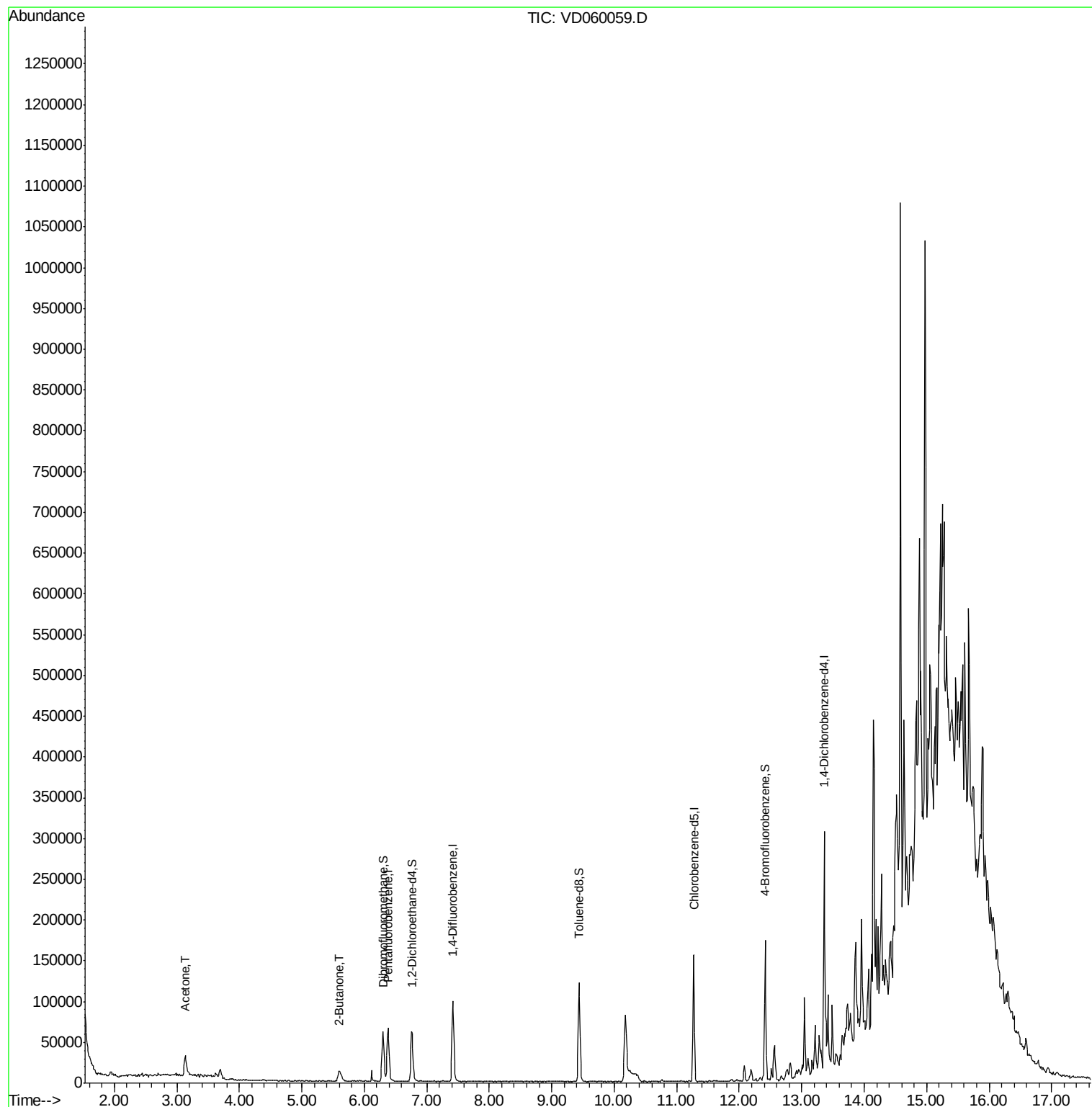
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.38	168	66604	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.42	114	104535	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	88798	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.36	152	53308	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	51023	98.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	196.48%	
35) Dibromofluoromethane	6.29	113	49308	60.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	120.76%	
50) Toluene-d8	9.43	98	95755	42.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.62%	
62) 4-Bromofluorobenzene	12.42	95	44778	51.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.56%	
Target Compounds						
16) Acetone	3.14	43	50478	503.368	ug/l	95
25) 2-Butanone	5.60	43	24785	91.591	ug/l	100

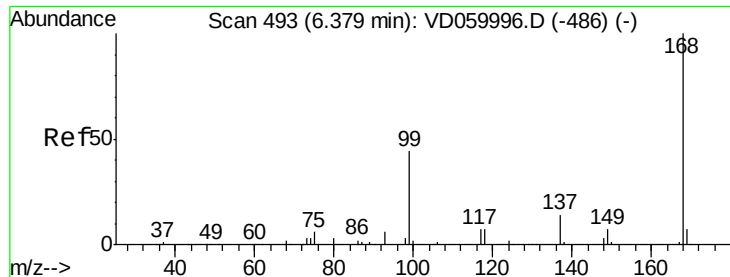
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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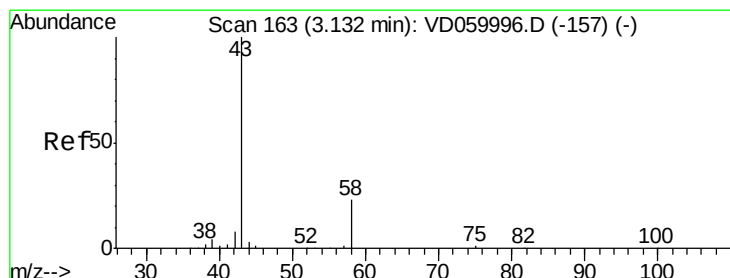
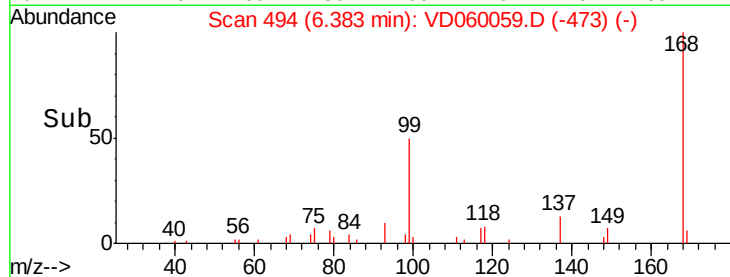
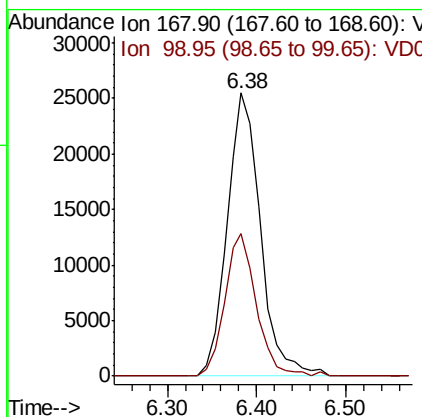
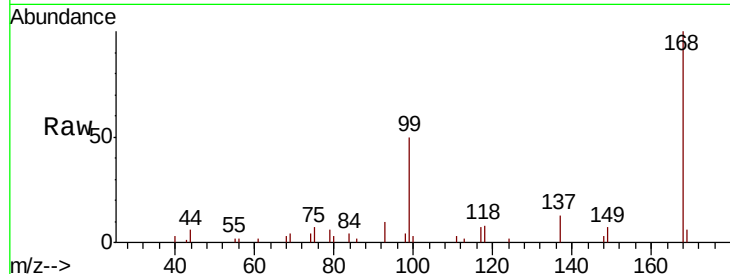




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 6.38 min Scan# 494
Delta R.T. 0.00 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

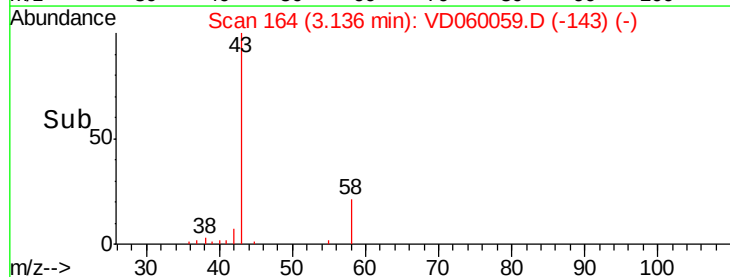
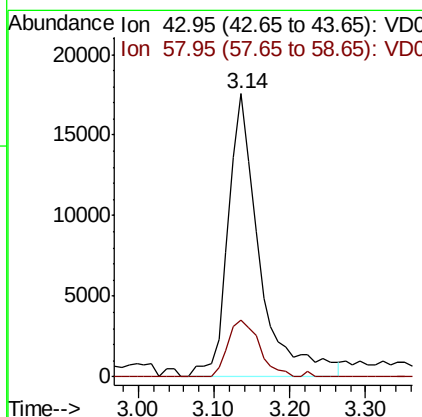
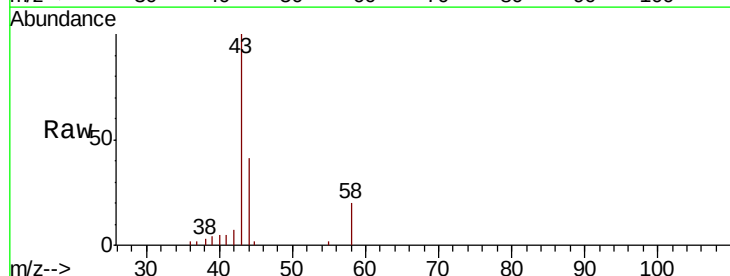
Instrument :
MSVOA_D
ClientSampleId :
RA-091918-S-NW-061

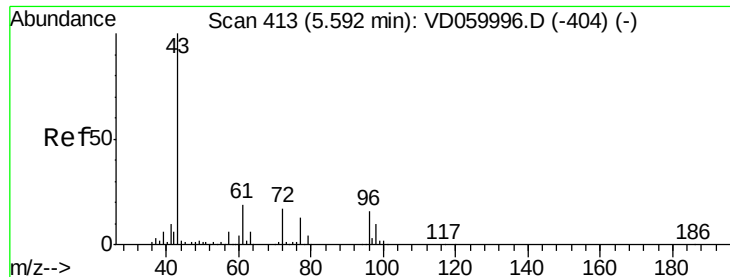
Tot Ion:168 Resp: 66604
Ion Ratio Lower Upper
168 100
99 50.3 38.5 57.7



#16
Acetone
Concen: 503.368 ug/l
RT: 3.14 min Scan# 164
Delta R.T. 0.00 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

Tgt Ion: 43 Resp: 50478
Ion Ratio Lower Upper
43 100
58 20.3 18.1 27.1





#25

2-Butanone

Concen: 91.591 ug/l

RT: 5.60 min Scan# 414

Delta R.T. 0.00 min

Lab File: VD060059.D

Acq: 20 Sep 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

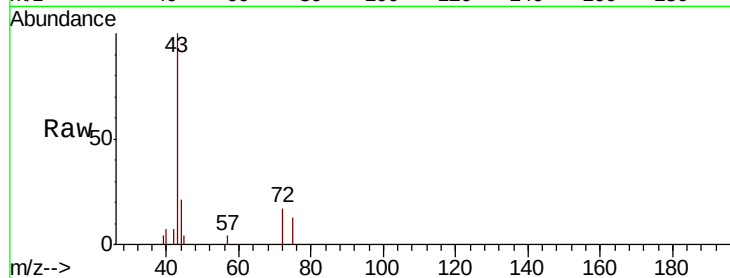
RA-091918-S-NW-061

Tot Ion: 43 Resp: 24785

Ion Ratio Lower Upper

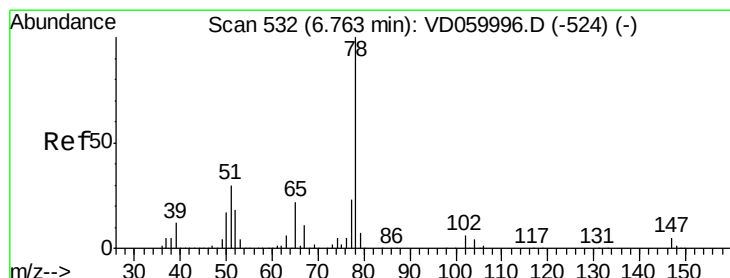
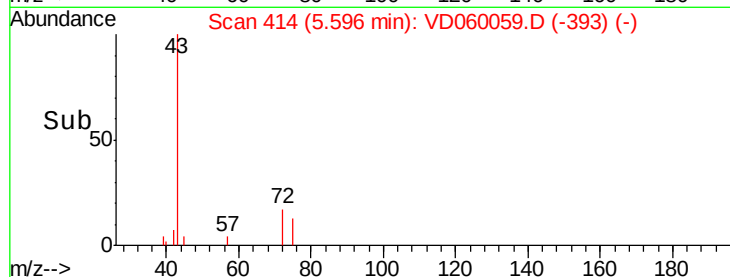
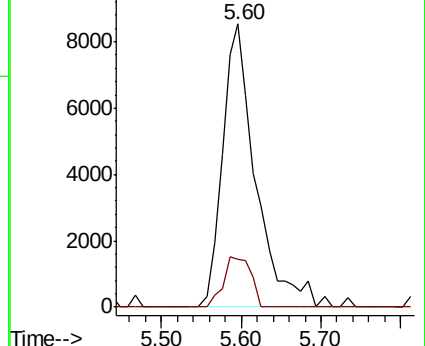
43 100

72 16.9 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: 6.77 min Scan# 533

Delta R.T. 0.00 min

Lab File: VD060059.D

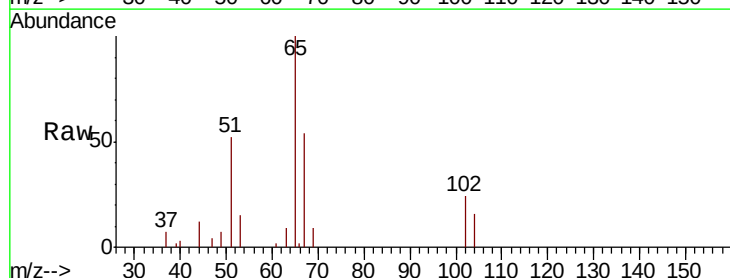
Acq: 20 Sep 2018 20:29

Tgt Ion: 65 Resp: 51023

Ion Ratio Lower Upper

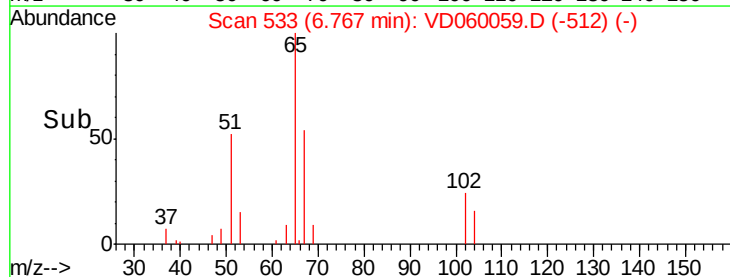
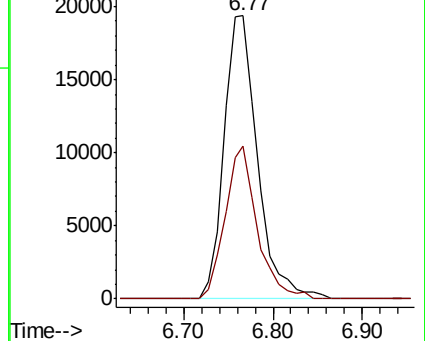
65 100

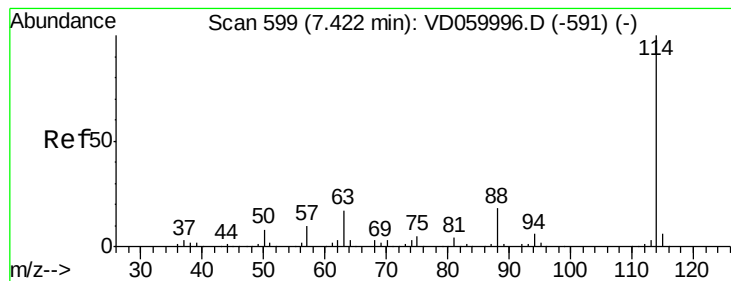
67 54.2 0.0 104.8



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: VD060059.D

Acq: 20 Sep 2018 20:29

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-S-NW-061

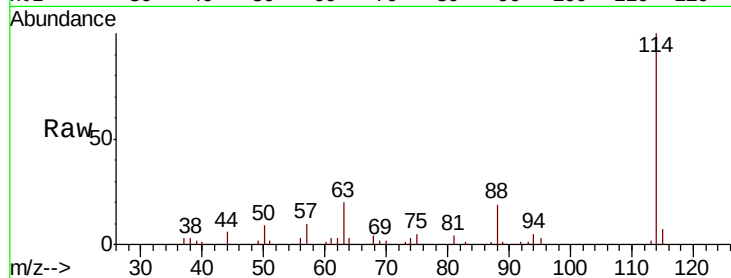
Tot Ion:114 Resp: 104535

Ion Ratio Lower Upper

114 100

63 19.6 0.0 34.4

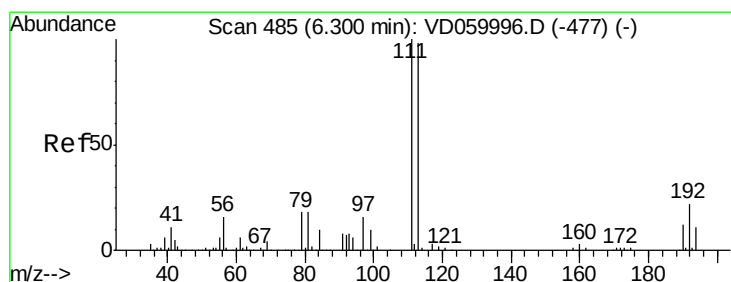
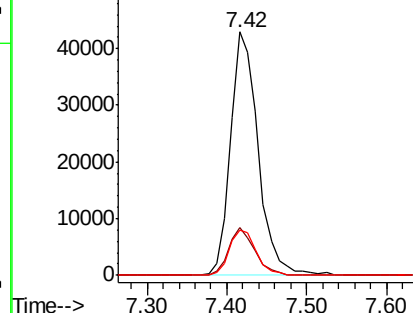
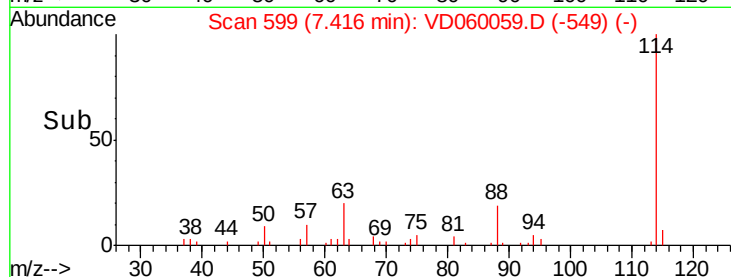
88 18.5 0.0 35.8



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: 6.29 min Scan# 485

Delta R.T. -0.01 min

Lab File: VD060059.D

Acq: 20 Sep 2018 20:29

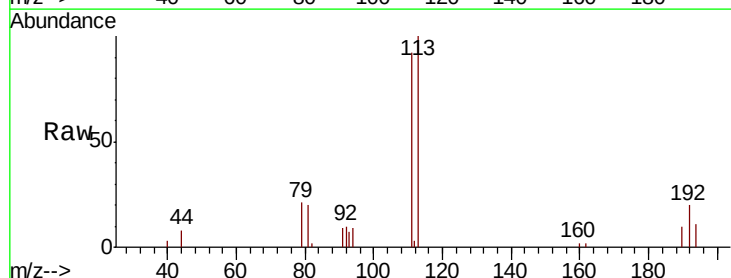
Tgt Ion:113 Resp: 49308

Ion Ratio Lower Upper

113 100

111 92.1 81.3 121.9

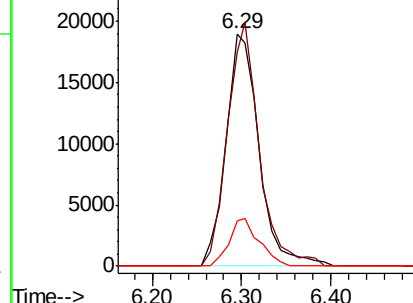
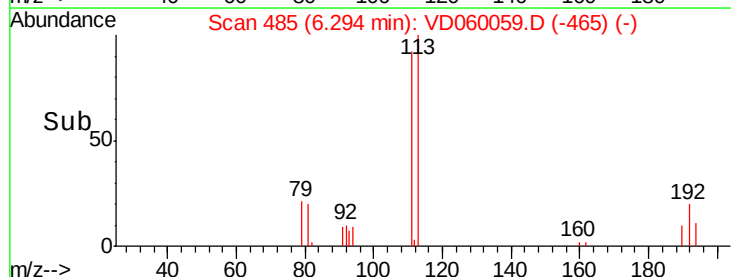
192 19.5 18.1 27.1

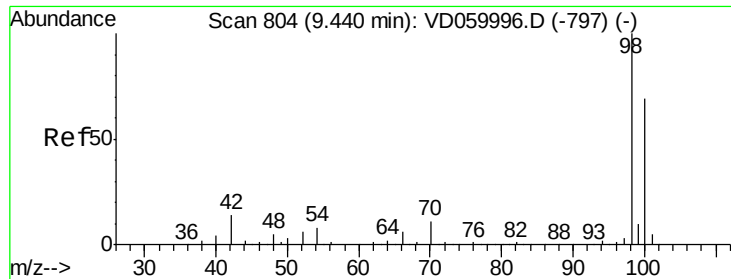


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

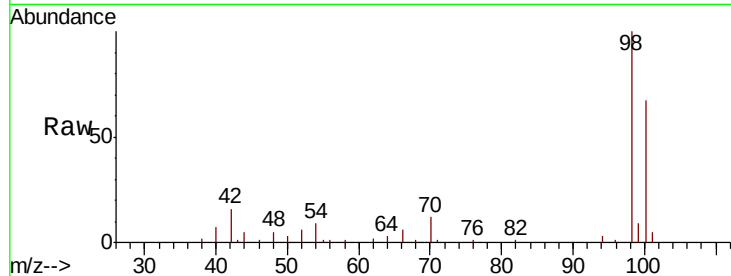




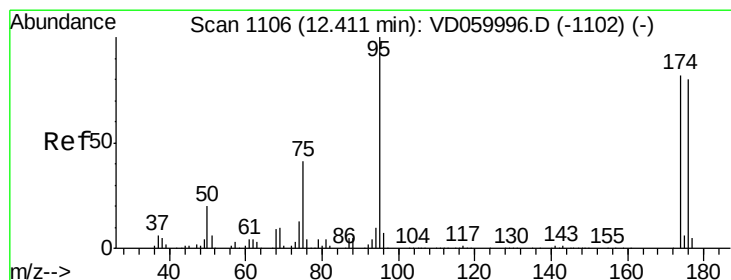
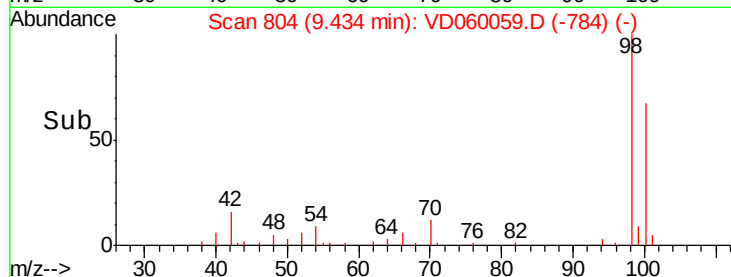
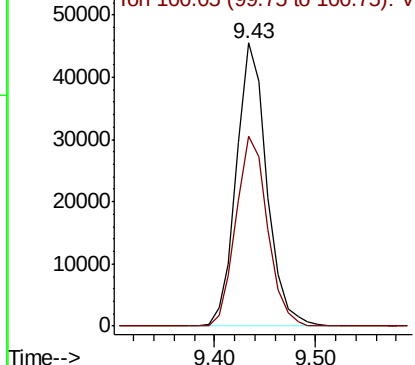
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.01 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

Instrument :
MSVOA_D
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RA-091918-S-NW-061

Tot Ion: 98 Resp: 95755
Ion Ratio Lower Upper
98 100
100 67.3 55.8 83.6

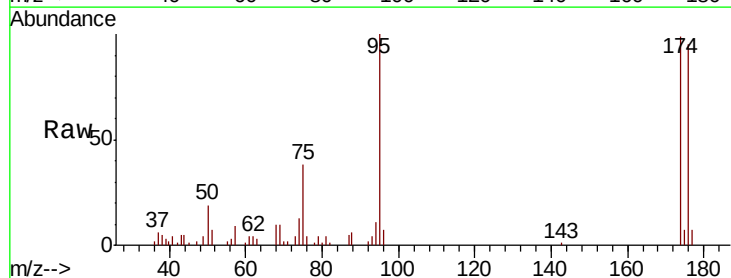


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

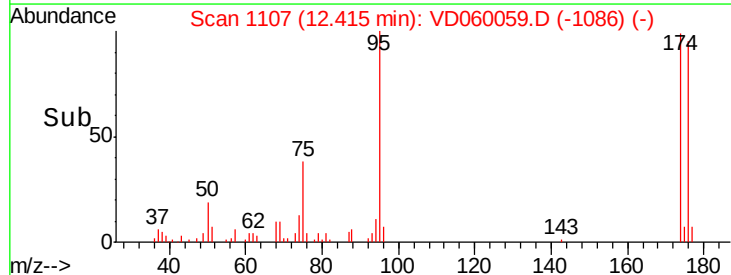
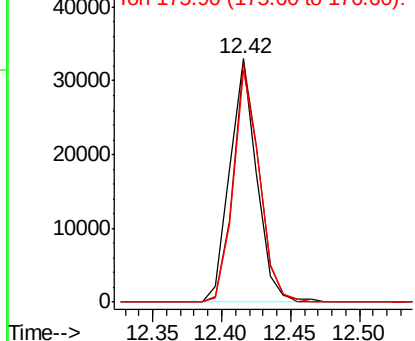


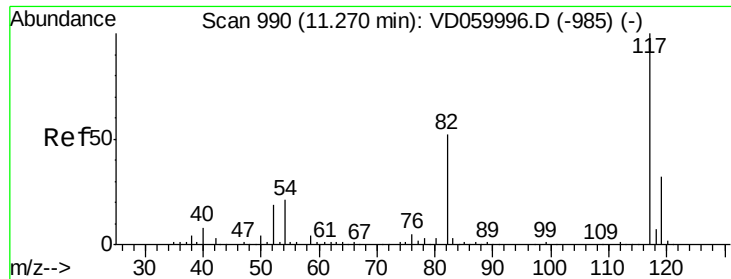
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.42 min Scan# 1107
Delta R.T. 0.00 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

Tgt Ion: 95 Resp: 44778
Ion Ratio Lower Upper
95 100
174 99.1 0.0 165.0
176 95.2 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

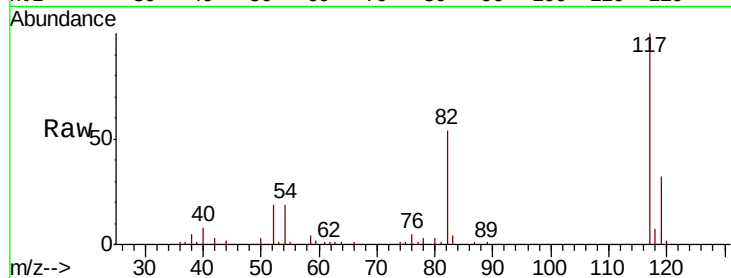




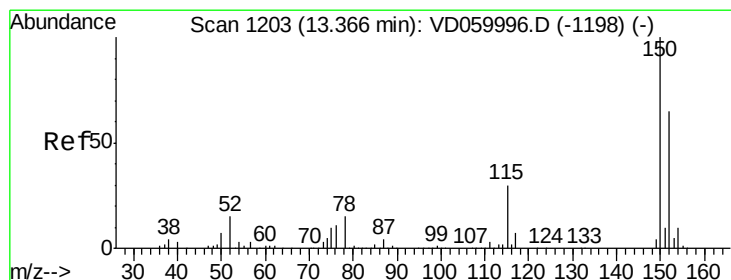
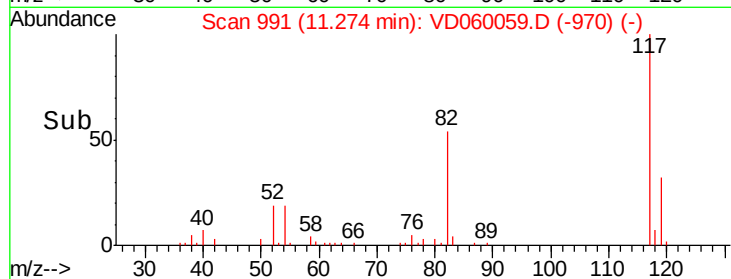
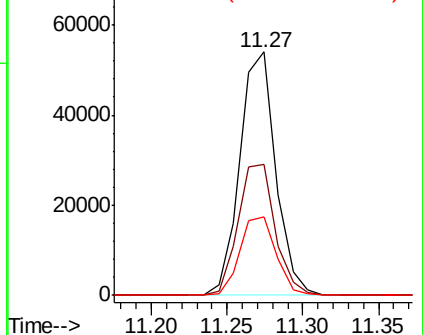
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.27 min Scan# 991
Delta R.T. 0.00 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

Instrument :
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ClientSampleId :
RA-091918-S-NW-061

Tot Ion:117 Resp: 88798
Ion Ratio Lower Upper
117 100
82 54.0 41.7 62.5
119 32.1 26.0 39.0

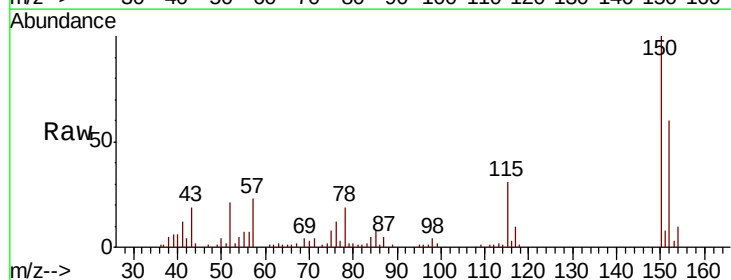


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 1203
Delta R.T. -0.01 min
Lab File: VD060059.D
Acq: 20 Sep 2018 20:29

Tgt Ion:152 Resp: 53308
Ion Ratio Lower Upper
152 100
115 51.2 24.6 73.8
150 165.5 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

