

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092018\
 Data File : VD060054.D
 Acq On : 20 Sep 2018 18:08
 Operator : VA/AP
 Sample : J5017-02
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056

Quant Time: Sep 21 01:13:07 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

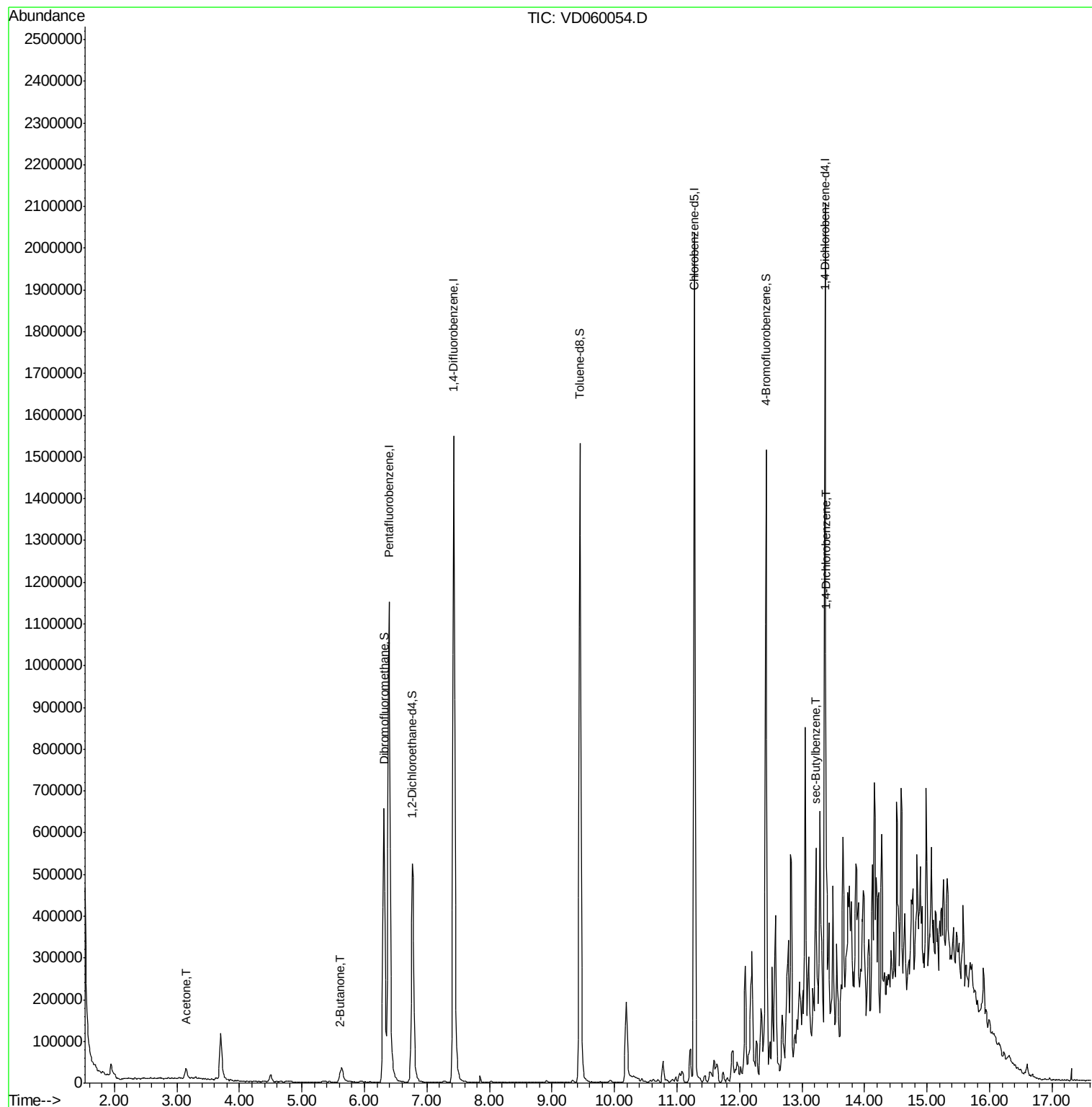
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1122158	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	7.43	114	1641257	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.27	117	1157234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.37	152	392938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	388214	44.36	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.72%	
35) Dibromofluoromethane	6.31	113	530229	41.35	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.70%	
50) Toluene-d8	9.44	98	1223598	34.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.86%	
62) 4-Bromofluorobenzene	12.43	95	381432	28.10	ug/l	0.01
Spiked Amount 50.000			Recovery	=	56.20%	
Target Compounds						
16) Acetone	3.15	43	47216	27.946	ug/l	98
25) 2-Butanone	5.61	43	32422	7.111	ug/l	96
85) sec-Butylbenzene	13.22	105	46375	1.707	ug/l	91
88) 1,4-Dichlorobenzene	13.39	146	14628	1.117	ug/l #	71

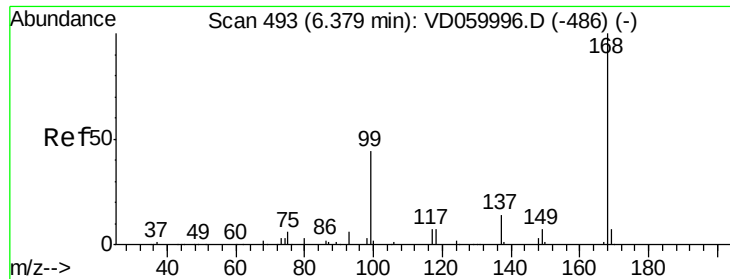
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092018\
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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: 6.39 min Scan# 495

Delta R.T. 0.01 min

Lab File: VD060054.D

Acq: 20 Sep 2018 18:08

Instrument :

MSVOA_D

ClientSampleId :

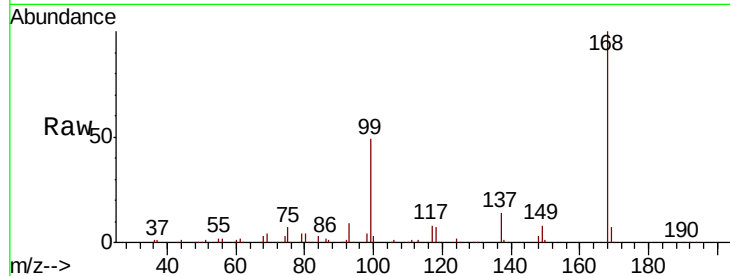
RA-091918-N-FL-056

Tot Ion:168 Resp: 1122158

Ion Ratio Lower Upper

168 100

99 49.0 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

400000

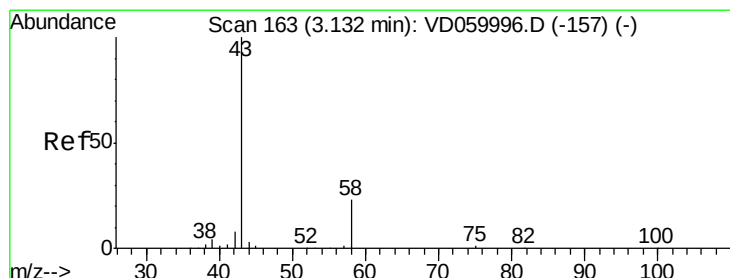
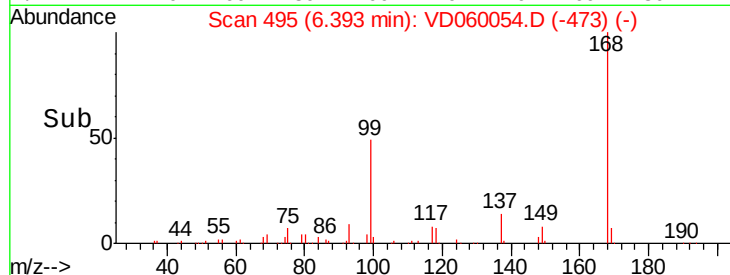
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 27.946 ug/l

RT: 3.15 min Scan# 165

Delta R.T. 0.01 min

Lab File: VD060054.D

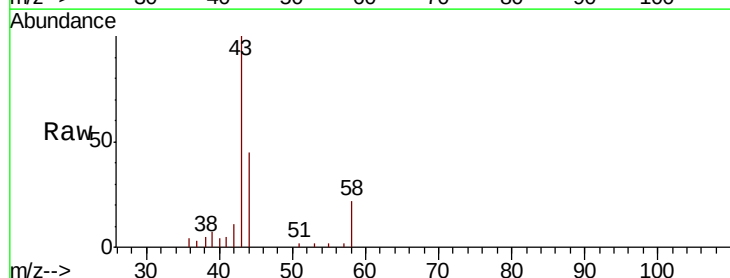
Acq: 20 Sep 2018 18:08

Tgt Ion: 43 Resp: 47216

Ion Ratio Lower Upper

43 100

58 21.9 18.1 27.1



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.15

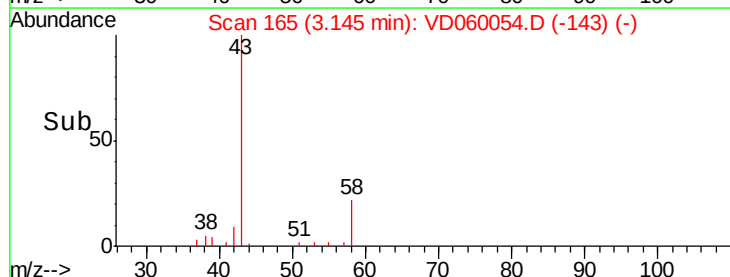
15000

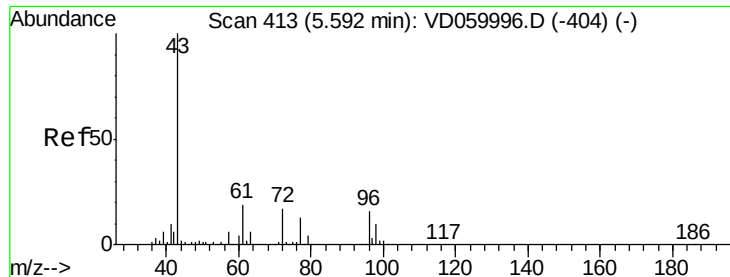
10000

5000

0

Time-->

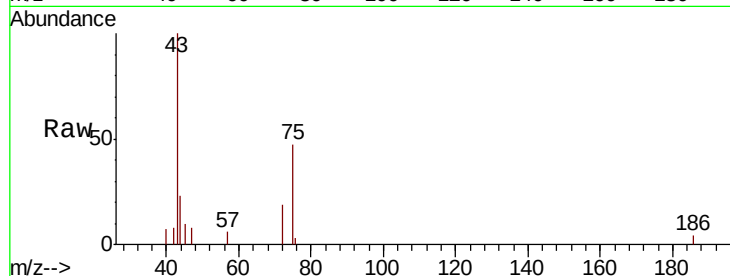




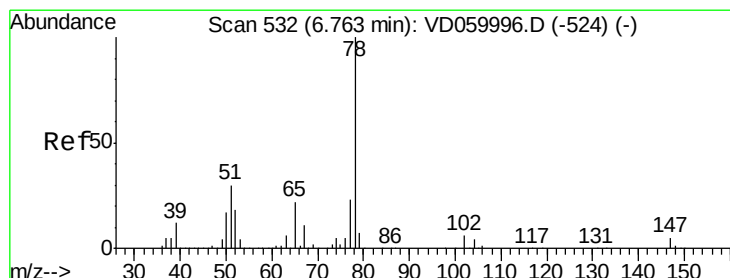
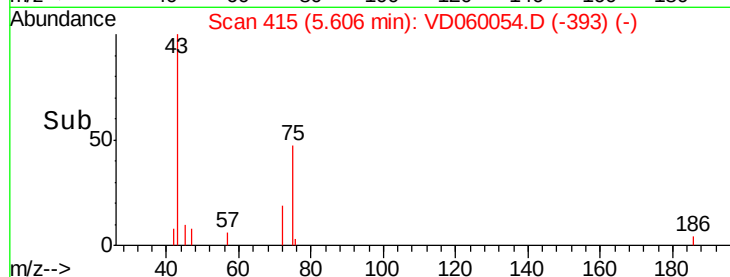
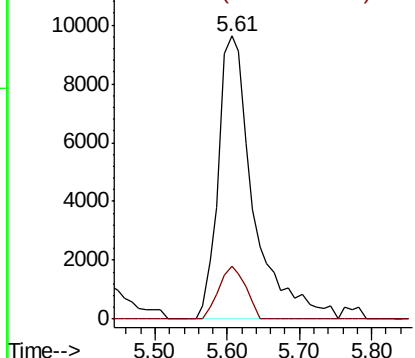
#25
2-Butanone
Concen: 7.111 ug/l
RT: 5.61 min Scan# 415
Delta R.T. 0.01 min
Lab File: VD060054.D
Acq: 20 Sep 2018 18:08

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-FL-056

Tot Ion: 43 Resp: 32422
Ion Ratio Lower Upper
43 100
72 18.9 13.6 20.4

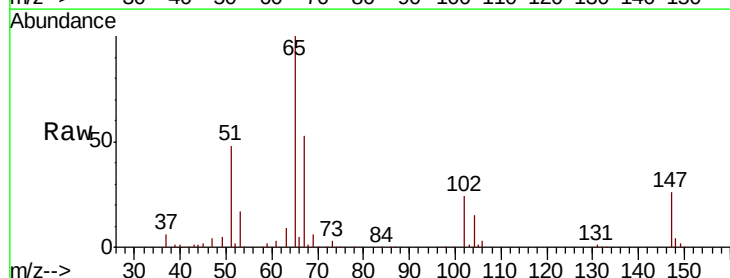


Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 72.00 (71.70 to 72.70): VDC

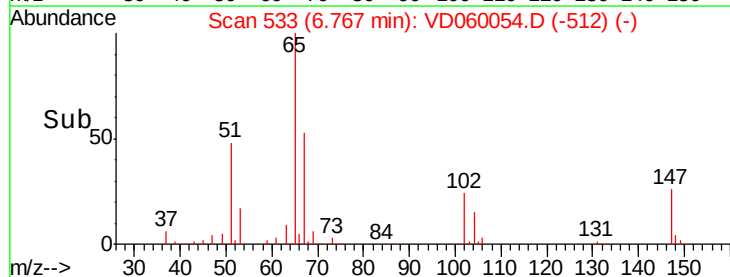
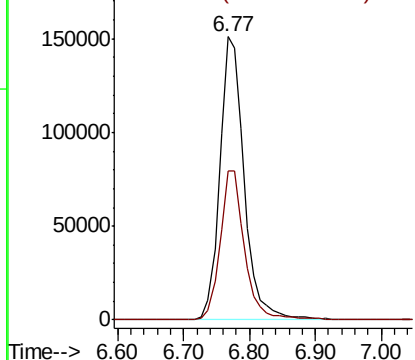


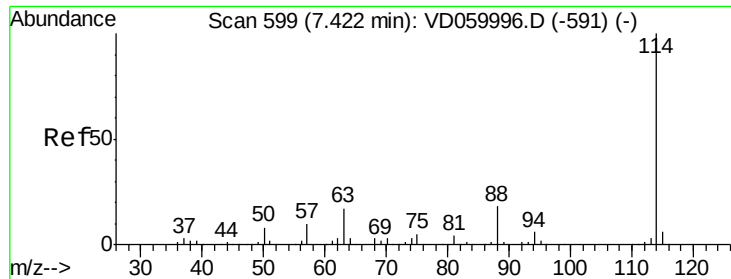
#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 6.77 min Scan# 533
Delta R.T. 0.00 min
Lab File: VD060054.D
Acq: 20 Sep 2018 18:08

Tgt Ion: 65 Resp: 388214
Ion Ratio Lower Upper
65 100
67 52.6 0.0 104.8



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

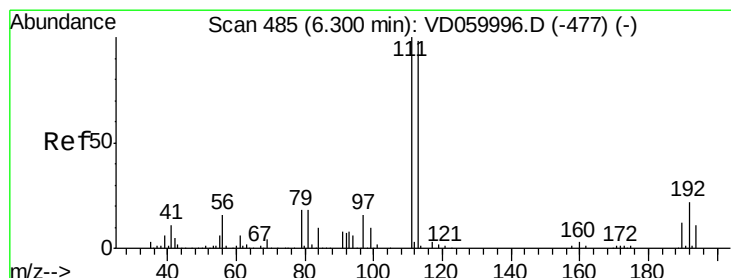
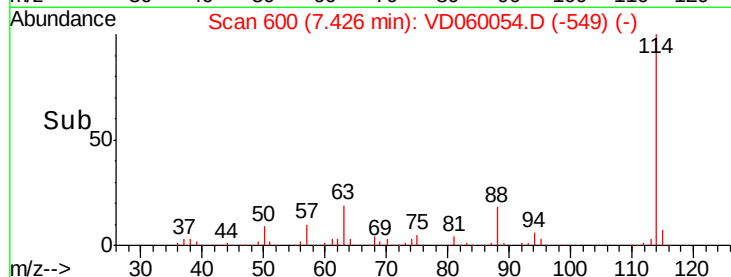
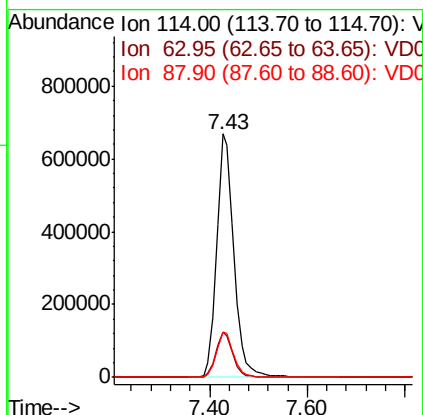
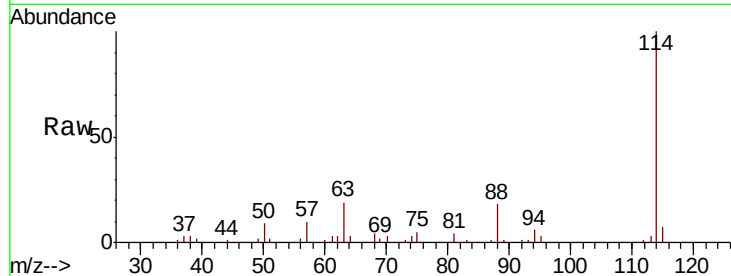




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.43 min Scan# 600
 Delta R.T. 0.00 min
 Lab File: VD060054.D
 Acq: 20 Sep 2018 18:08

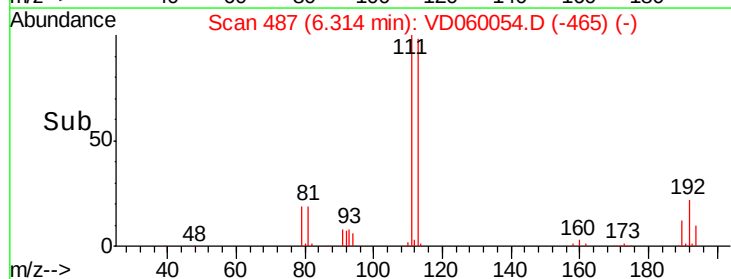
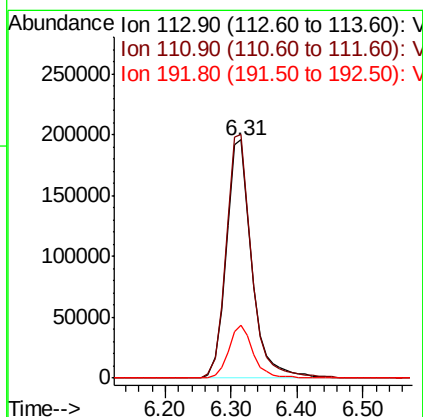
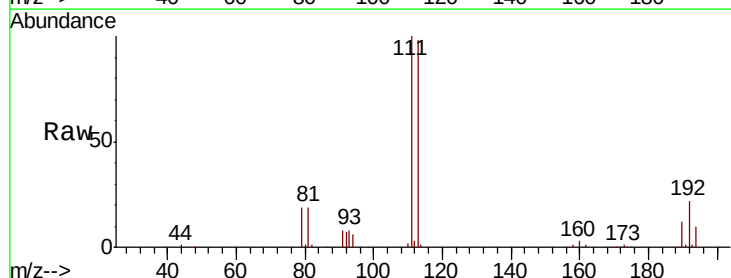
Instrument :
 MSVOA_D
 ClientSampleId :
 RA-091918-N-FL-056

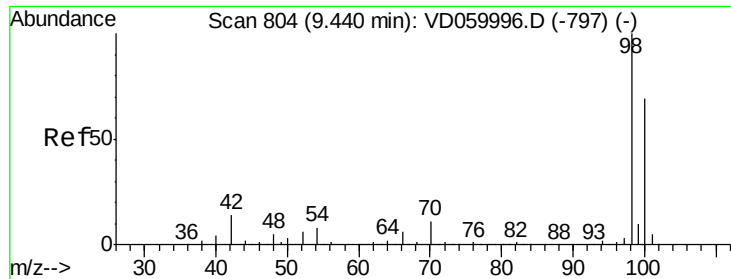
Tot Ion:114 Resp: 1641257
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 34.4
 88 18.5 0.0 35.8



#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.31 min Scan# 487
 Delta R.T. 0.01 min
 Lab File: VD060054.D
 Acq: 20 Sep 2018 18:08

Tgt Ion:113 Resp: 530229
 Ion Ratio Lower Upper
 113 100
 111 102.4 81.3 121.9
 192 22.1 18.1 27.1

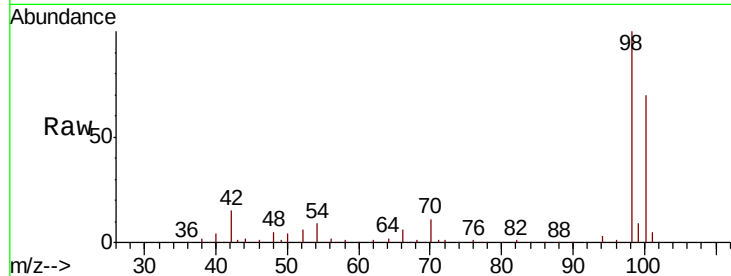




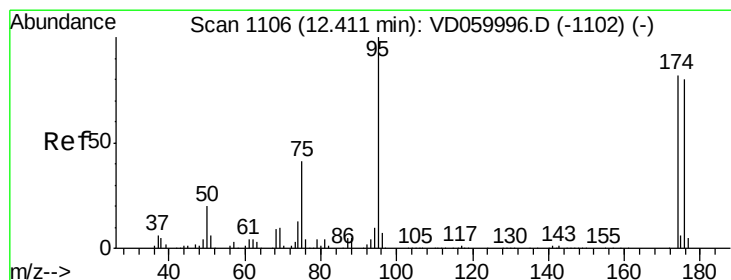
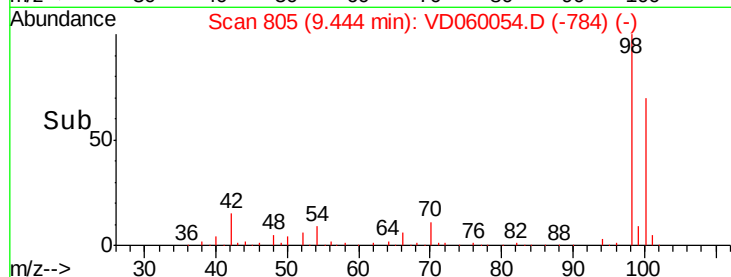
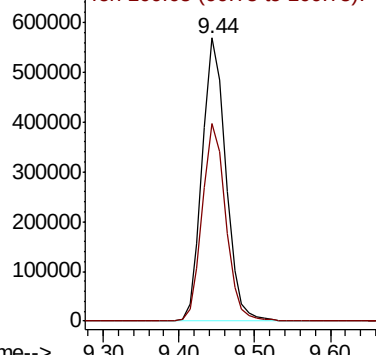
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 805
Delta R.T. 0.00 min
Lab File: VD060054.D
Acq: 20 Sep 2018 18:08

Instrument :
MSVOA_D
ClientSampleId :
RA-091918-N-FL-056

Tot Ion: 98 Resp: 1223598
Ion Ratio Lower Upper
98 100
100 69.7 55.8 83.6

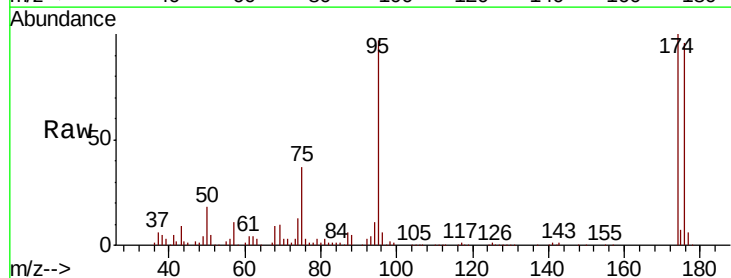


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

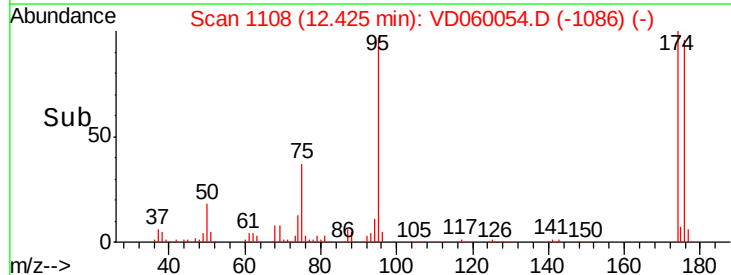
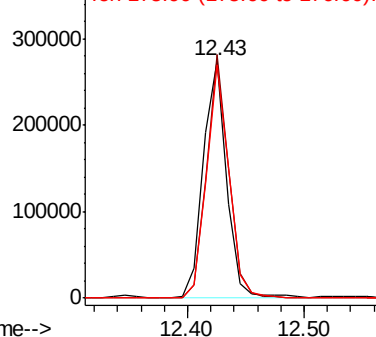


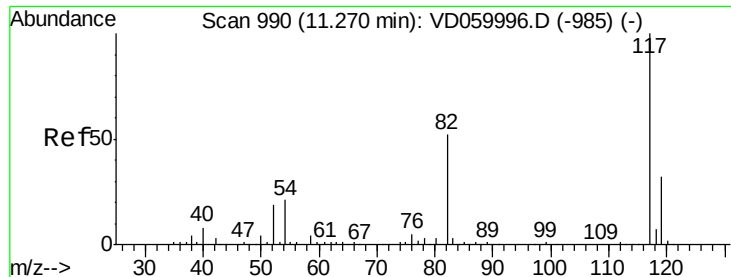
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 12.43 min Scan# 1108
Delta R.T. 0.01 min
Lab File: VD060054.D
Acq: 20 Sep 2018 18:08

Tgt Ion: 95 Resp: 381432
Ion Ratio Lower Upper
95 100
174 102.6 0.0 165.0
176 98.4 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: 50.000 ug/l

RT: 11.27 min Scan# 991

Delta R.T. 0.00 min

Lab File: VD060054.D

Acq: 20 Sep 2018 18:08

Instrument :

MSVOA_D

ClientSampleId :

RA-091918-N-FL-056

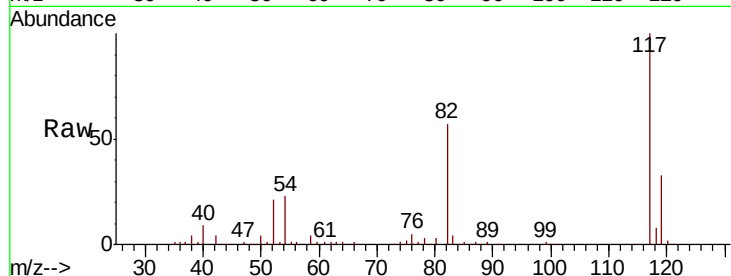
Tot Ion:117 Resp: 1157234

Ion Ratio Lower Upper

117 100

82 56.7 41.7 62.5

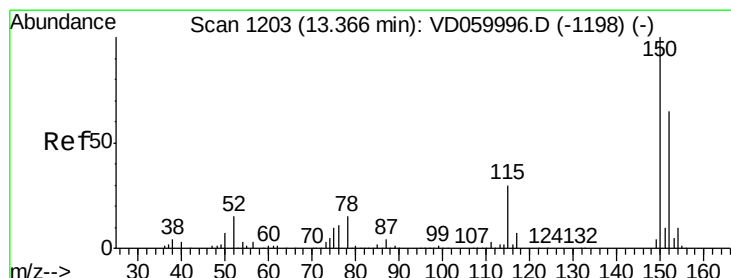
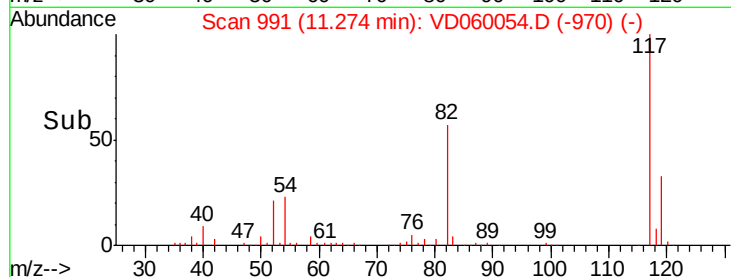
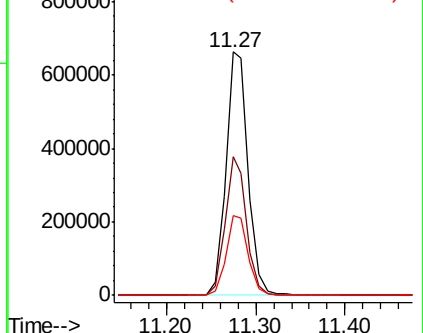
119 32.7 26.0 39.0



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: 13.37 min Scan# 1204

Delta R.T. 0.00 min

Lab File: VD060054.D

Acq: 20 Sep 2018 18:08

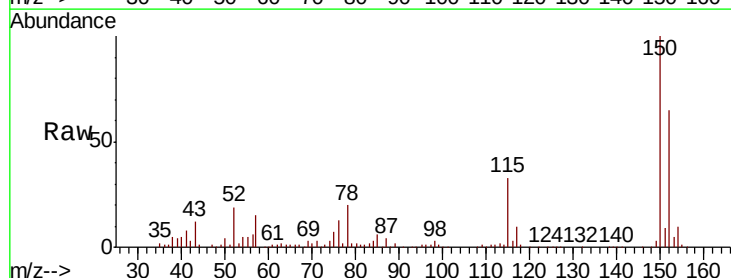
Tgt Ion:152 Resp: 392938

Ion Ratio Lower Upper

152 100

115 49.9 24.6 73.8

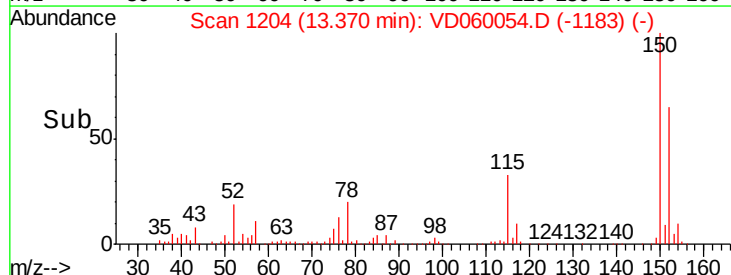
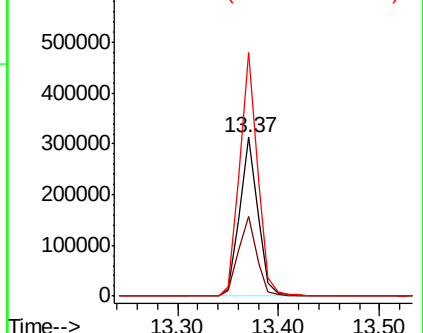
150 153.2 0.0 313.4

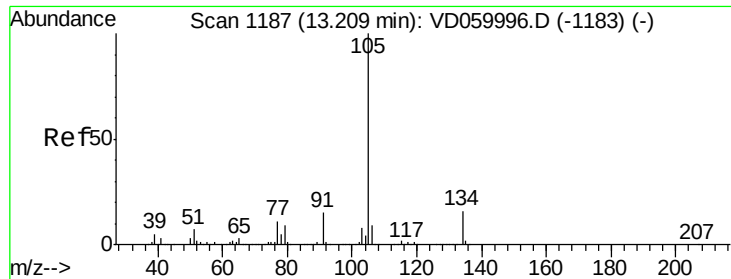


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 115.00 (114.70 to 115.70): V

Ion 149.90 (149.60 to 150.60): V





#85

sec-Butylbenzene

Concen: 1.707 ug/l

RT: 13.22 min Scan# 1189

Delta R.T. 0.01 min

Lab File: VD060054.D

Acq: 20 Sep 2018 18:08

Instrument :

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ClientSampleId :

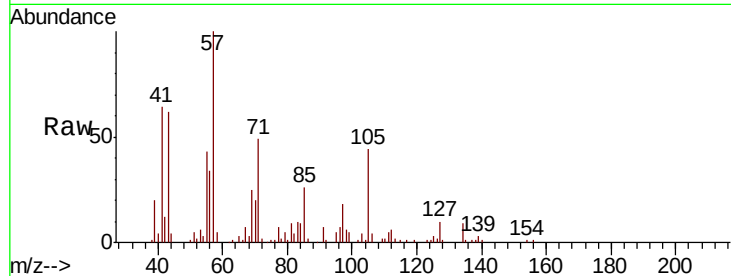
RA-091918-N-FL-056

Tot Ion:105 Resp: 46375

Ion Ratio Lower Upper

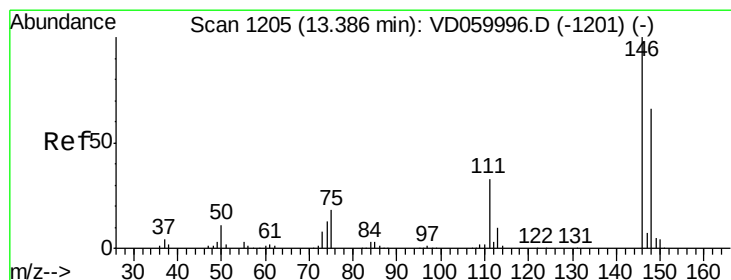
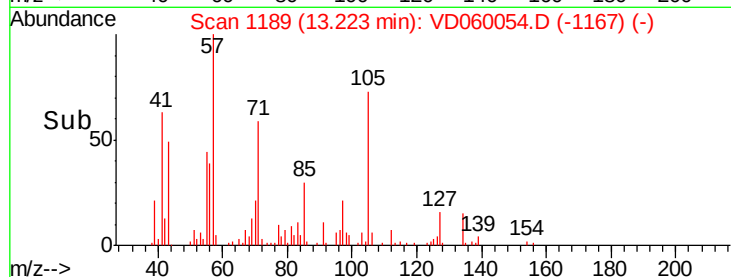
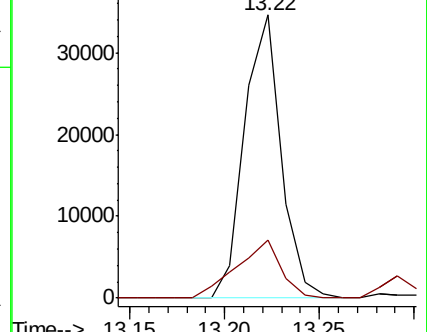
105 100

134 20.4 8.2 24.6



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 134.10 (133.80 to 134.80): V



#88

1,4-Dichlorobenzene

Concen: 1.117 ug/l

RT: 13.39 min Scan# 1206

Delta R.T. 0.00 min

Lab File: VD060054.D

Acq: 20 Sep 2018 18:08

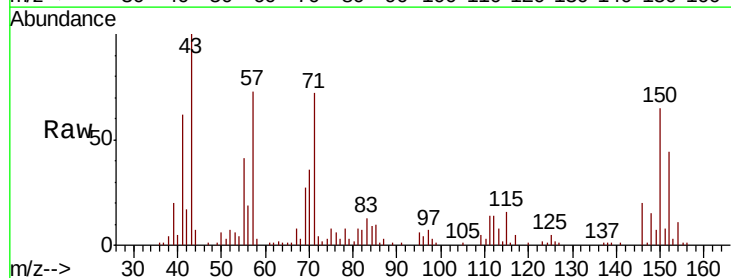
Tgt Ion:146 Resp: 14628

Ion Ratio Lower Upper

146 100

111 71.7 16.7 50.0#

148 72.9 32.9 98.6



Abundance Ion 145.95 (145.65 to 146.65): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

