

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121318\
 Data File : VD060565.D
 Acq On : 13 Dec 2018 17:10
 Operator : VA/AP
 Sample : J6373-05
 Misc : 5.11g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-T1

Quant Time: Dec 14 01:49:53 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

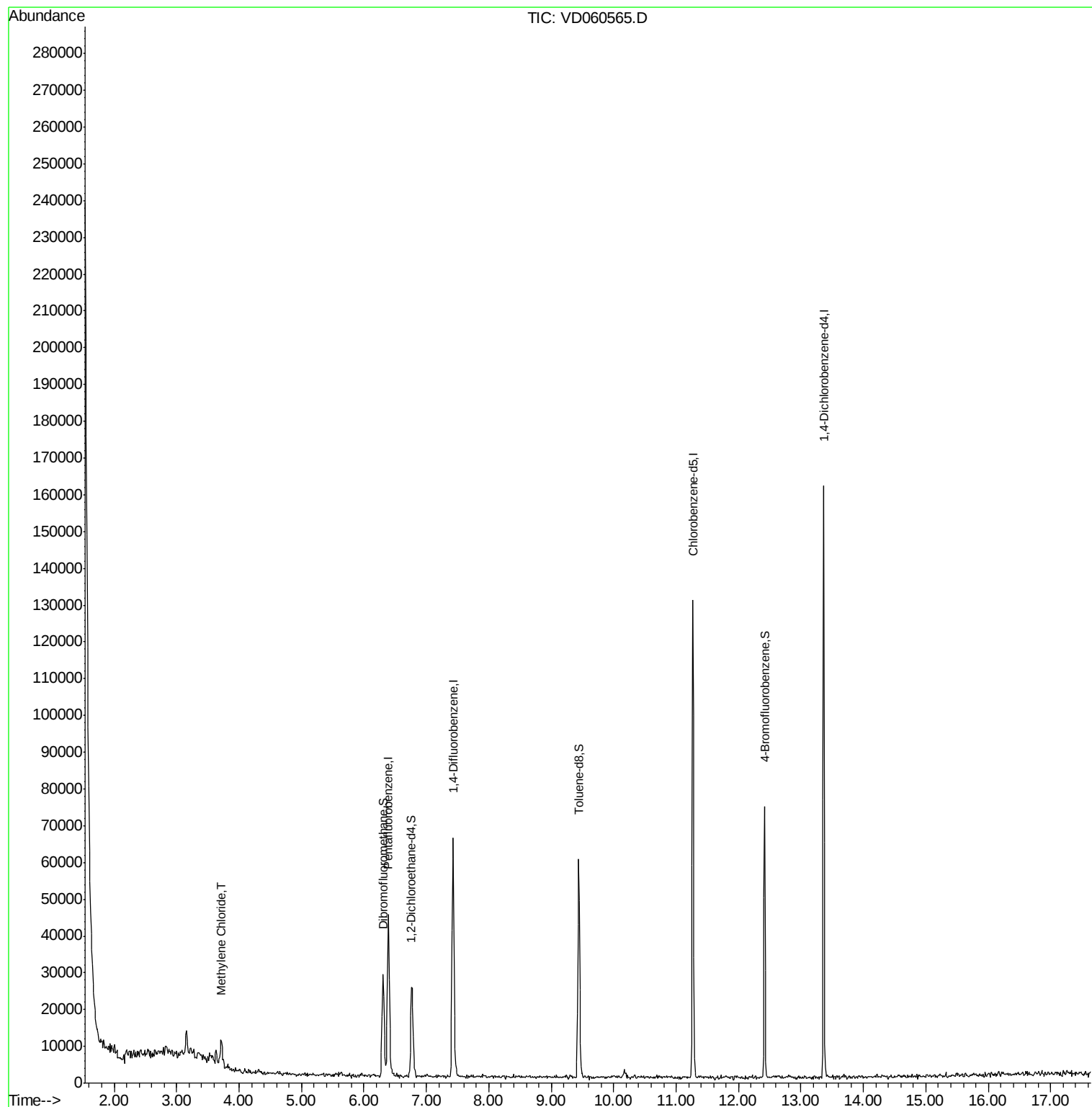
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.40	168	44897	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	7.43	114	71852	50.00	ug/l	-0.02
63) Chlorobenzene-d5	11.27	117	68072	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	13.36	152	32303	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.76	65	24263	76.24	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	152.48%	
35) Dibromofluoromethane	6.31	113	22457	42.55	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	85.10%	
50) Toluene-d8	9.44	98	48650	31.85	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	63.70%	
62) 4-Bromofluorobenzene	12.42	95	20512	37.53	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	75.06%	
Target Compounds						
20) Methylene Chloride	3.71	84	4180	4.889	ug/l #	Qvalue 80

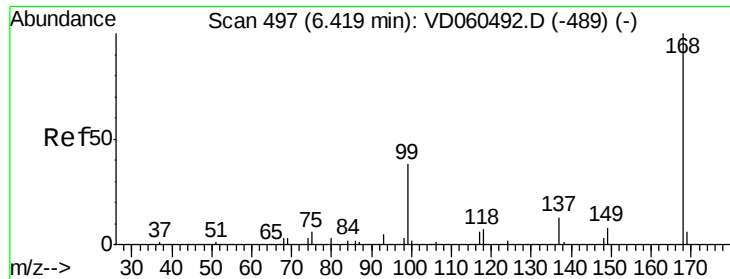
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.40 min Scan# 495

Delta R.T. -0.02 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

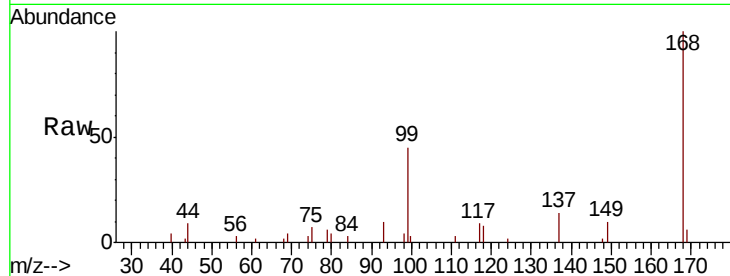
TP-T1

Tot Ion:168 Resp: 44897

Ion Ratio Lower Upper

168 100

99 44.8 35.6 53.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.40

15000

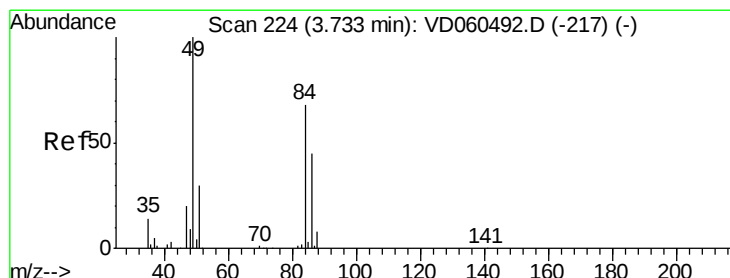
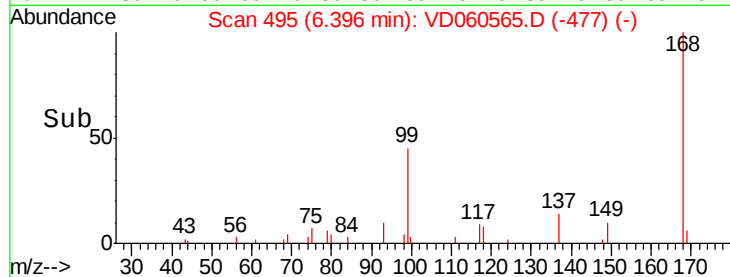
10000

5000

0

Time-->

6.30 6.40 6.50



#20

Methylene Chloride

Concen: 4.889 ug/l

RT: 3.71 min Scan# 222

Delta R.T. -0.02 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

Tgt Ion: 84 Resp: 4180

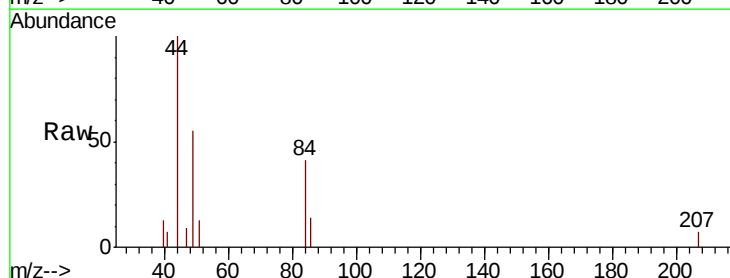
Ion Ratio Lower Upper

84 100

49 133.3 117.2 175.8

51 30.6 35.3 52.9#

86 35.1 53.2 79.8#



Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC

3000

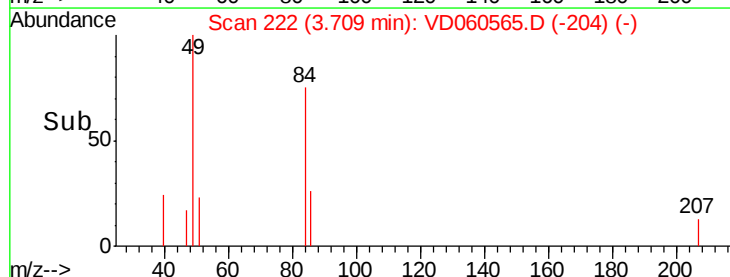
2000

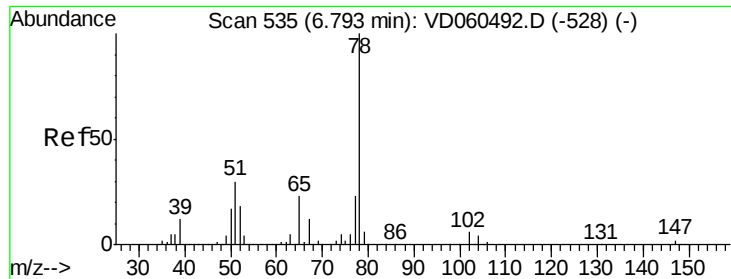
1000

0

Time-->

3.65 3.70 3.75 3.80





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 6.76 min Scan# 532

Delta R.T. -0.03 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

Instrument :

MSVOA_D

ClientSampled :

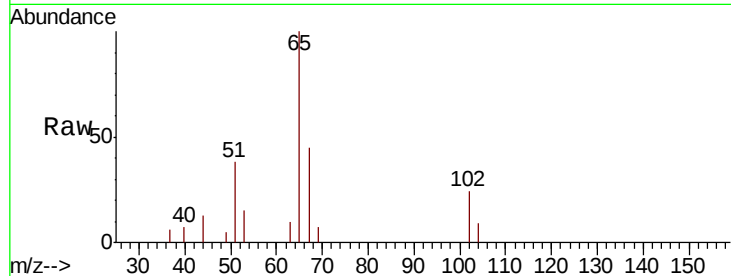
TP-T1

Tot Ion: 65 Resp: 24263

Ion Ratio Lower Upper

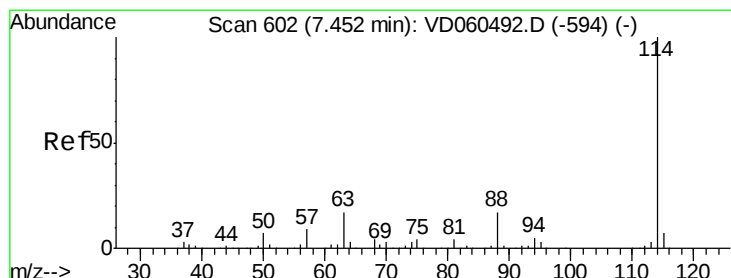
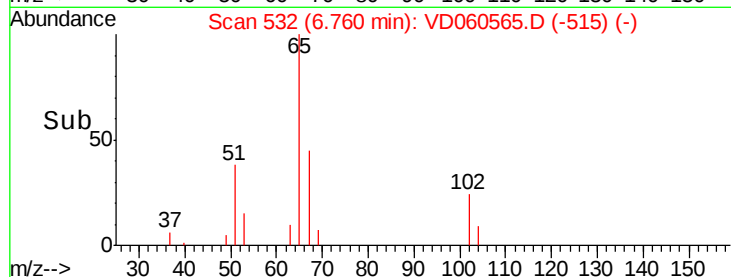
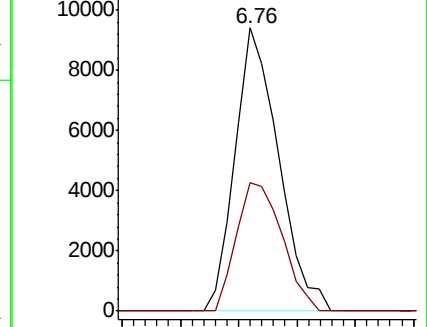
65 100

67 45.3 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. -0.02 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

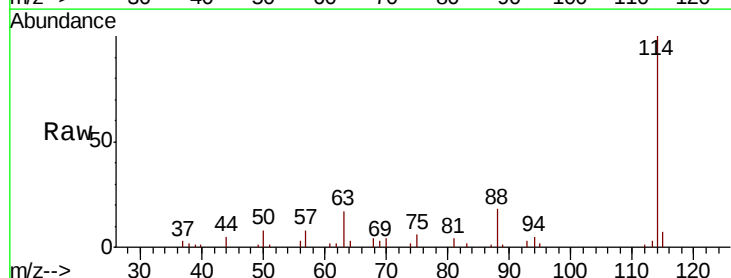
Tgt Ion: 114 Resp: 71852

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.2

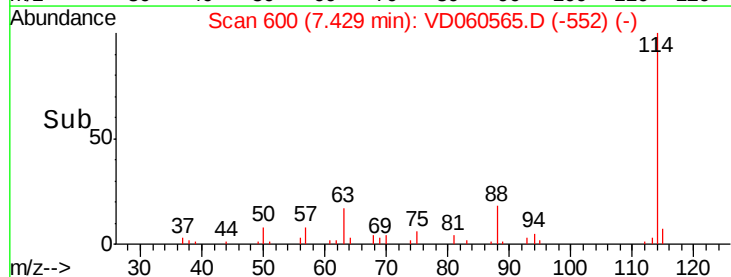
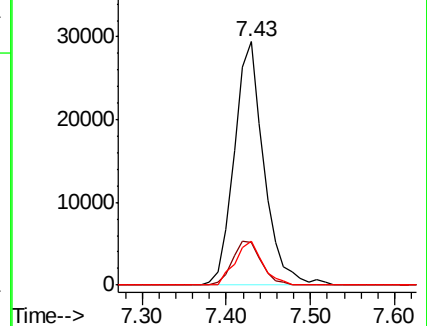
88 18.0 0.0 35.0

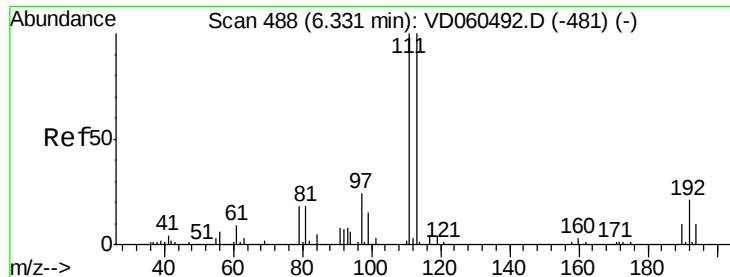


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

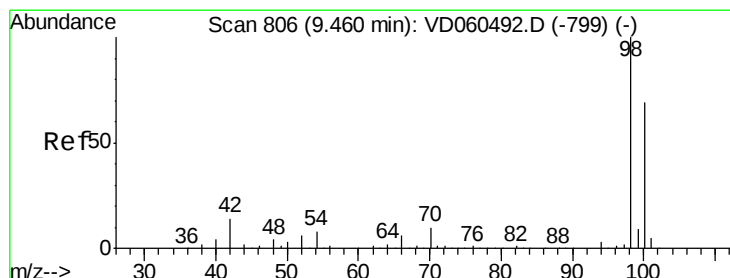
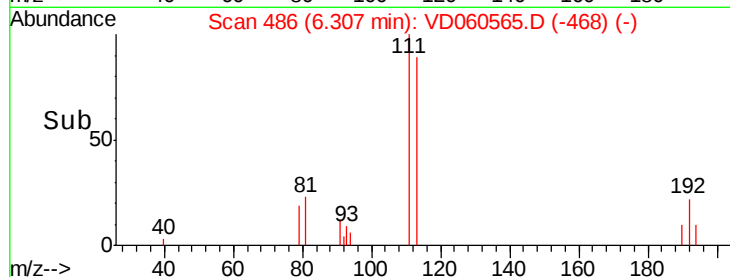
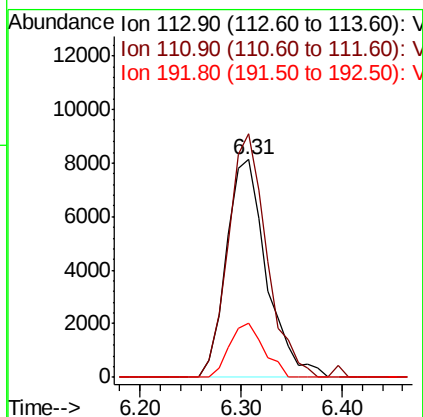
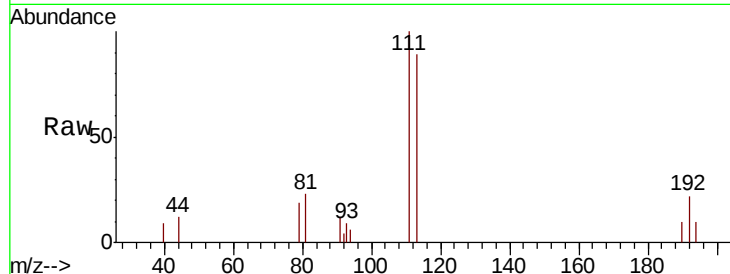




#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 6.31 min Scan# 486
Delta R.T. -0.02 min
Lab File: VD060565.D
Acq: 13 Dec 2018 17:10

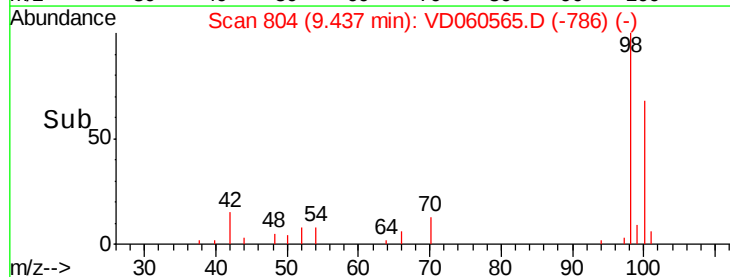
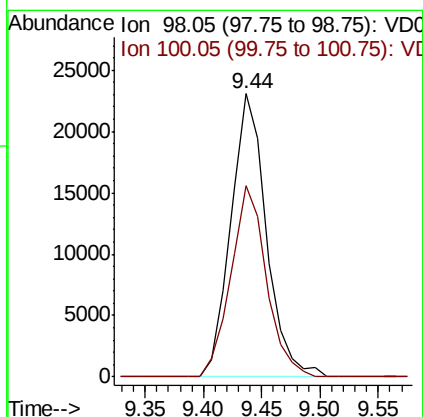
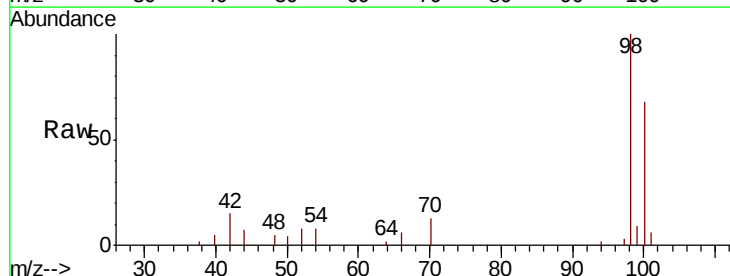
Instrument :
MSVOA_D
ClientSampleId :
TP-T1

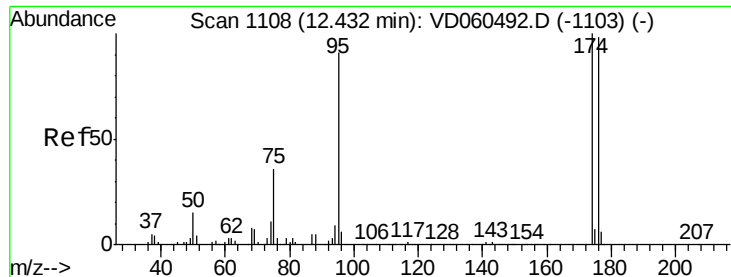
Tot Ion:113 Resp: 22457
Ion Ratio Lower Upper
113 100
111 111.8 80.2 120.4
192 25.0 16.6 24.8#



#50
Toluene-d8
Concen: N.D. ug/l
RT: 9.44 min Scan# 804
Delta R.T. -0.02 min
Lab File: VD060565.D
Acq: 13 Dec 2018 17:10

Tgt Ion: 98 Resp: 48650
Ion Ratio Lower Upper
98 100
100 67.7 55.7 83.5





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.42 min Scan# 1107

Delta R.T. -0.01 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

Instrument :

MSVOA_D

ClientSampleId :

TP-T1

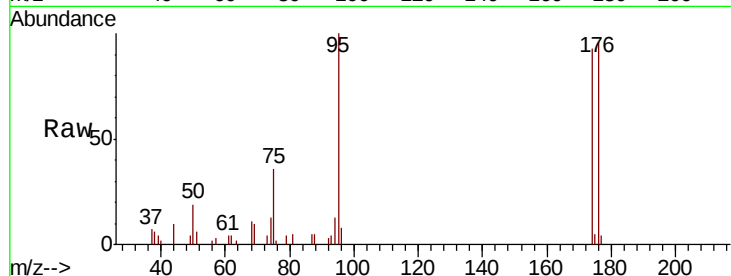
Tot Ion: 95 Resp: 20512

Ion Ratio Lower Upper

95 100

174 93.1 0.0 219.4

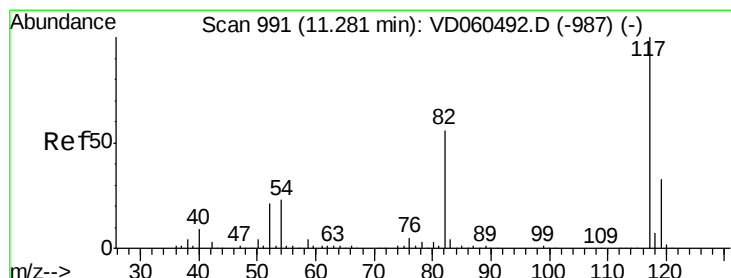
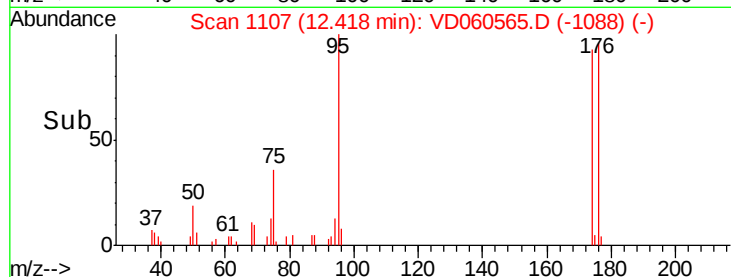
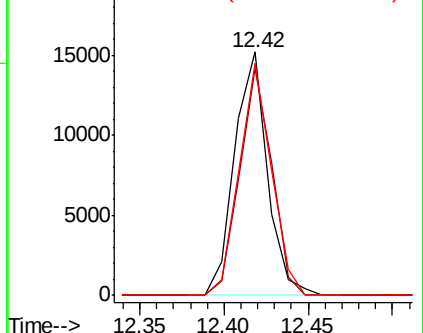
176 95.6 0.0 214.6



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: 11.27 min Scan# 990

Delta R.T. -0.01 min

Lab File: VD060565.D

Acq: 13 Dec 2018 17:10

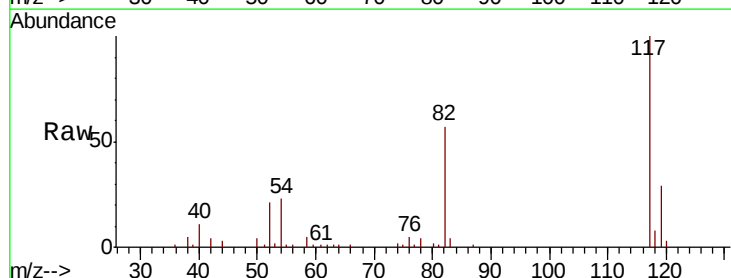
Tgt Ion: 117 Resp: 68072

Ion Ratio Lower Upper

117 100

82 56.6 45.2 67.8

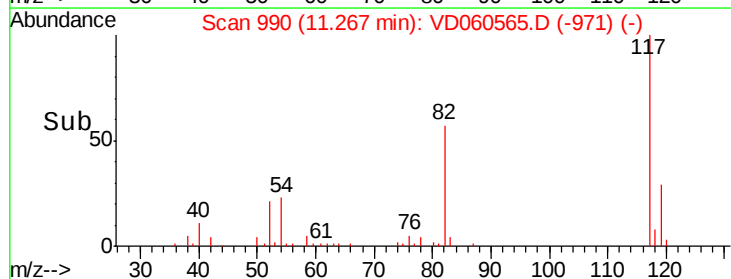
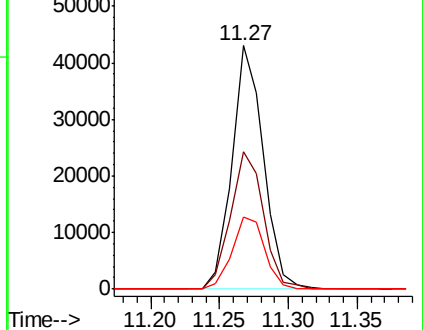
119 29.4 26.1 39.1

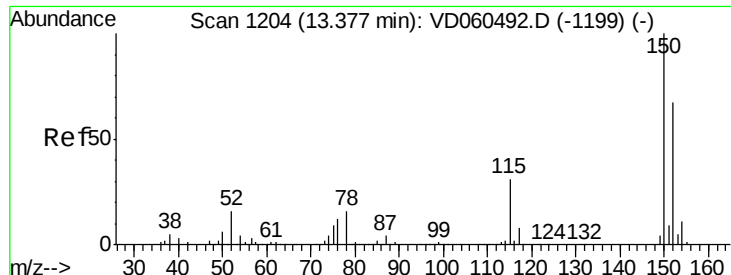


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

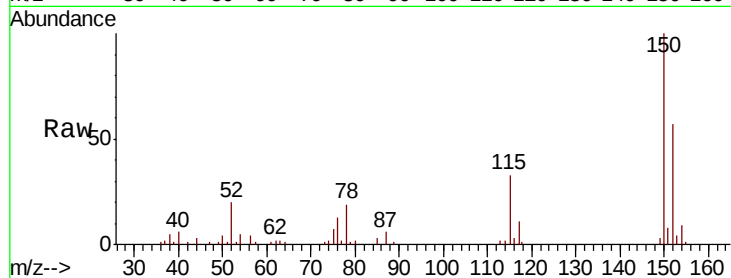




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.36 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: VD060565.D
 Acq: 13 Dec 2018 17:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-T1

Tot Ion:152 Resp: 32303
 Ion Ratio Lower Upper
 152 100
 115 56.9 24.6 74.0
 150 174.7 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

