

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD041119\
 Data File : VD061769.D
 Acq On : 12 Apr 2019 7:01
 Operator : VA/AP
 Sample : K2345-10
 Misc : 7.02g/5ml/MSVOA D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Quant Time: Apr 12 07:27:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D040619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 08 10:04:03 2019
 Response via : Initial Calibration

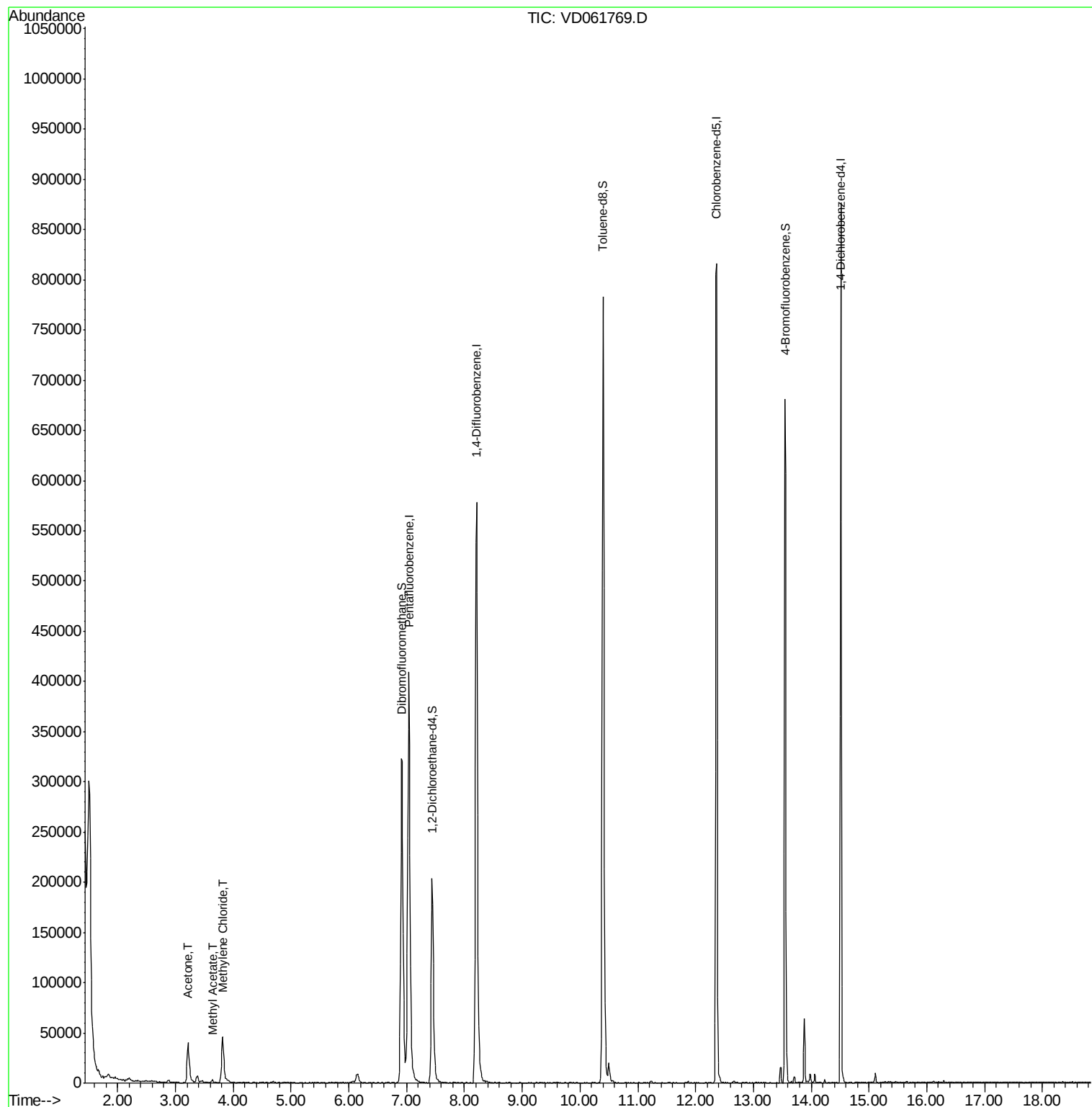
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	429160	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	746880	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	541411	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	208214	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	213622	65.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.34%	
35) Dibromofluoromethane	6.91	113	322619	62.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	124.70%	
50) Toluene-d8	10.39	98	732242	56.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.66%	
62) 4-Bromofluorobenzene	13.55	95	232054	50.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.98%	
Target Compounds						
16) Acetone	3.22	43	74864	76.986	ug/l	96
18) Methyl Acetate	3.64	43	5623	3.073	ug/l	91
20) Methylene Chloride	3.82	84	36644	6.641	ug/l	95

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD041119\
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MSVOA_D
ClientSampled :
TP-4

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Quant Title : SW846 8260
QLast Update : Mon Apr 08 10:04:03 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD061769.D

Acq: 12 Apr 2019 7:01

Instrument :

MSVOA_D

ClientSampleId :

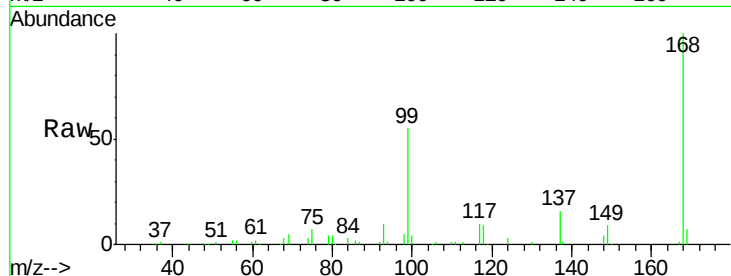
TP-4

Tot Ion:168 Resp: 429160

Ion Ratio Lower Upper

168 100

99 55.0 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

150000

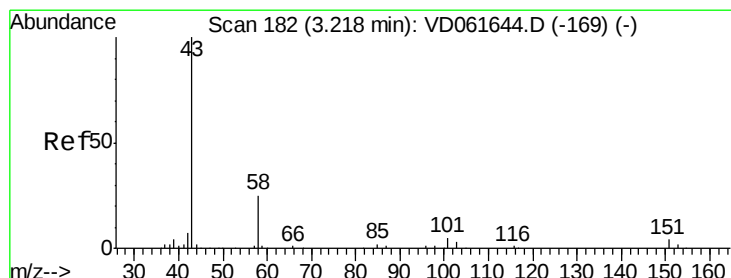
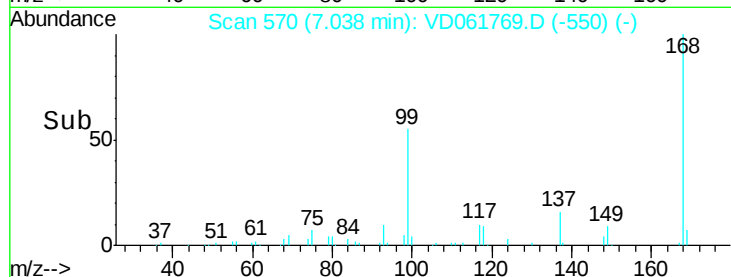
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 76.986 ug/l

RT: 3.22 min Scan# 182

Delta R.T. 0.00 min

Lab File: VD061769.D

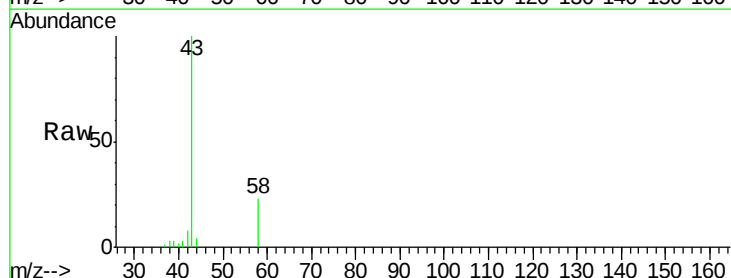
Acq: 12 Apr 2019 7:01

Tgt Ion: 43 Resp: 74864

Ion Ratio Lower Upper

43 100

58 22.5 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

30000

25000

20000

15000

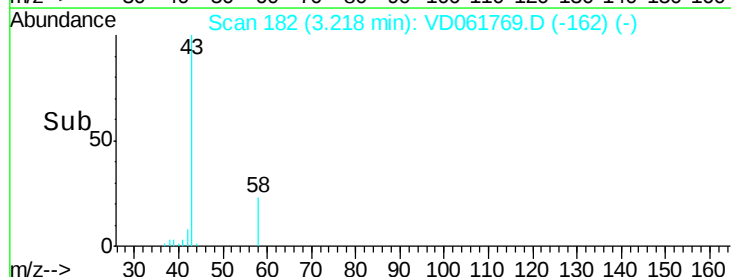
10000

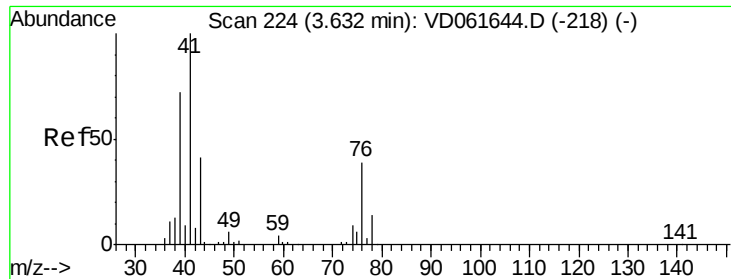
5000

0

3.10 3.20 3.30 3.40

Time-->

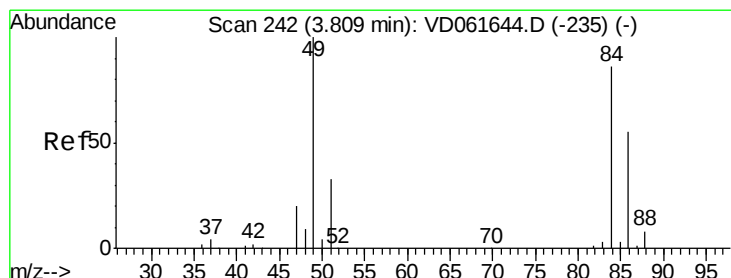
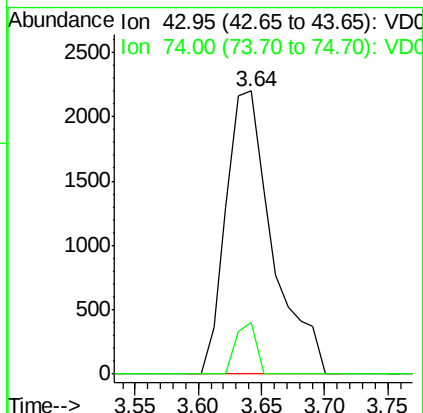
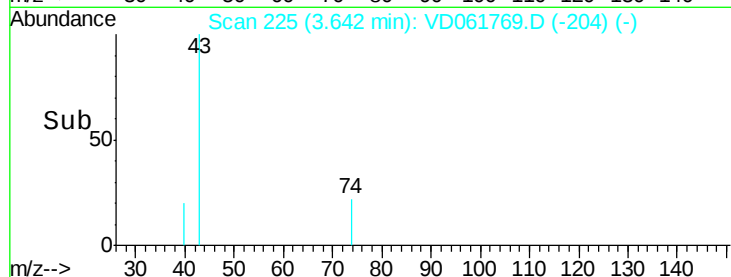
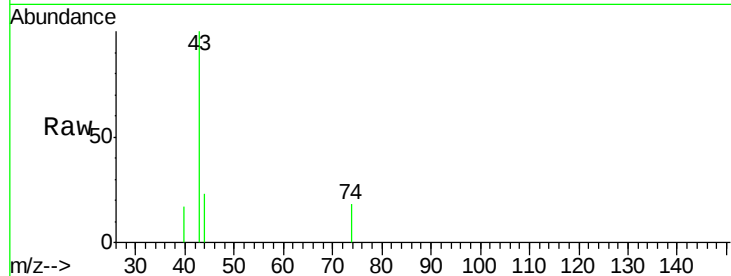




#18
Methyl Acetate
Concen: 3.073 ug/l
RT: 3.64 min Scan# 225
Delta R.T. 0.01 min
Lab File: VD061769.D
Acq: 12 Apr 2019 7:01

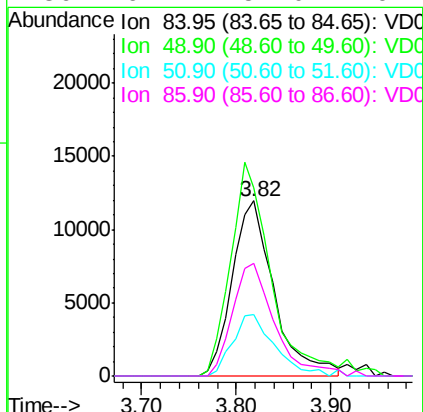
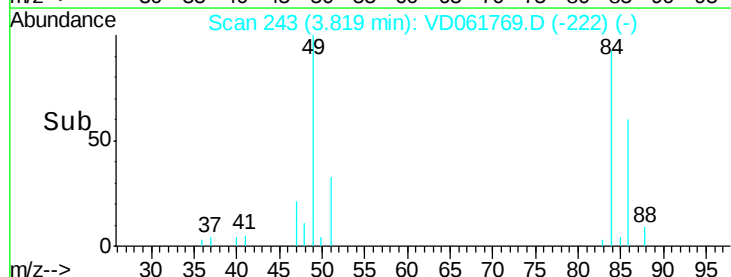
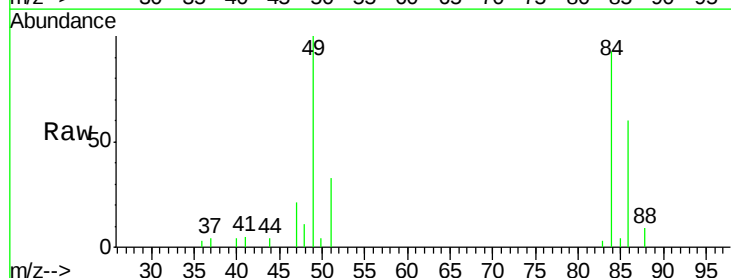
Instrument :
MSVOA_D
ClientSampleId :
TP-4

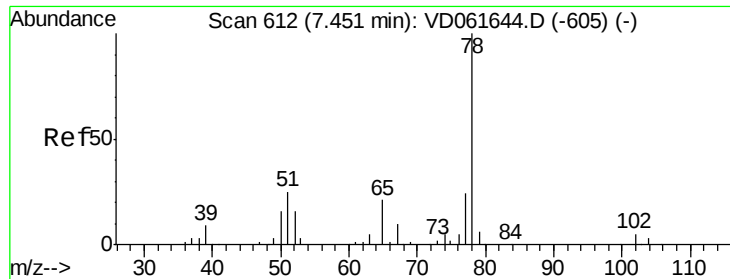
Tot Ion: 43 Resp: 5623
Ion Ratio Lower Upper
43 100
74 18.5 18.2 27.2



#20
Methylene Chloride
Concen: 6.641 ug/l
RT: 3.82 min Scan# 243
Delta R.T. 0.01 min
Lab File: VD061769.D
Acq: 12 Apr 2019 7:01

Tgt Ion: 84 Resp: 36644
Ion Ratio Lower Upper
84 100
49 107.0 93.0 139.4
51 35.1 30.4 45.6
86 64.1 51.0 76.4

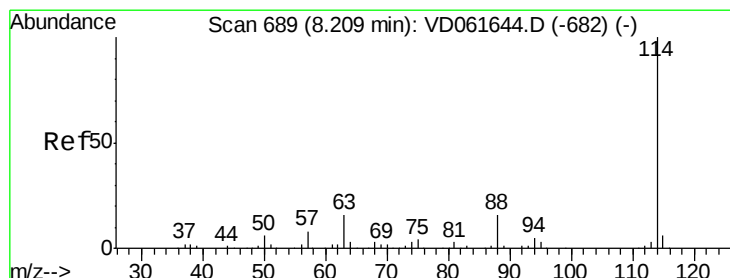
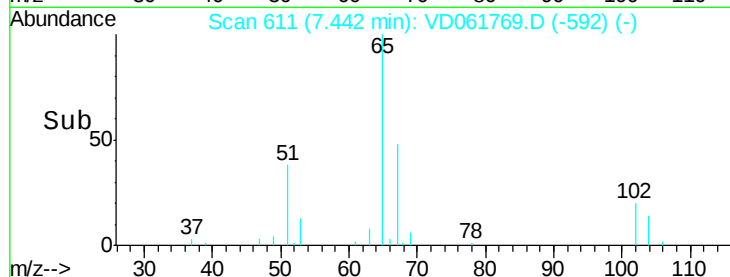
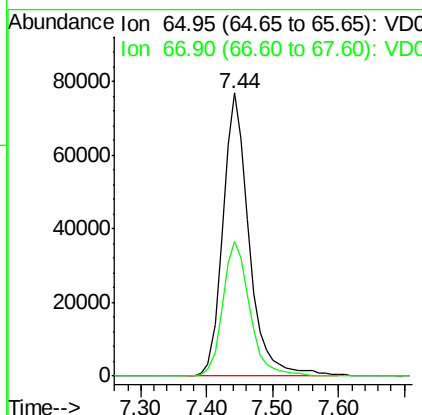
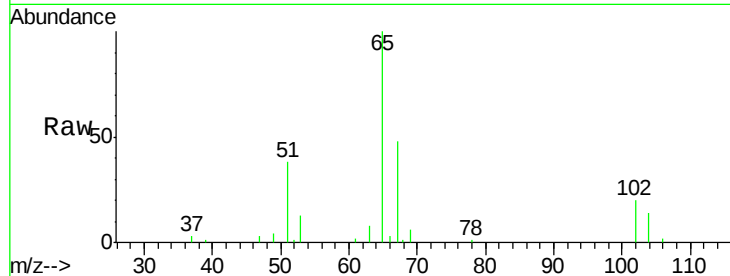




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.44 min Scan# 611
 Delta R.T. -0.01 min
 Lab File: VD061769.D
 Acq: 12 Apr 2019 7:01

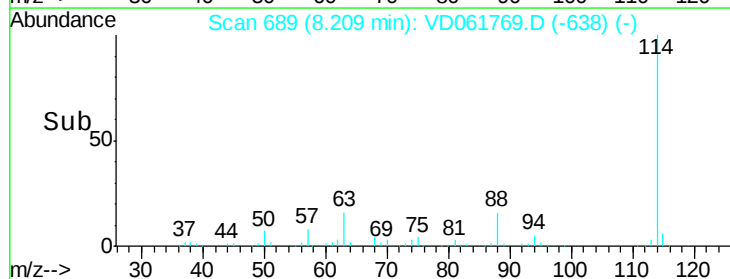
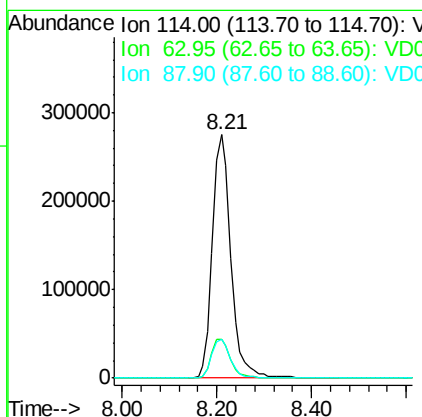
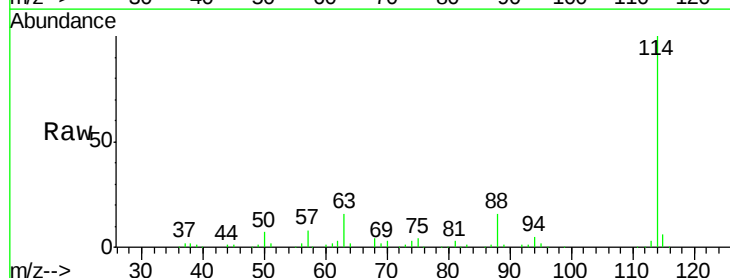
Instrument :
 MSVOA_D
 ClientSampled :
 TP-4

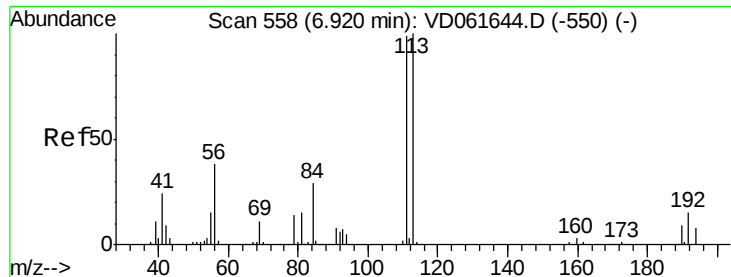
Tot Ion: 65 Resp: 213622
 Ion Ratio Lower Upper
 65 100
 67 47.8 0.0 99.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD061769.D
 Acq: 12 Apr 2019 7:01

Tgt Ion: 114 Resp: 746880
 Ion Ratio Lower Upper
 114 100
 63 16.1 0.0 31.2
 88 16.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.91 min Scan# 557

Delta R.T. -0.01 min

Lab File: VD061769.D

Acq: 12 Apr 2019 7:01

Instrument :

MSVOA_D

ClientSampleId :

TP-4

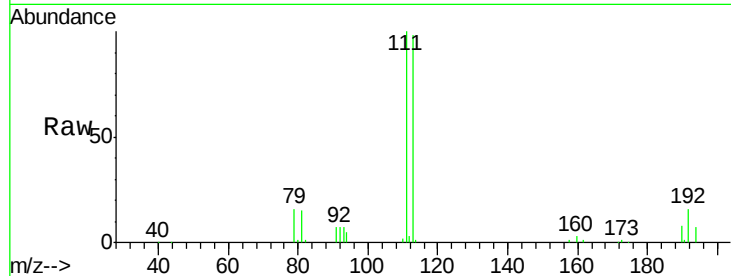
Tot Ion:113 Resp: 322619

Ion Ratio Lower Upper

113 100

111 101.6 79.3 118.9

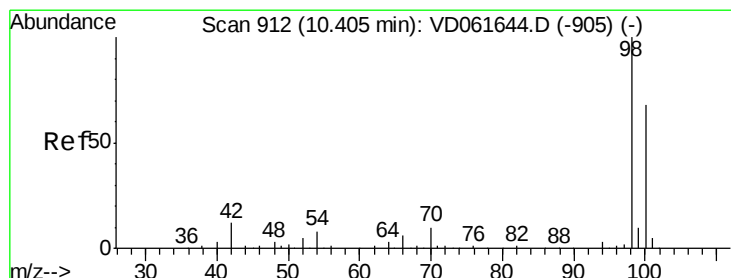
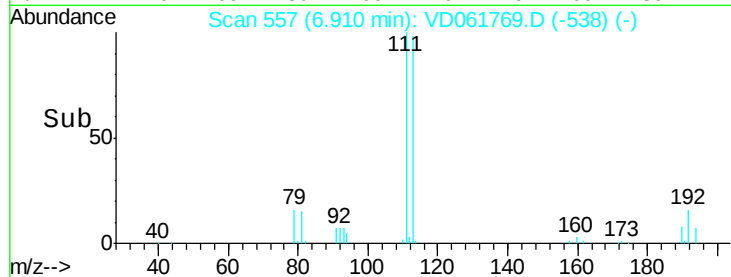
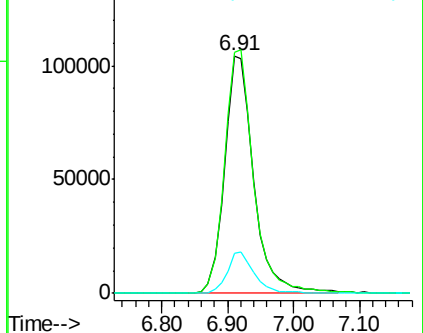
192 16.7 12.3 18.5



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: 10.39 min Scan# 911

Delta R.T. -0.01 min

Lab File: VD061769.D

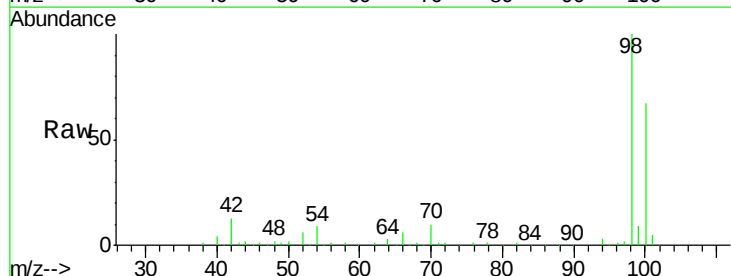
Acq: 12 Apr 2019 7:01

Tgt Ion: 98 Resp: 732242

Ion Ratio Lower Upper

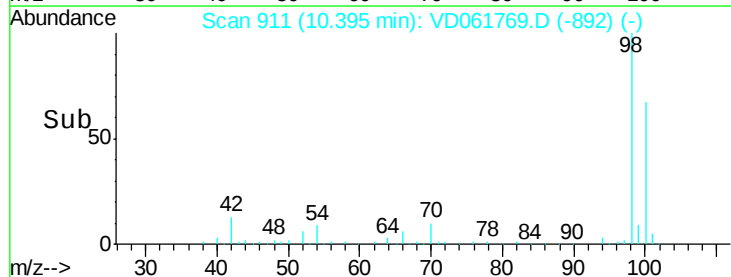
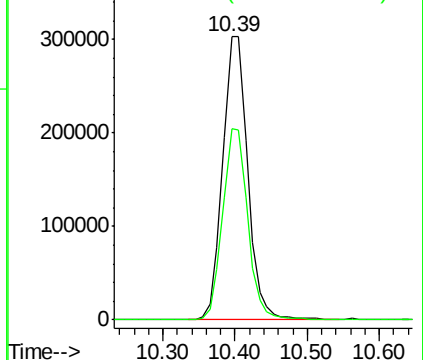
98 100

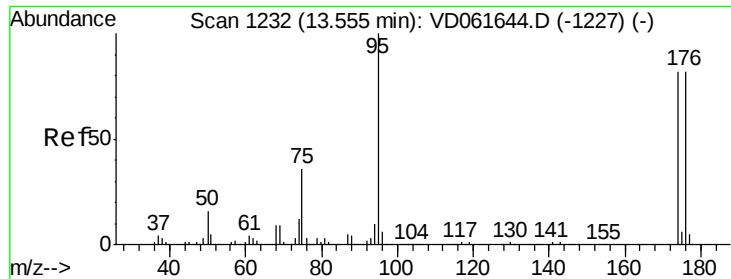
100 67.4 55.4 83.0



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061769.D

Acq: 12 Apr 2019 7:01

Instrument :

MSVOA_D

ClientSampleId :

TP-4

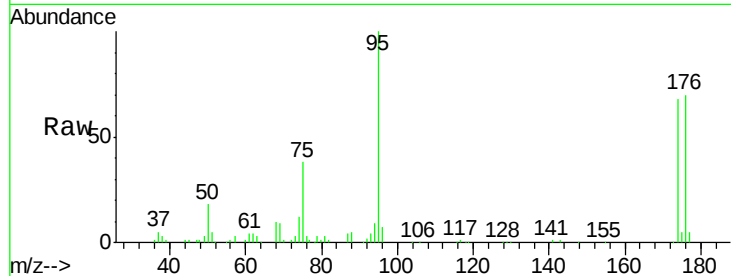
Tot Ion: 95 Resp: 232054

Ion Ratio Lower Upper

95 100

174 68.4 0.0 164.6

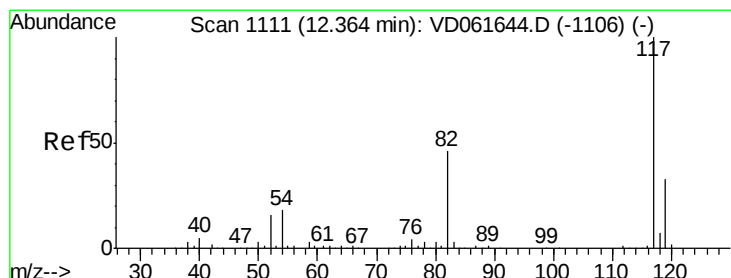
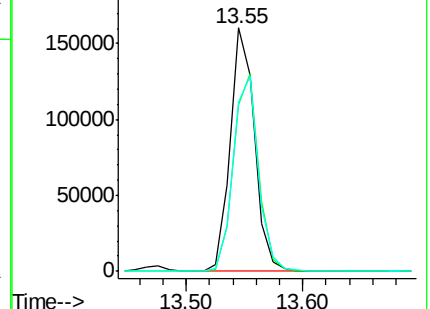
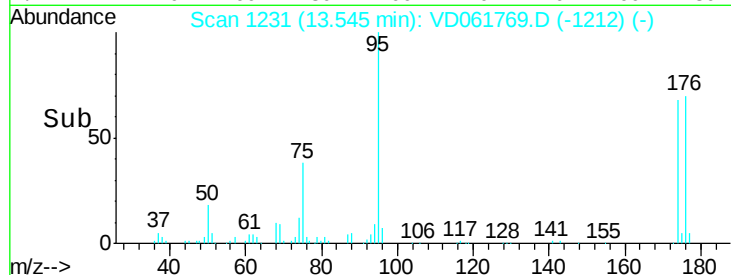
176 69.6 0.0 165.0



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: 12.36 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD061769.D

Acq: 12 Apr 2019 7:01

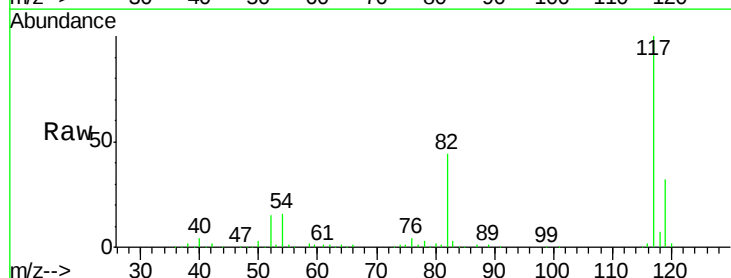
Tgt Ion: 117 Resp: 541411

Ion Ratio Lower Upper

117 100

82 43.9 36.8 55.2

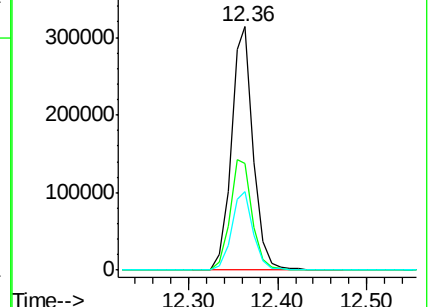
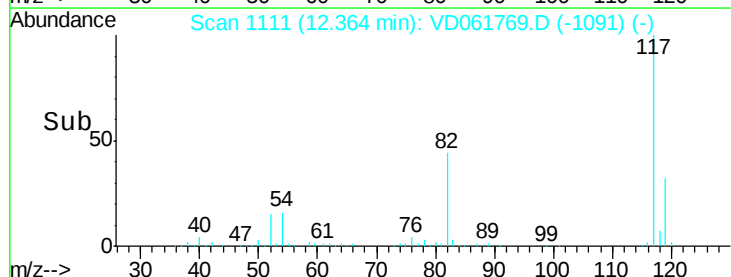
119 32.5 26.1 39.1

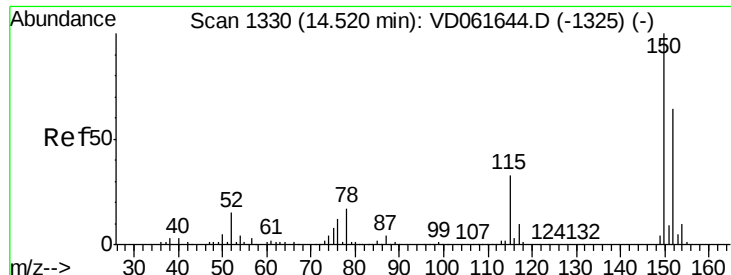


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

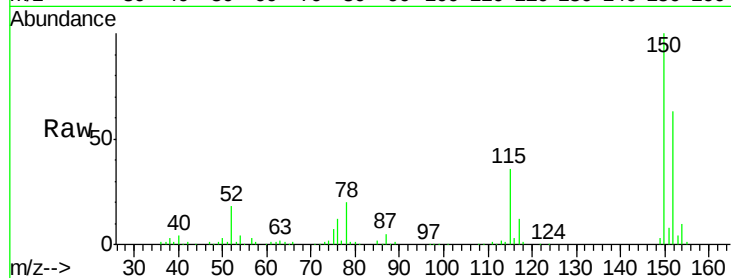




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.51 min Scan# 1329
 Delta R.T. -0.01 min
 Lab File: VD061769.D
 Acq: 12 Apr 2019 7:01

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.4	26.4	79.2
150	158.6	0.0	320.6



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

