

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
 Data File : VD060577.D
 Acq On : 14 Dec 2018 17:01
 Operator : VA/AP
 Sample : J6403-25
 Misc : 3.52g/5ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-A

Quant Time: Dec 14 23:05:39 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

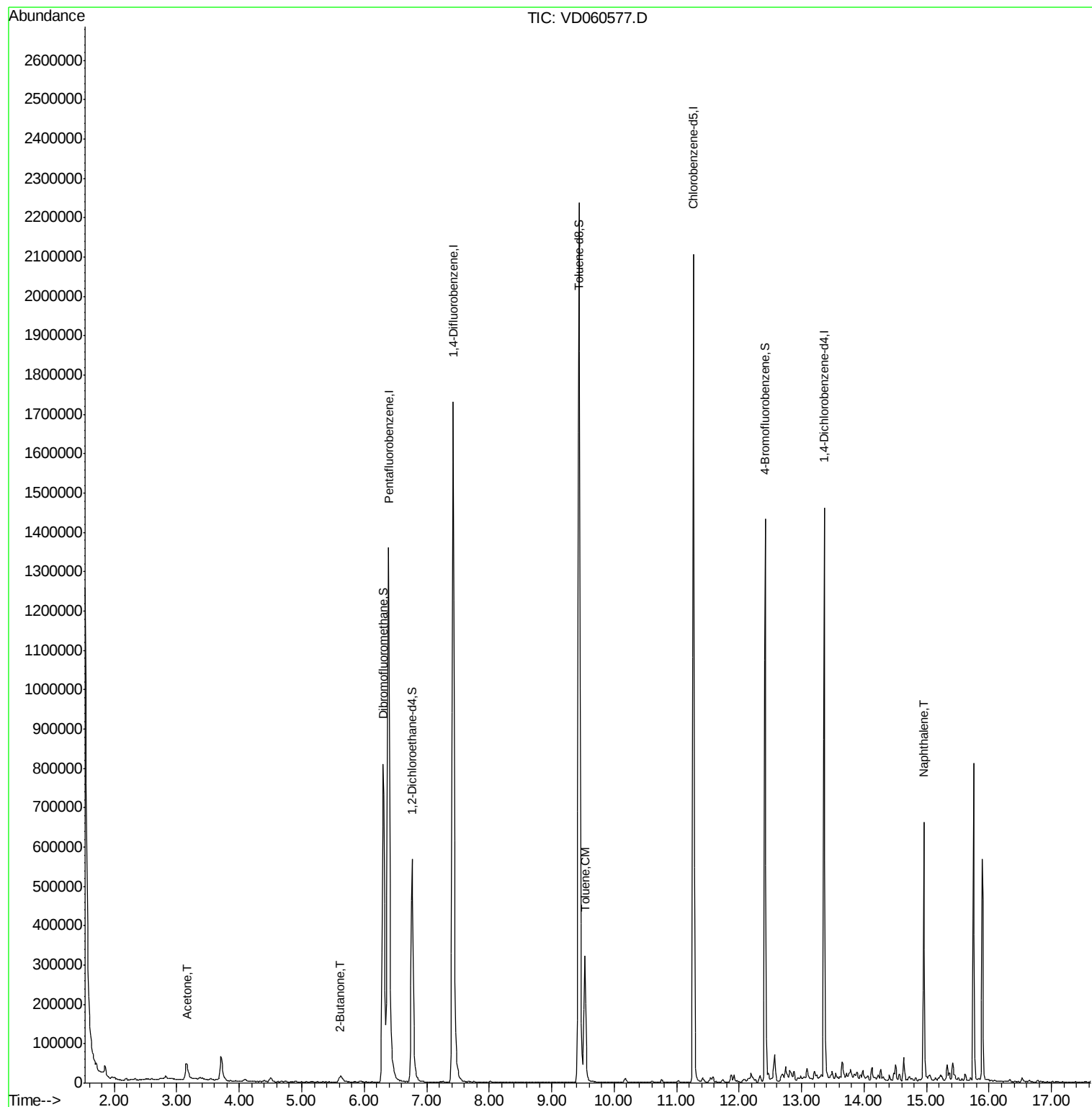
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.39	168	1425760	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	7.43	114	1882855	50.00	ug/l	-0.03
63) Chlorobenzene-d5	11.26	117	1142857	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	13.36	152	324109	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.77	65	461407	45.66	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	91.32%	
35) Dibromofluoromethane	6.31	113	662298	47.89	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	95.78%	
50) Toluene-d8	9.43	98	1816432	45.39	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	90.78%	
62) 4-Bromofluorobenzene	12.42	95	405582	28.32	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	56.64%	
Target Compounds						
16) Acetone	3.16	43	101227	62.491	ug/l	99
25) 2-Butanone	5.61	43	21902	6.872	ug/l	93
52) Toluene	9.52	92	171006	5.817	ug/l	97
95) Naphthalene	14.96	128	386950	46.644	ug/l	99

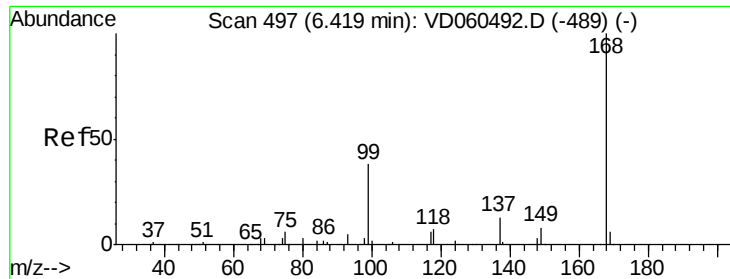
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD121418\
Data File : VD060577.D
Acq On : 14 Dec 2018 17:01
Operator : VA/AP
Sample : J6403-25
Misc : 3.52g/5ml/MSVOA_D/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-4-A

Quant Time: Dec 14 23:05:39 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D120518S.M
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: 6.39 min Scan# 495

Delta R.T. -0.03 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

Instrument :

MSVOA_D

ClientSampleId :

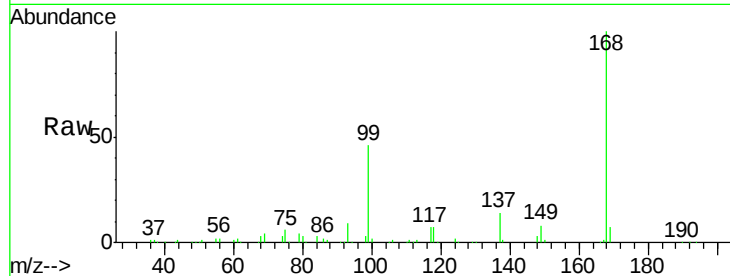
TP-4-A

Tgt Ion:168 Resp: 1425760

Ion Ratio Lower Upper

168 100

99 45.7 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.39

500000

400000

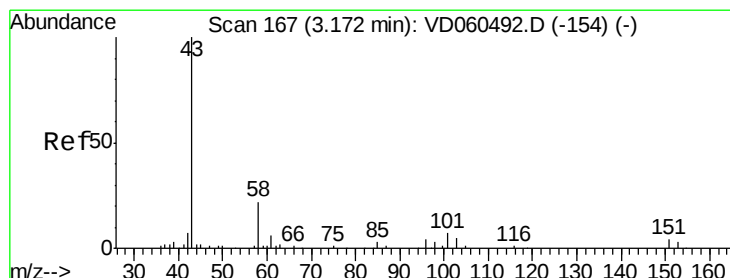
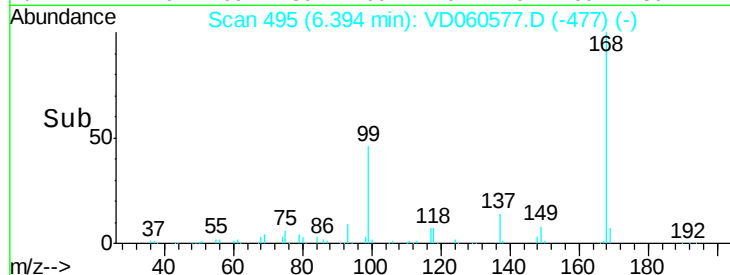
300000

200000

100000

0

Time--> 6.20 6.30 6.40 6.50 6.60



#16

Acetone

Concen: 62.491 ug/l

RT: 3.16 min Scan# 166

Delta R.T. -0.02 min

Lab File: VD060577.D

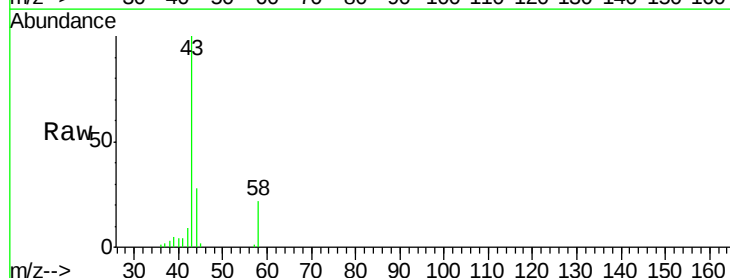
Acq: 14 Dec 2018 17:01

Tgt Ion: 43 Resp: 101227

Ion Ratio Lower Upper

43 100

58 21.9 17.3 25.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.16

30000

25000

20000

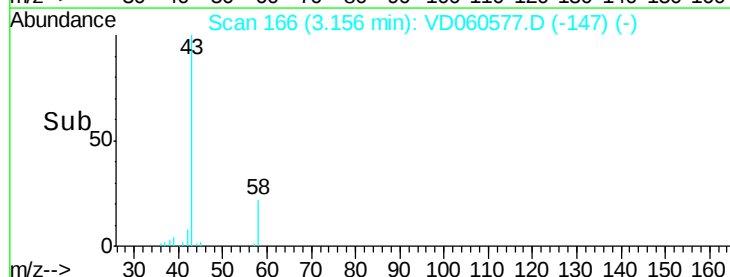
15000

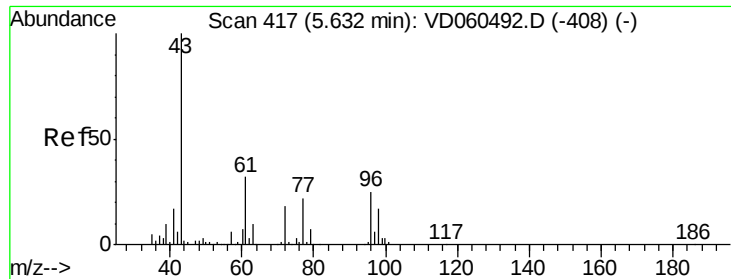
10000

5000

0

Time--> 3.10 3.20 3.30





#25

2-Butanone

Concen: 6.872 ug/l

RT: 5.61 min Scan# 415

Delta R.T. -0.03 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

Instrument :

MSVOA_D

ClientSampleId :

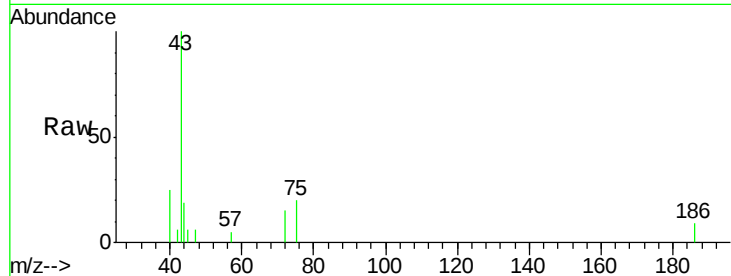
TP-4-A

Tgt Ion: 43 Resp: 21902

Ion Ratio Lower Upper

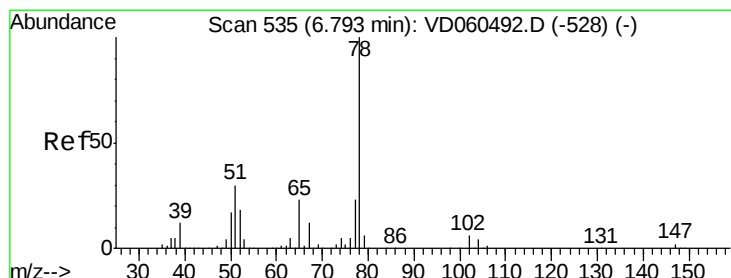
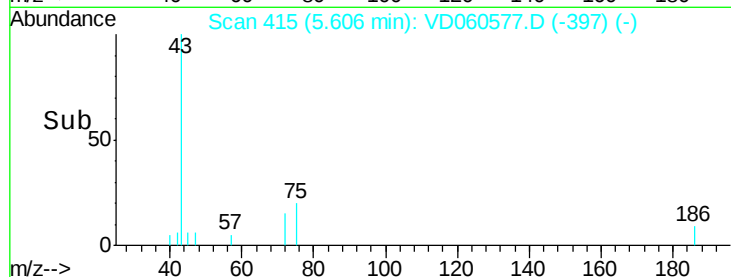
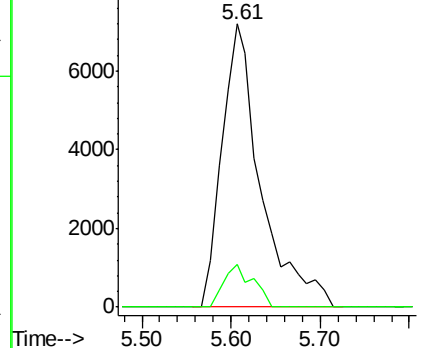
43 100

72 15.2 14.6 21.8



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. -0.03 min

Lab File: VD060577.D

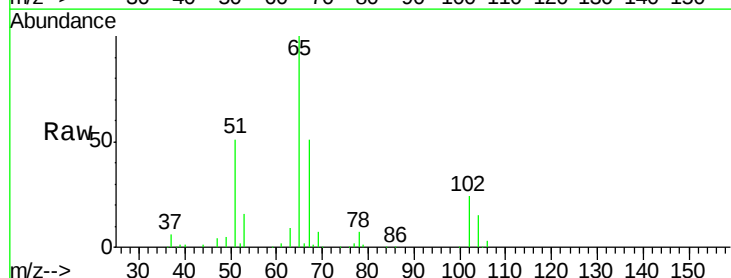
Acq: 14 Dec 2018 17:01

Tgt Ion: 65 Resp: 461407

Ion Ratio Lower Upper

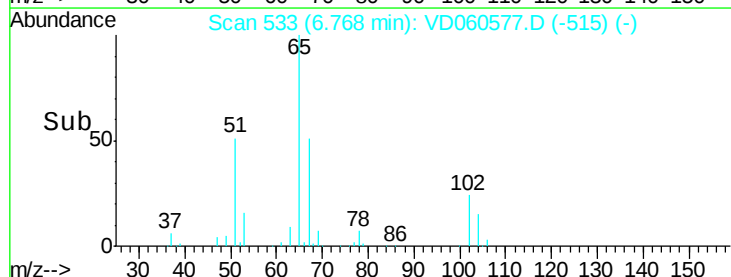
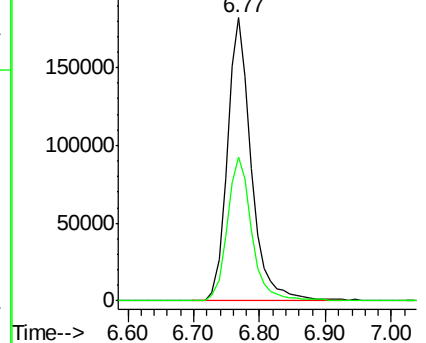
65 100

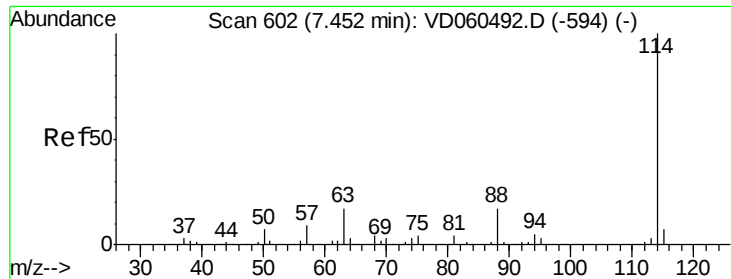
67 50.9 0.0 106.8



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. -0.03 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

Instrument :

MSVOA_D

ClientSampled :

TP-4-A

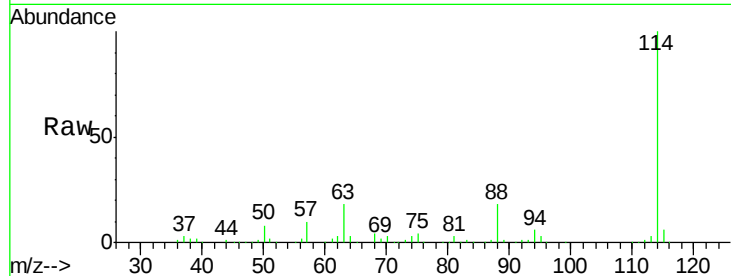
Tgt Ion:114 Resp: 1882855

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

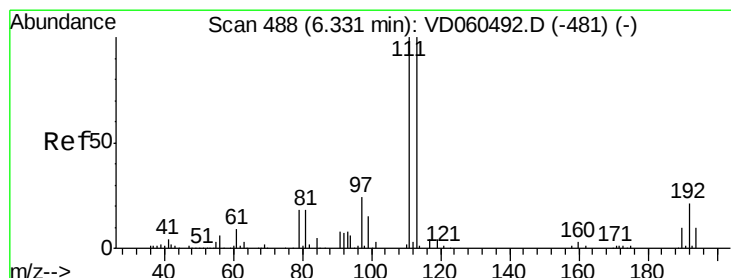
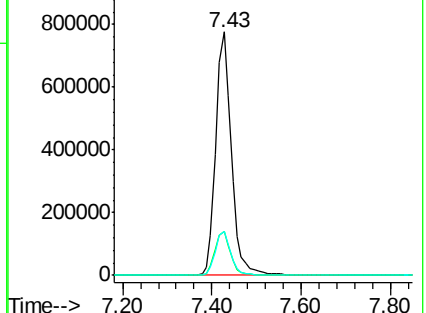
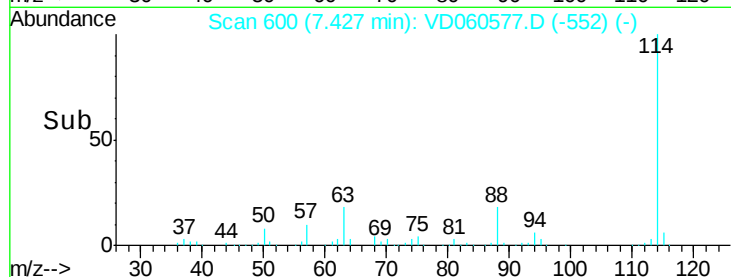
88 17.8 0.0 35.0



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: 6.31 min Scan# 486

Delta R.T. -0.03 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

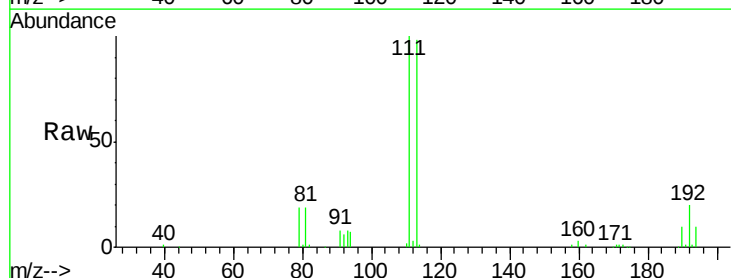
Tgt Ion:113 Resp: 662298

Ion Ratio Lower Upper

113 100

111 102.2 80.2 120.4

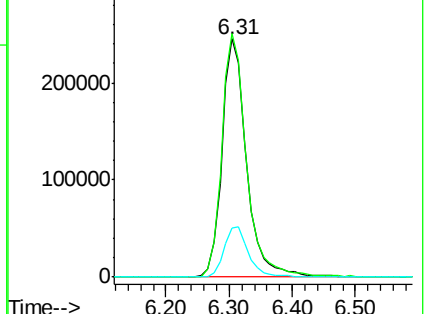
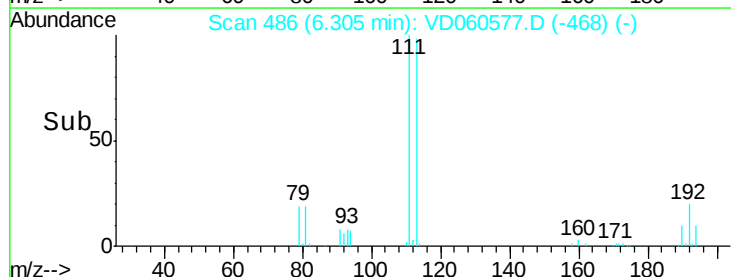
192 20.6 16.6 24.8

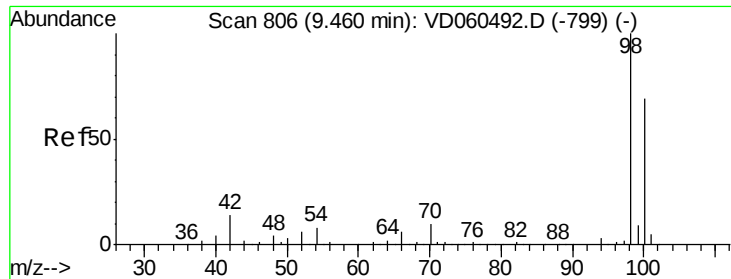


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

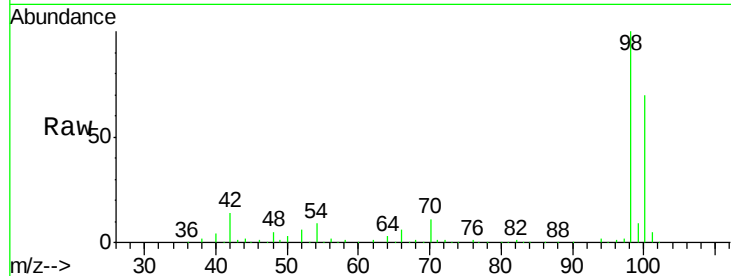




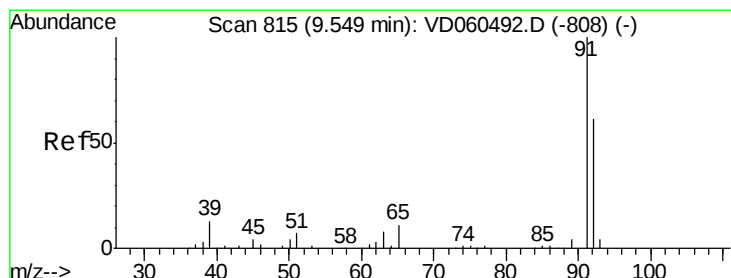
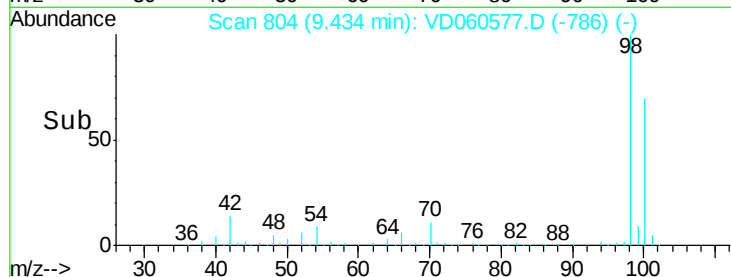
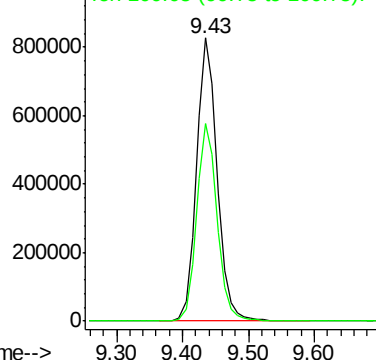
#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.43 min Scan# 804
Delta R.T. -0.03 min
Lab File: VD060577.D
Acq: 14 Dec 2018 17:01

Instrument :
MSVOA_D
ClientSampleId :
TP-4-A

Tgt Ion: 98 Resp: 1816432
Ion Ratio Lower Upper
98 100
100 69.7 55.7 83.5

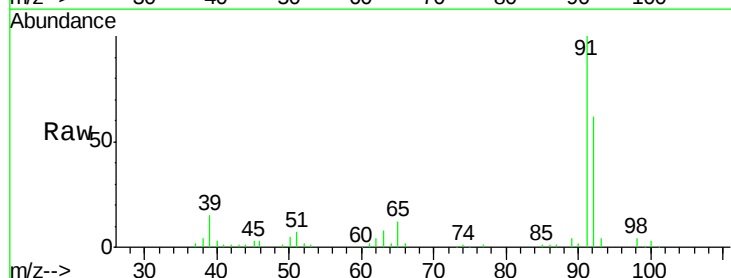


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

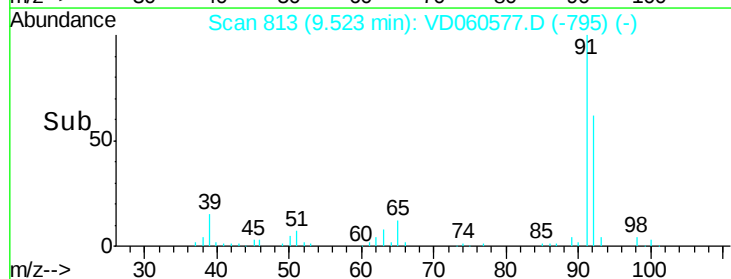
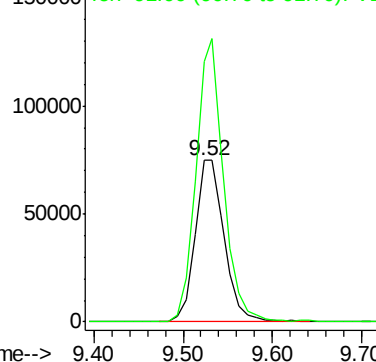


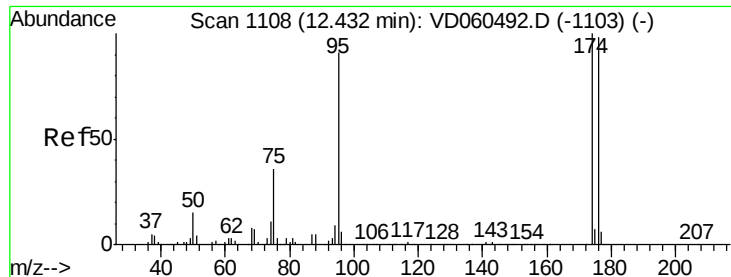
#52
Toluene
Concen: 5.817 ug/l
RT: 9.52 min Scan# 813
Delta R.T. -0.03 min
Lab File: VD060577.D
Acq: 14 Dec 2018 17:01

Tgt Ion: 92 Resp: 171006
Ion Ratio Lower Upper
92 100
91 160.7 131.7 197.5



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: 12.42 min Scan# 1107

Delta R.T. -0.02 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

Instrument :

MSVOA_D

ClientSampleId :

TP-4-A

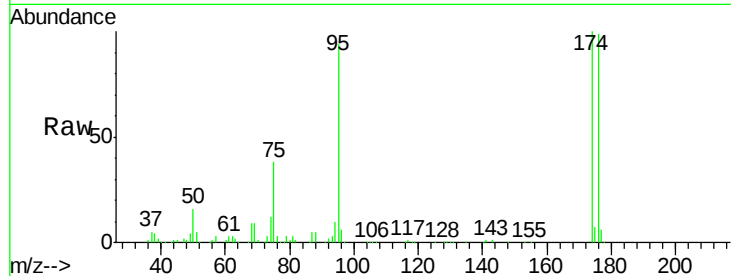
Tgt Ion: 95 Resp: 405582

Ion Ratio Lower Upper

95 100

174 106.6 0.0 219.4

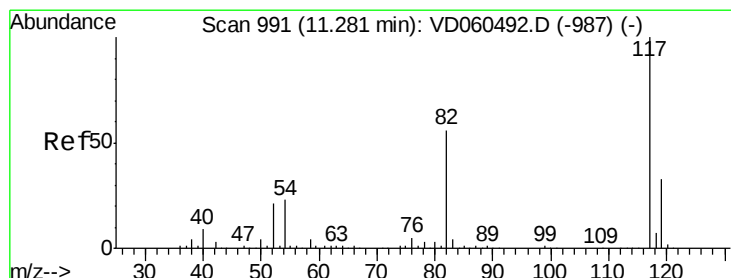
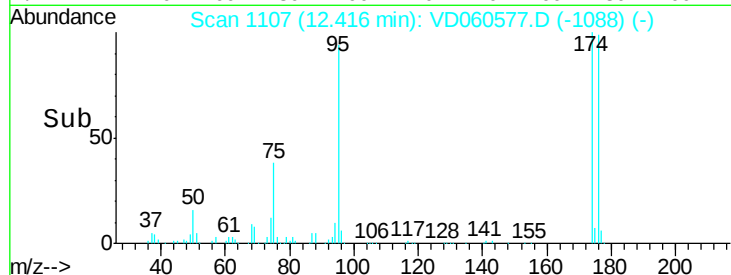
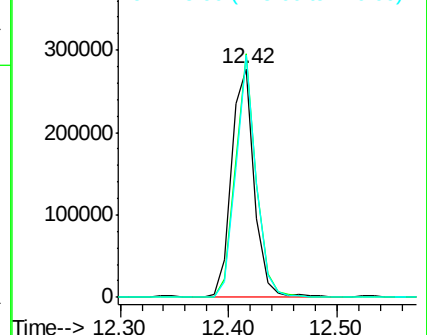
176 105.9 0.0 214.6



Abundance Ion 95.00 (94.70 to 95.70): V

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: 11.26 min Scan# 990

Delta R.T. -0.02 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

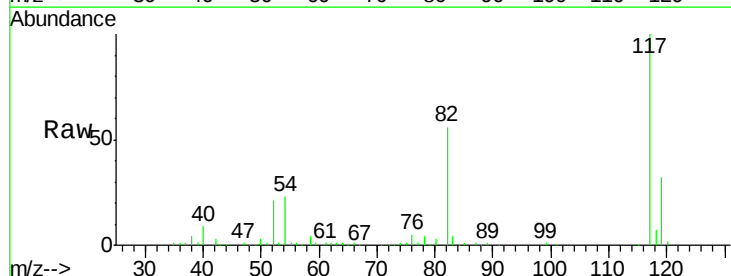
Tgt Ion: 117 Resp: 1142857

Ion Ratio Lower Upper

117 100

82 55.8 45.2 67.8

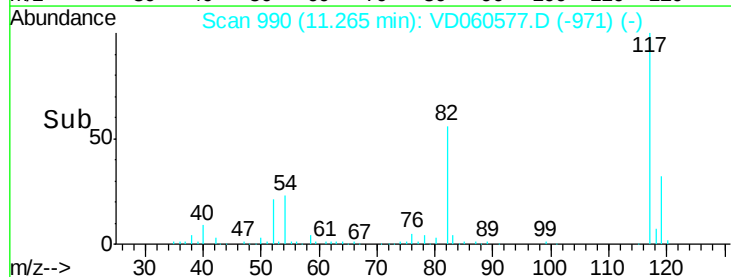
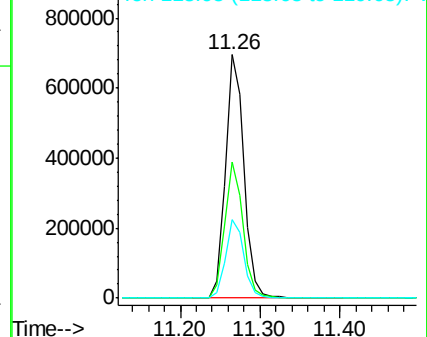
119 32.0 26.1 39.1

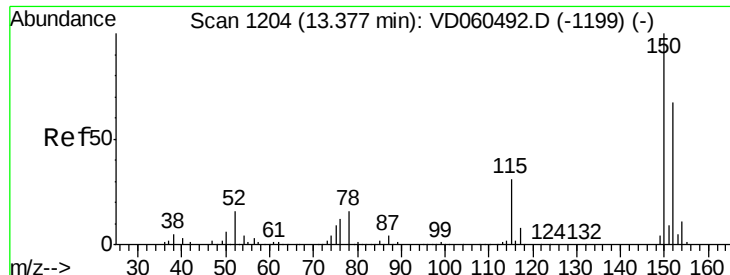


Abundance Ion 116.95 (116.65 to 117.65): V

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: 13.36 min Scan# 1203

Delta R.T. -0.02 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

Instrument :

MSVOA_D

ClientSampleId :

TP-4-A

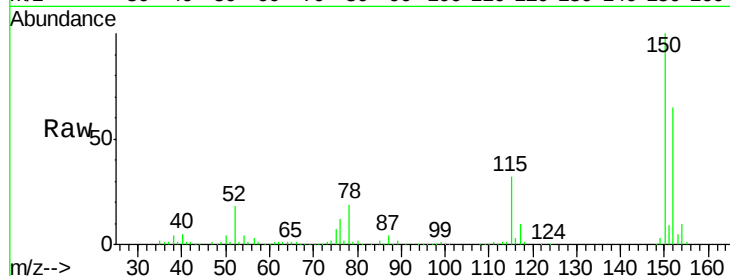
Tgt Ion:152 Resp: 324109

Ion Ratio Lower Upper

152 100

115 48.6 24.6 74.0

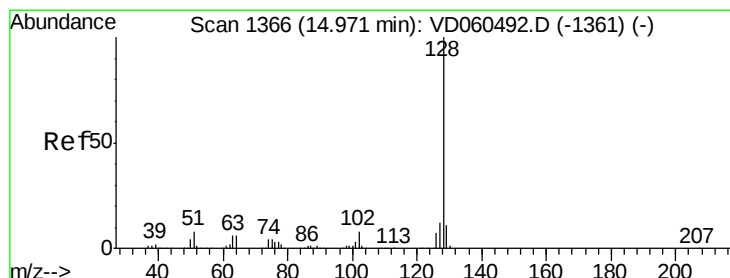
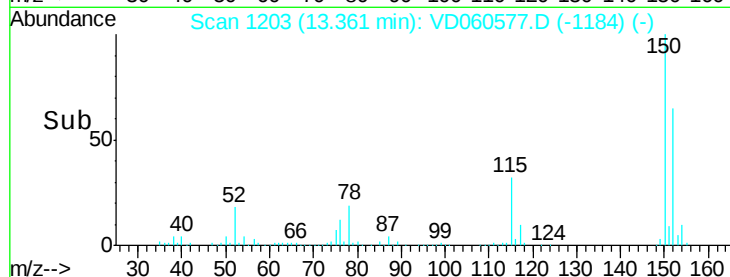
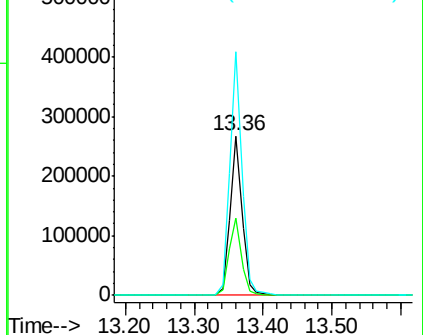
150 152.7 0.0 309.0



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



#95

Naphthalene

Concen: 46.644 ug/l

RT: 14.96 min Scan# 1365

Delta R.T. -0.02 min

Lab File: VD060577.D

Acq: 14 Dec 2018 17:01

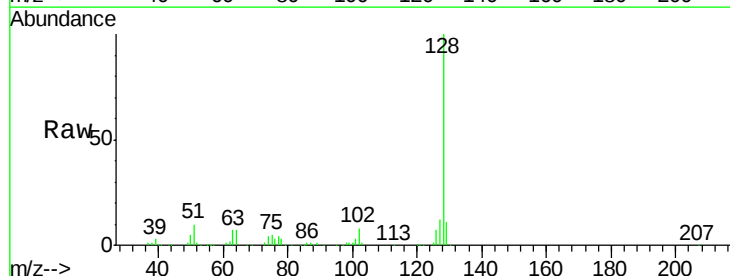
Tgt Ion:128 Resp: 386950

Ion Ratio Lower Upper

128 100

127 12.1 9.8 14.8

129 10.6 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

