

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121718\
 Data File : VD060605.D
 Acq On : 17 Dec 2018 17:55
 Operator : VA/AP
 Sample : J6424-05
 Misc : 5.15g/5ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP02_121318

Quant Time: Dec 18 13:28:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 06 01:49:20 2018
 Response via : Initial Calibration

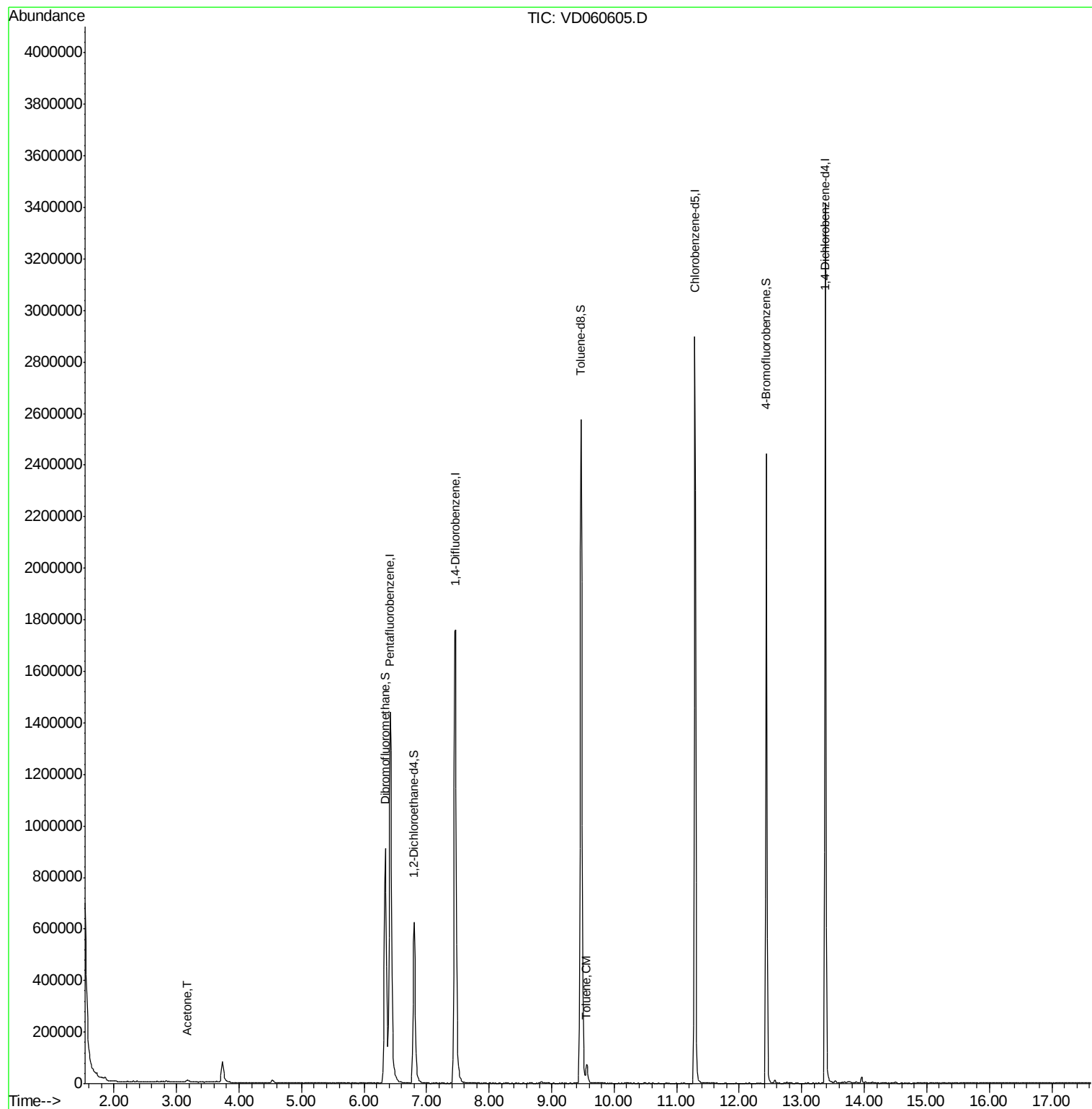
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.42	168	1407668	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	7.46	114	1931627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.29	117	1567453	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.38	152	827948	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.80	65	530552	53.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.34%	
35) Dibromofluoromethane	6.34	113	714339	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
50) Toluene-d8	9.47	98	2051869	49.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.96%	
62) 4-Bromofluorobenzene	12.43	95	694971	47.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.60%	
Target Compounds						
16) Acetone	3.18	43	14326	8.958	ug/l	96
52) Toluene	9.57	92	33138	1.099	ug/l	86

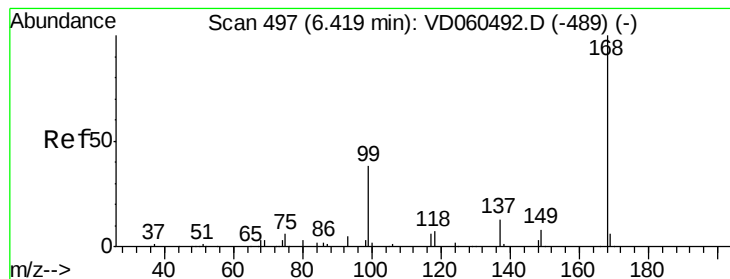
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD121718\
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Quant Title : SW846 8260
QLast Update : Thu Dec 06 01:49:20 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.42 min Scan# 497

Delta R.T. -0.00 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

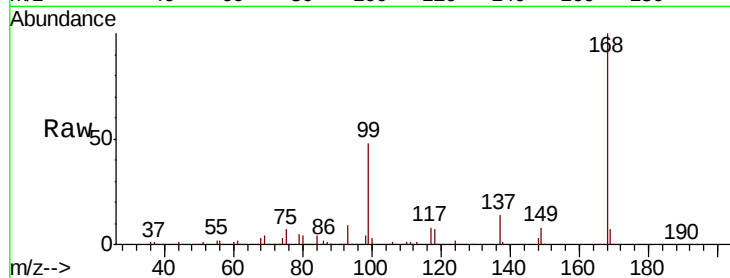
SODUP02_121318

Tot Ion:168 Resp: 1407668

Ion Ratio Lower Upper

168 100

99 48.3 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.42

500000

400000

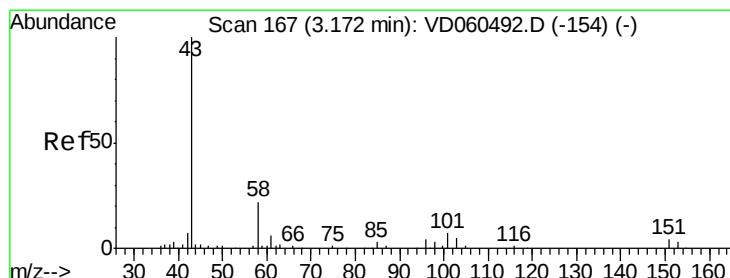
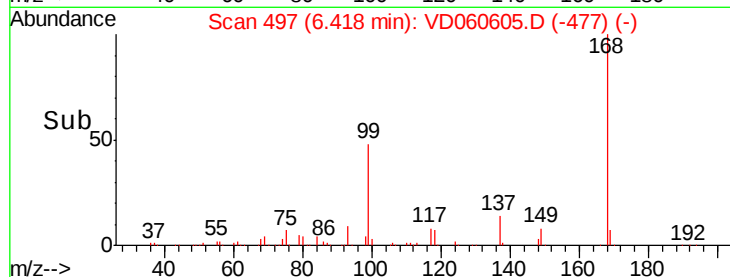
300000

200000

100000

0

Time-->



#16

Acetone

Concen: 8.958 ug/l

RT: 3.18 min Scan# 168

Delta R.T. 0.01 min

Lab File: VD060605.D

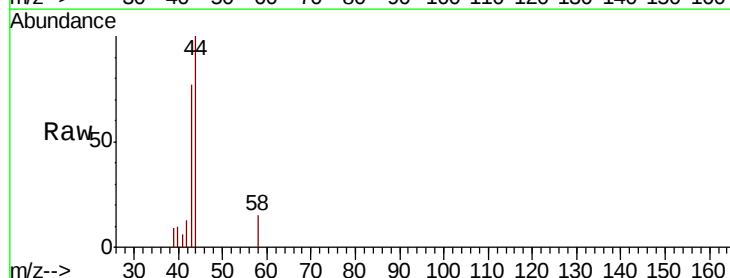
Acq: 17 Dec 2018 17:55

Tgt Ion: 43 Resp: 14326

Ion Ratio Lower Upper

43 100

58 19.7 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.18

5000

4000

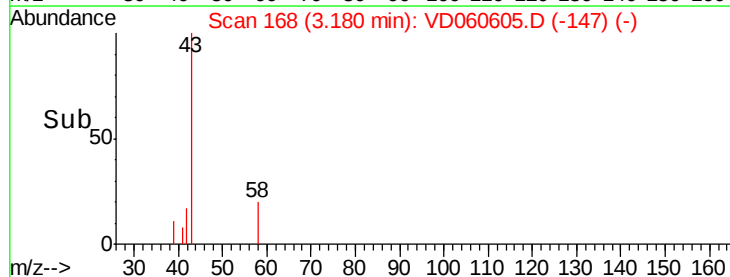
3000

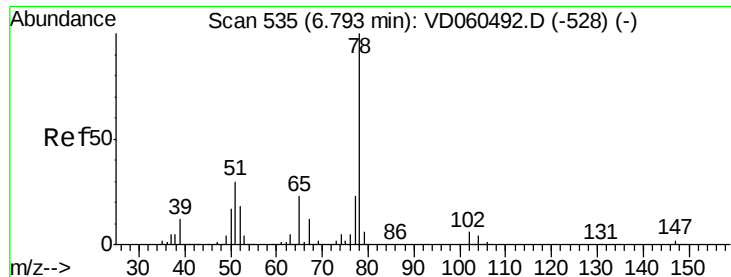
2000

1000

0

Time-->





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.80 min Scan# 536

Delta R.T. 0.01 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

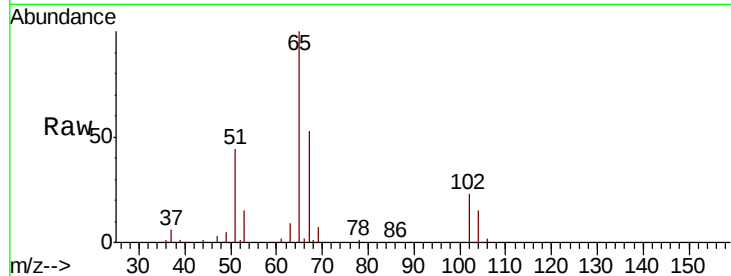
SODUP02_121318

Tot Ion: 65 Resp: 530552

Ion Ratio Lower Upper

65 100

67 52.6 0.0 106.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

250000

200000

150000

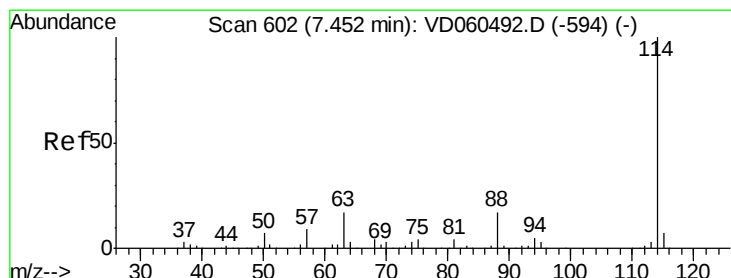
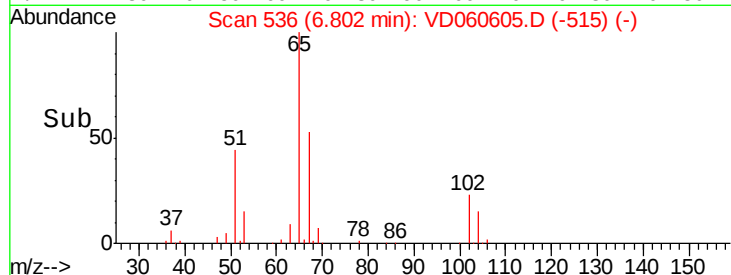
100000

50000

0

6.70 6.80 6.90 7.00

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 7.46 min Scan# 603

Delta R.T. 0.01 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

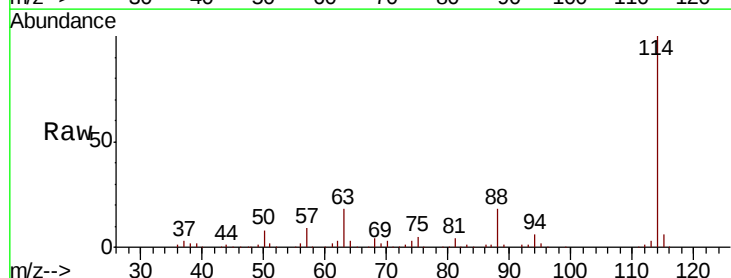
Tgt Ion: 114 Resp: 1931627

Ion Ratio Lower Upper

114 100

63 17.7 0.0 34.2

88 18.1 0.0 35.0



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

1000000

800000

600000

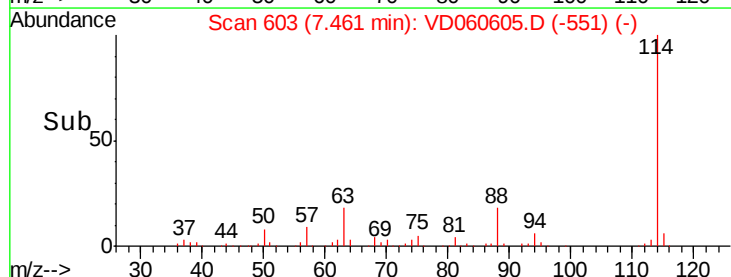
400000

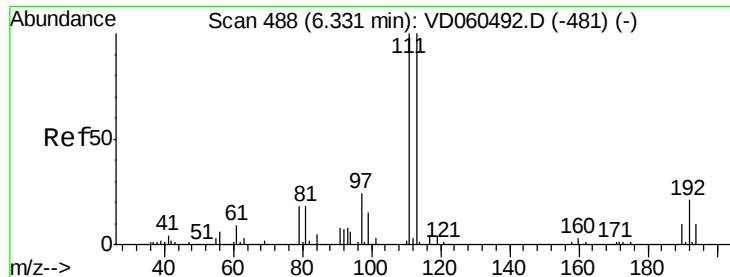
200000

0

7.30 7.40 7.50 7.60 7.70

Time-->

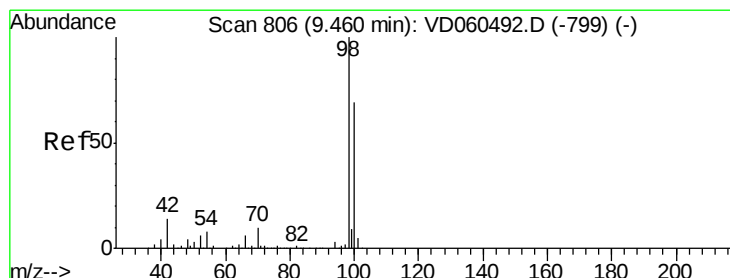
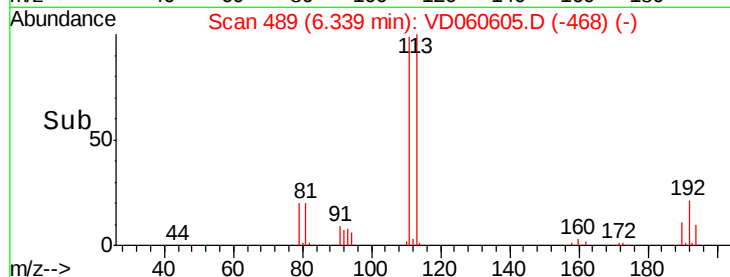
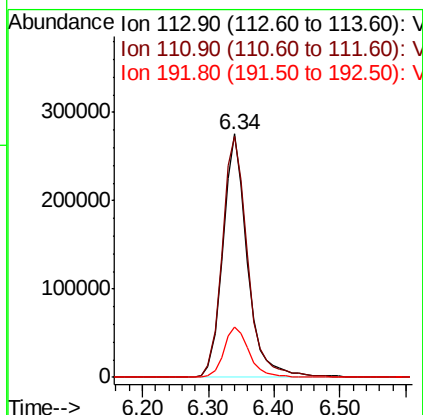
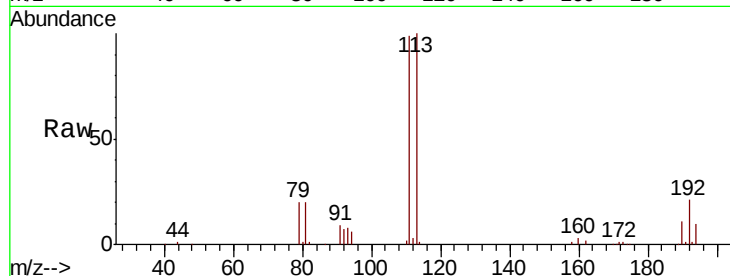




#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.34 min Scan# 489
 Delta R.T. 0.01 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

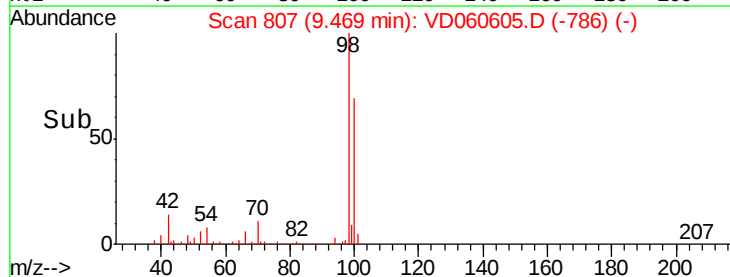
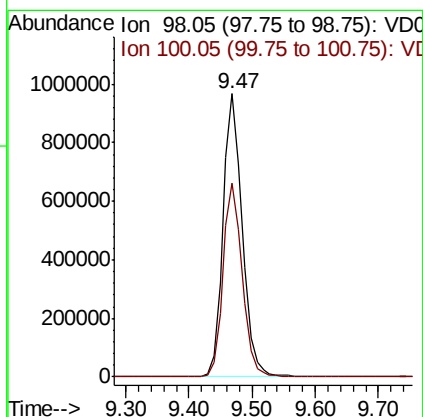
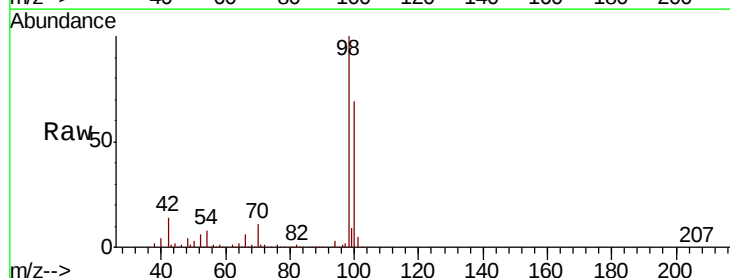
Instrument :
 MSVOA_D
 ClientSampleId :
 SODUP02_121318

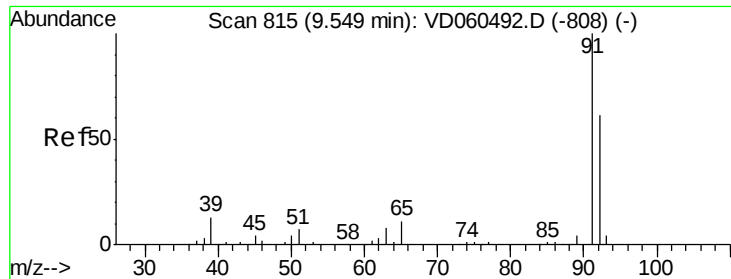
Tot Ion:113 Resp: 714339
 Ion Ratio Lower Upper
 113 100
 111 99.2 80.2 120.4
 192 20.9 16.6 24.8



#50
 Toluene-d8
 Concen: N.D. ug/l
 RT: 9.47 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VD060605.D
 Acq: 17 Dec 2018 17:55

Tgt Ion: 98 Resp: 2051869
 Ion Ratio Lower Upper
 98 100
 100 68.6 55.7 83.5





#52

Toluene

Concen: 1.099 ug/l

RT: 9.57 min Scan# 817

Delta R.T. 0.02 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

Instrument :

MSVOA_D

ClientSampleId :

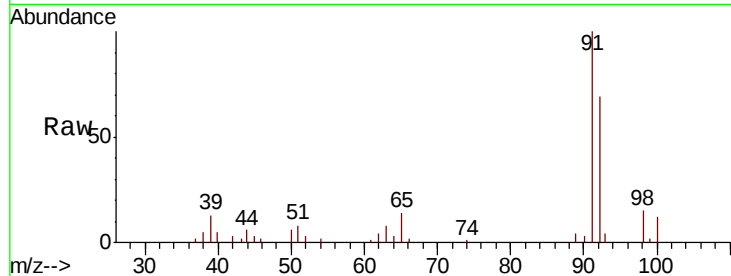
SODUP02_121318

Tot Ion: 92 Resp: 33138

Ion Ratio Lower Upper

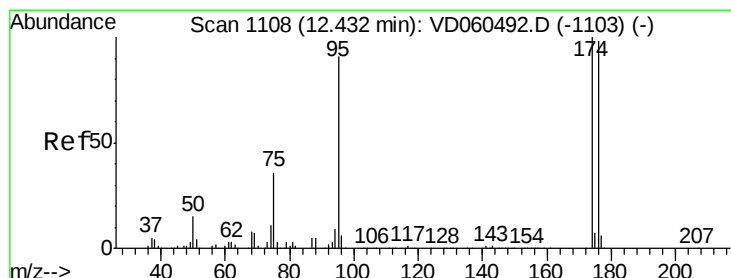
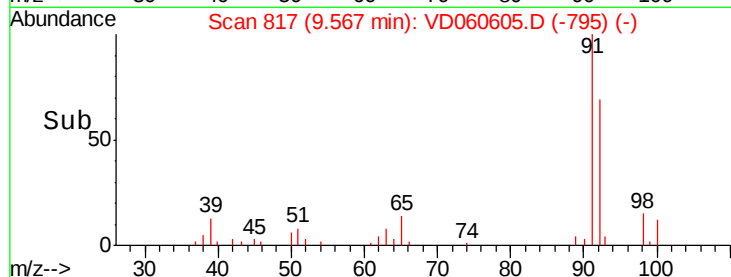
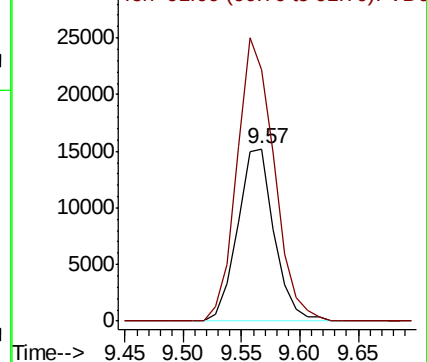
92 100

91 145.7 131.7 197.5



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.43 min Scan# 1108

Delta R.T. -0.00 min

Lab File: VD060605.D

Acq: 17 Dec 2018 17:55

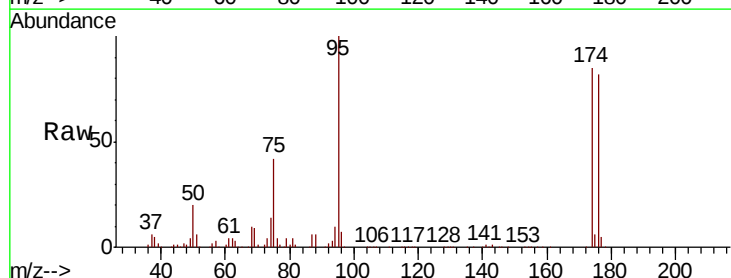
Tgt Ion: 95 Resp: 694971

Ion Ratio Lower Upper

95 100

174 85.0 0.0 219.4

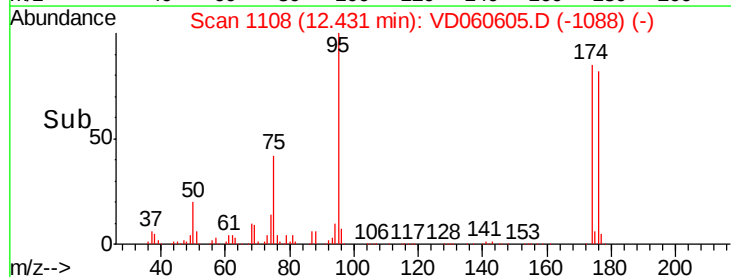
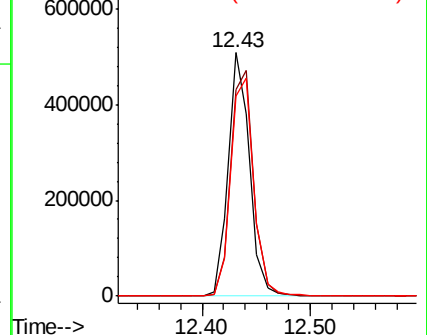
176 82.2 0.0 214.6

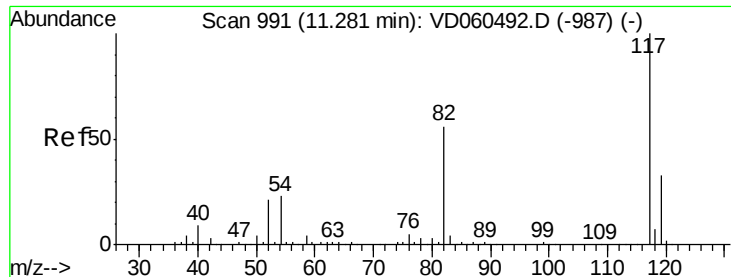


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

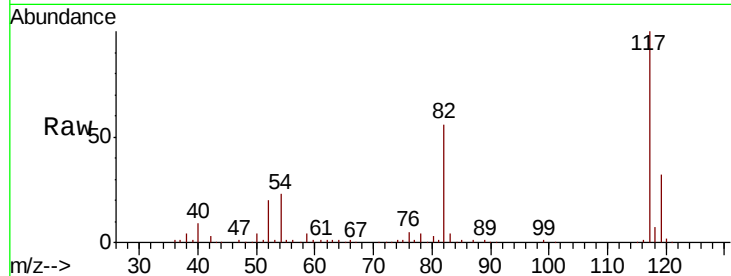




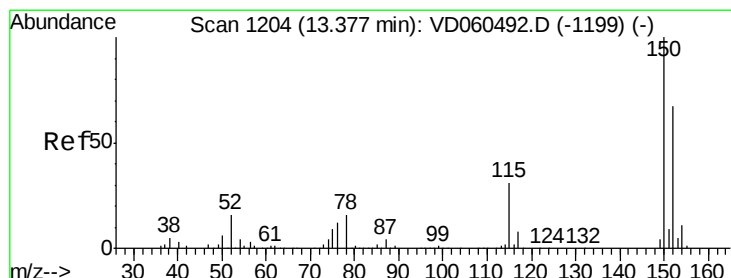
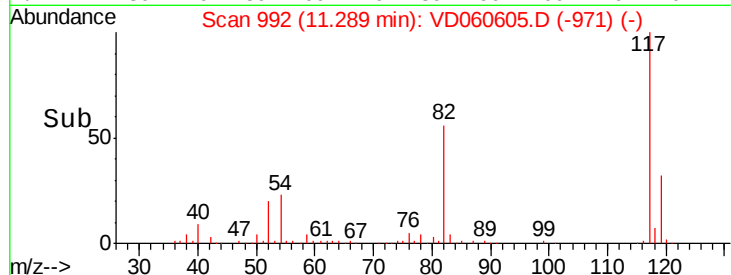
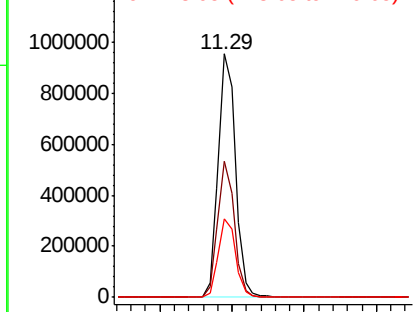
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.29 min Scan# 992
Delta R.T. 0.01 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

Instrument :
MSVOA_D
ClientSampleId :
SODUP02_121318

Tot Ion:117 Resp: 1567453
Ion Ratio Lower Upper
117 100
82 55.8 45.2 67.8
119 32.5 26.1 39.1

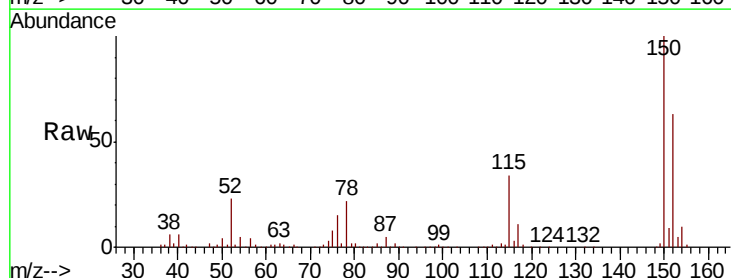


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.38 min Scan# 1204
Delta R.T. -0.00 min
Lab File: VD060605.D
Acq: 17 Dec 2018 17:55

Tgt Ion:152 Resp: 827948
Ion Ratio Lower Upper
152 100
115 54.6 24.6 74.0
150 158.3 0.0 309.0



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

