

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD040919\
 Data File : VD061705.D
 Acq On : 10 Apr 2019 7:37
 Operator : VA/AP
 Sample : K2199-05
 Misc : 6.51g/5ml/MSVOA D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-040819-A

Quant Time: Apr 10 08:54:01 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

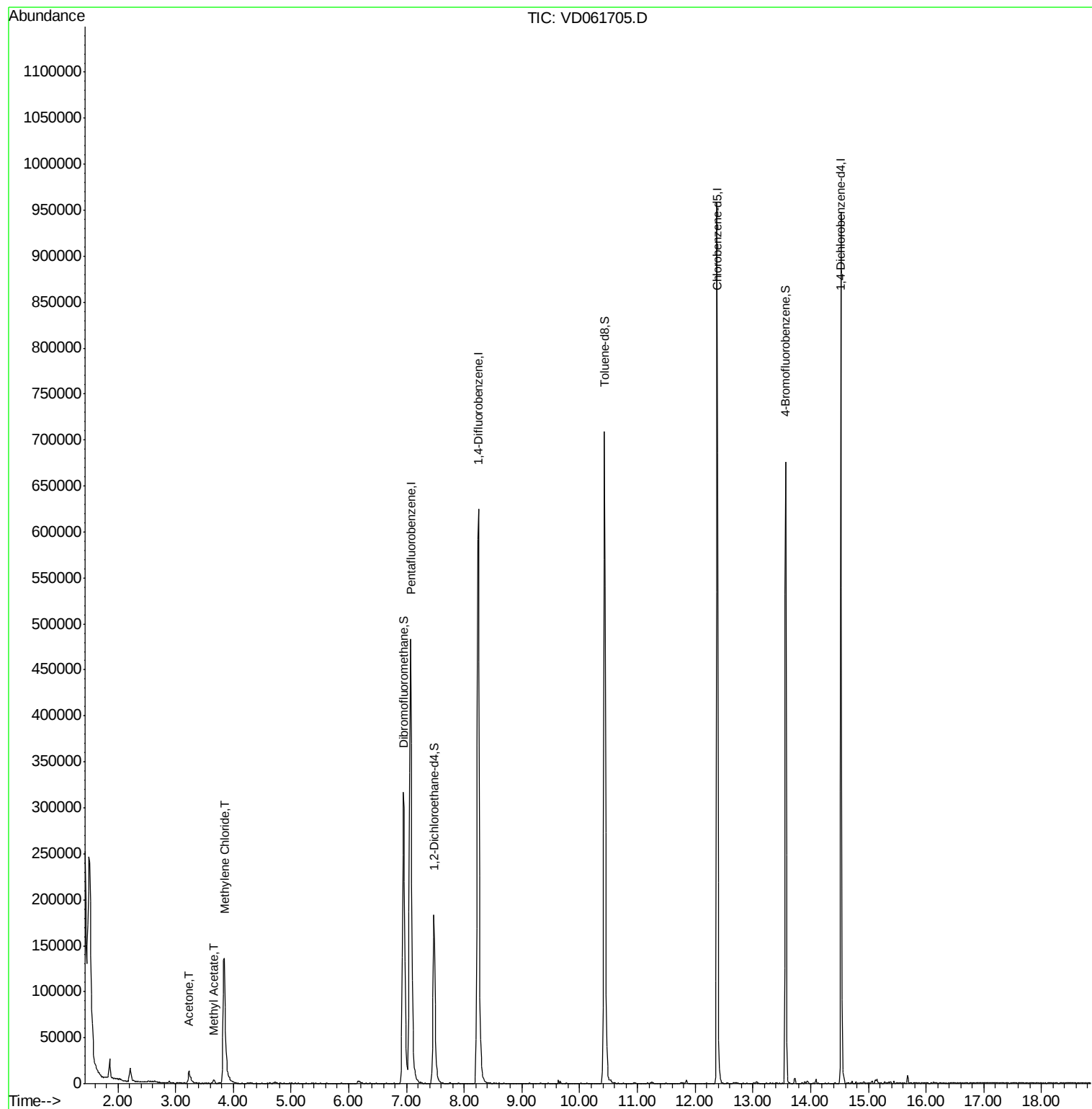
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.07	168	513937	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.24	114	774617	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	571453	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.53	152	207622	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.48	65	186133	47.78	ug/l	0.03
Spiked Amount 50.000			Recovery	=	95.56%	
35) Dibromofluoromethane	6.95	113	308867	57.56	ug/l	0.03
Spiked Amount 50.000			Recovery	=	115.12%	
50) Toluene-d8	10.43	98	607055	45.03	ug/l	0.03
Spiked Amount 50.000			Recovery	=	90.06%	
62) 4-Bromofluorobenzene	13.57	95	213936	44.02	ug/l	0.02
Spiked Amount 50.000			Recovery	=	88.04%	
Target Compounds						
16) Acetone	3.23	43	29022	24.922	ug/l	95
18) Methyl Acetate	3.67	43	7182	3.278	ug/l	99
20) Methylene Chloride	3.84	84	105772	16.006	ug/l	97

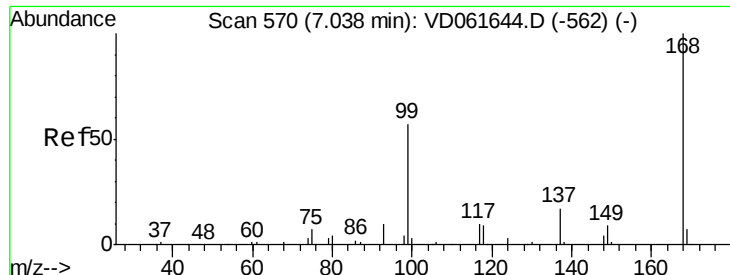
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.04 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

Instrument :

MSVOA_D

ClientSampleId :

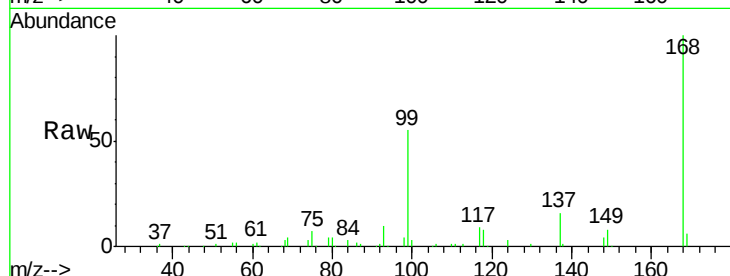
OR-03-040819-A

Tot Ion:168 Resp: 513937

Ion Ratio Lower Upper

168 100

99 55.2 46.8 70.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.07

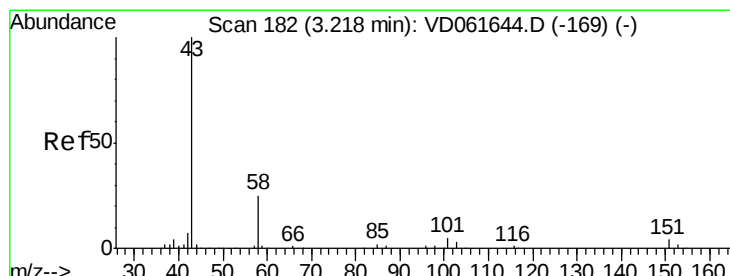
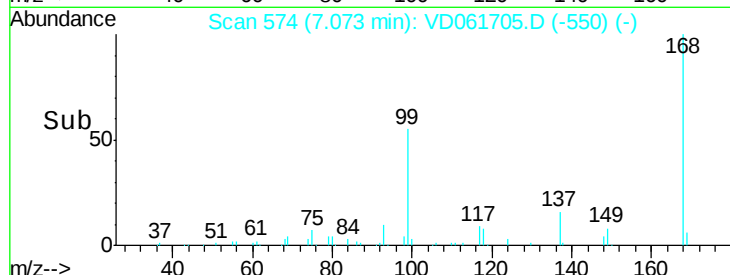
150000

100000

50000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 24.922 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.02 min

Lab File: VD061705.D

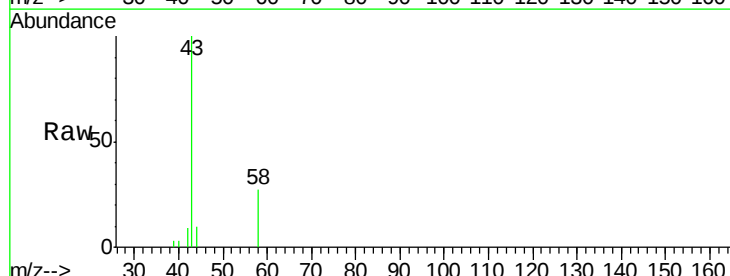
Acq: 10 Apr 2019 7:37

Tgt Ion: 43 Resp: 29022

Ion Ratio Lower Upper

43 100

58 27.3 19.7 29.5



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

10000

8000

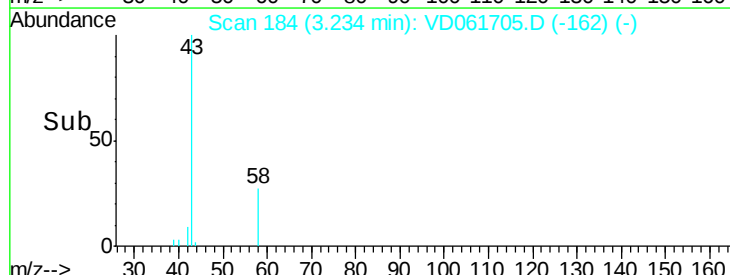
6000

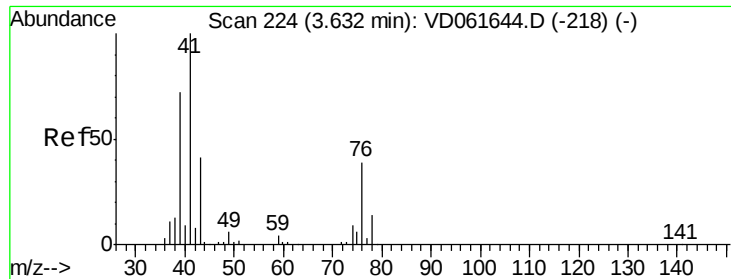
4000

2000

0

Time--> 3.10 3.20 3.30 3.40

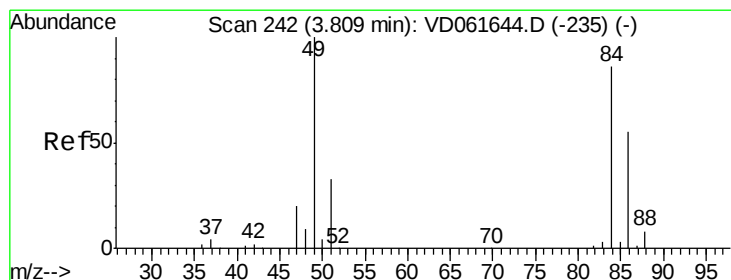
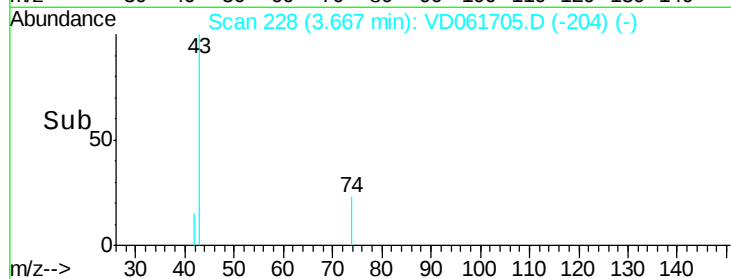
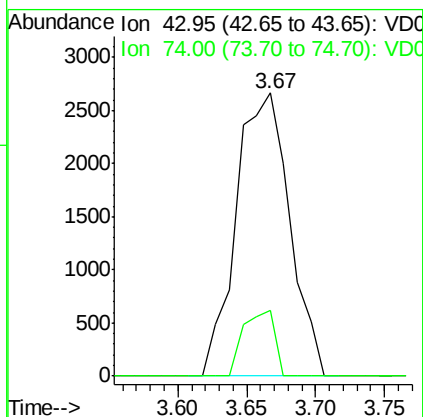
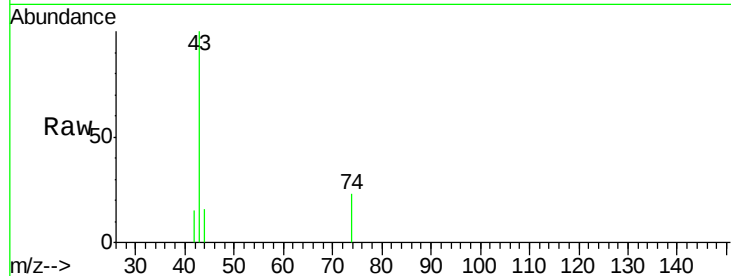




#18
Methyl Acetate
Concen: 3.278 ug/l
RT: 3.67 min Scan# 228
Delta R.T. 0.04 min
Lab File: VD061705.D
Acq: 10 Apr 2019 7:37

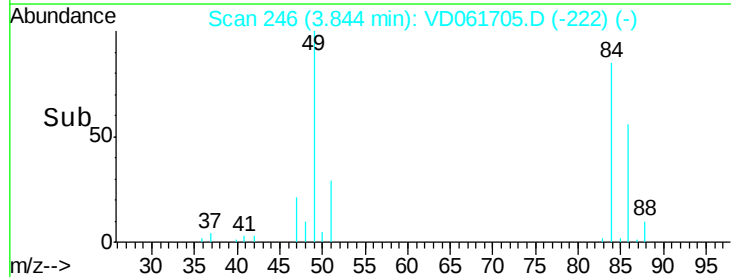
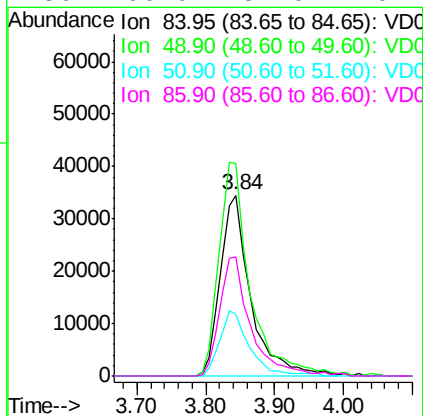
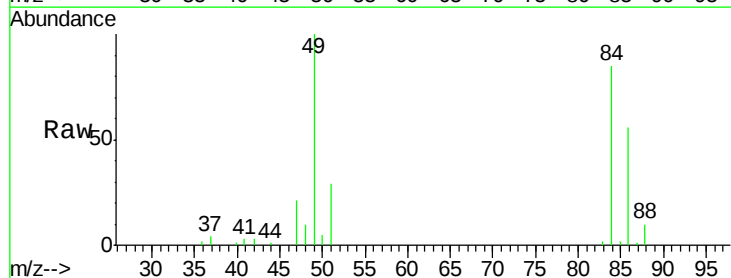
Instrument :
MSVOA_D
ClientSampleId :
OR-03-040819-A

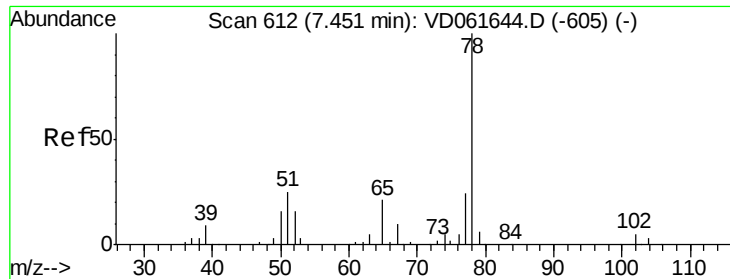
Tot Ion: 43 Resp: 7182
Ion Ratio Lower Upper
43 100
74 23.1 18.2 27.2



#20
Methylene Chloride
Concen: 16.006 ug/l
RT: 3.84 min Scan# 246
Delta R.T. 0.04 min
Lab File: VD061705.D
Acq: 10 Apr 2019 7:37

Tgt Ion: 84 Resp: 105772
Ion Ratio Lower Upper
84 100
49 117.6 93.0 139.4
51 34.0 30.4 45.6
86 66.0 51.0 76.4





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.48 min Scan# 615

Delta R.T. 0.03 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

Instrument :

MSVOA_D

ClientSampleId :

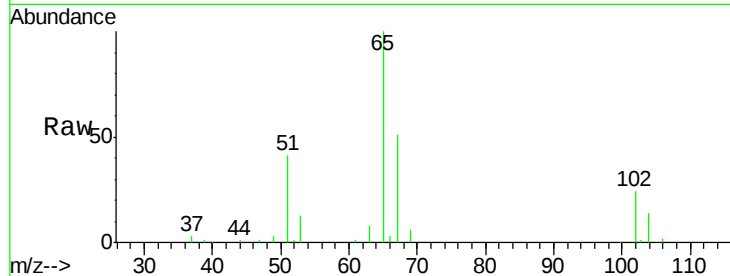
OR-03-040819-A

Tot Ion: 65 Resp: 186133

Ion Ratio Lower Upper

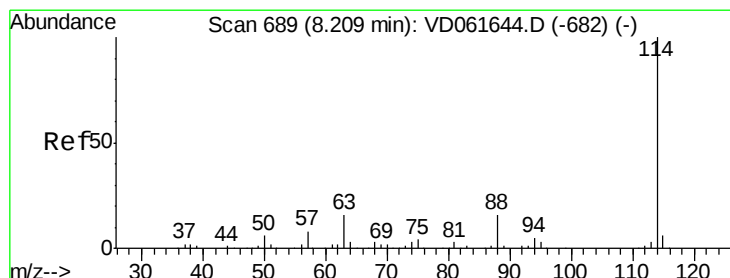
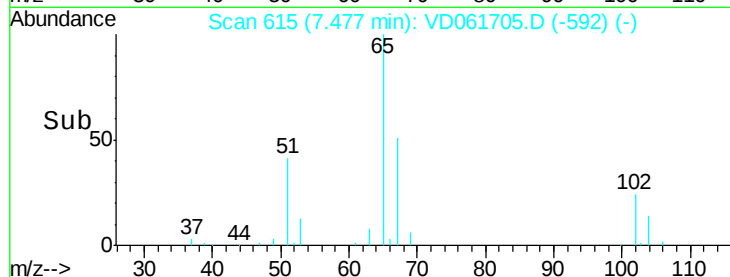
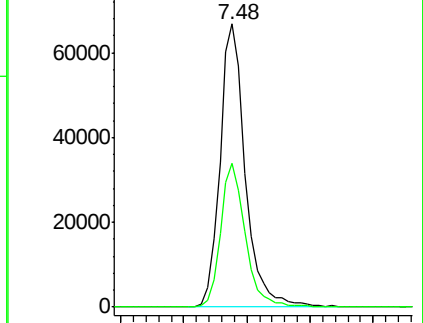
65 100

67 51.0 0.0 99.4



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: 8.24 min Scan# 693

Delta R.T. 0.04 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

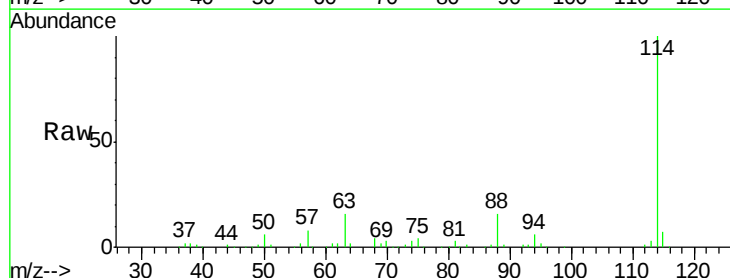
Tgt Ion: 114 Resp: 774617

Ion Ratio Lower Upper

114 100

63 15.8 0.0 31.2

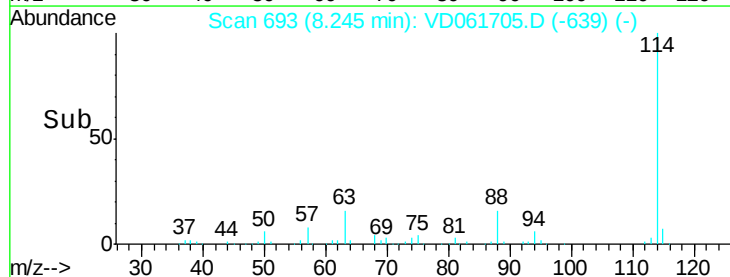
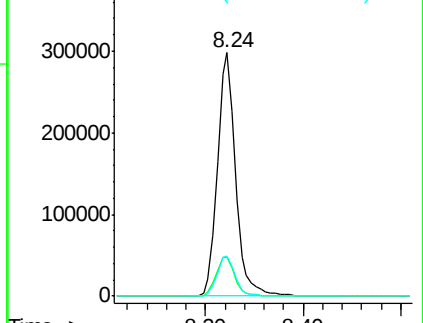
88 16.2 0.0 31.8



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: 6.95 min Scan# 561

Delta R.T. 0.03 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

Instrument :

MSVOA_D

ClientSampleId :

OR-03-040819-A

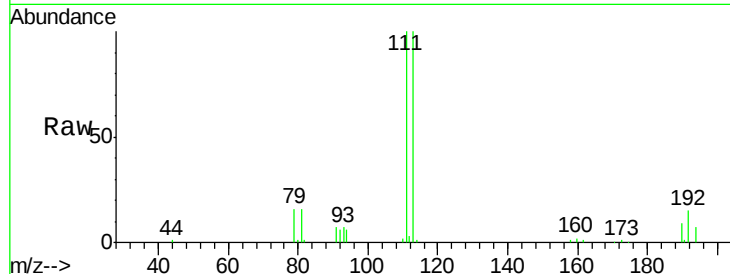
Tot Ion:113 Resp: 308867

Ion Ratio Lower Upper

113 100

111 100.1 79.3 118.9

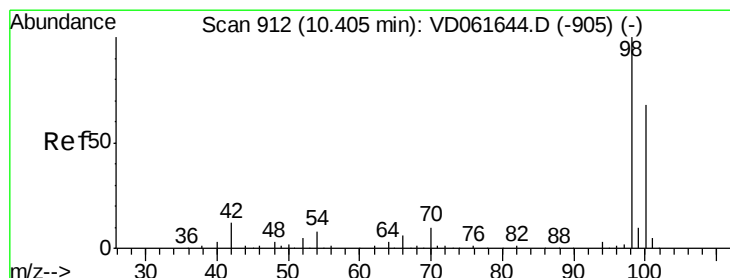
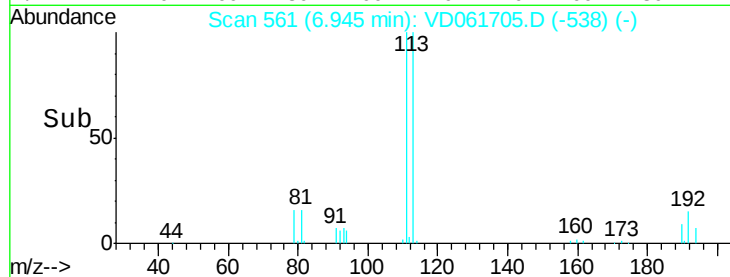
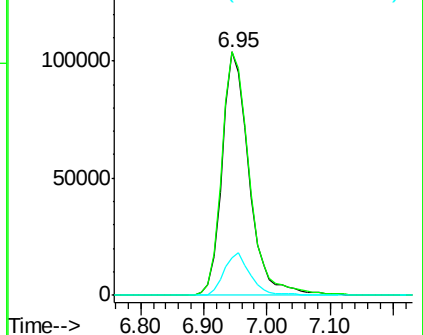
192 15.3 12.3 18.5



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: 10.43 min Scan# 915

Delta R.T. 0.03 min

Lab File: VD061705.D

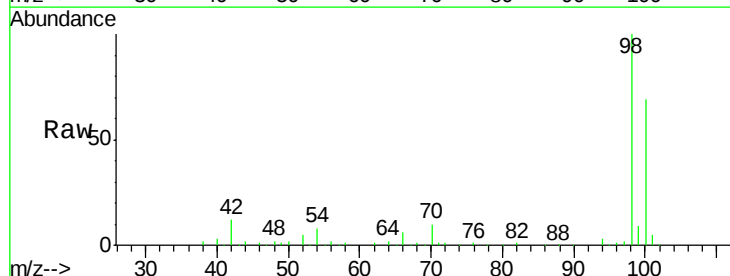
Acq: 10 Apr 2019 7:37

Tgt Ion: 98 Resp: 607055

Ion Ratio Lower Upper

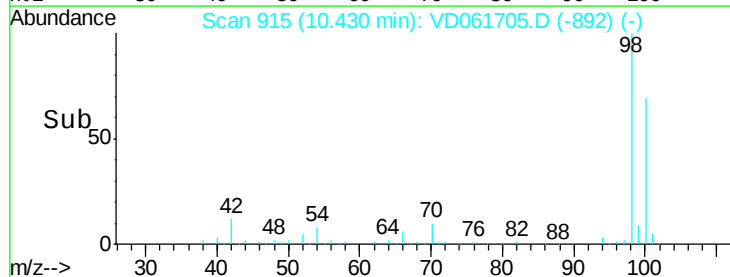
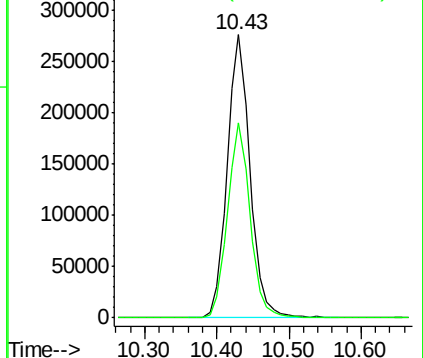
98 100

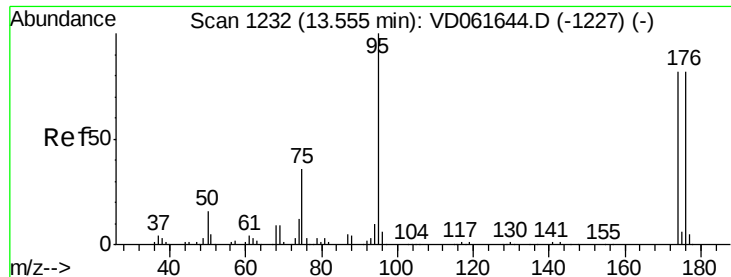
100 68.8 55.4 83.0



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: 13.57 min Scan# 1234

Delta R.T. 0.02 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

Instrument :

MSVOA_D

ClientSampleId :

OR-03-040819-A

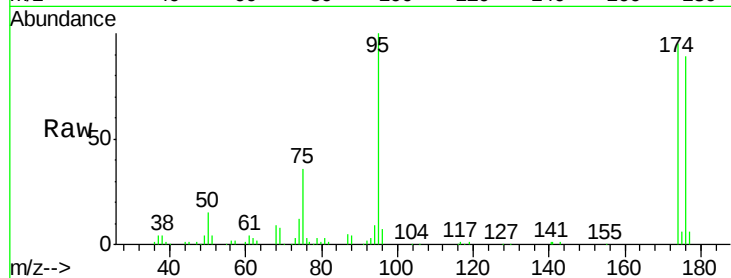
Tot Ion: 95 Resp: 213936

Ion Ratio Lower Upper

95 100

174 94.6 0.0 164.6

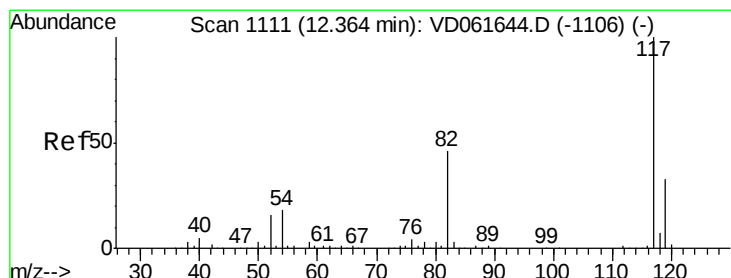
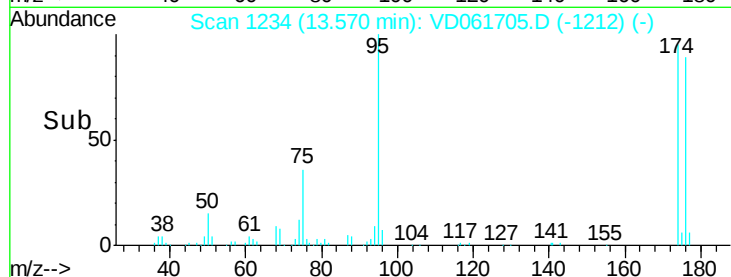
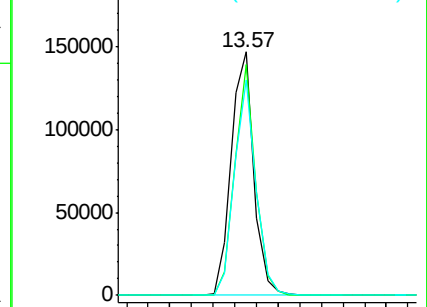
176 88.7 0.0 165.0



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: 12.38 min Scan# 1113

Delta R.T. 0.02 min

Lab File: VD061705.D

Acq: 10 Apr 2019 7:37

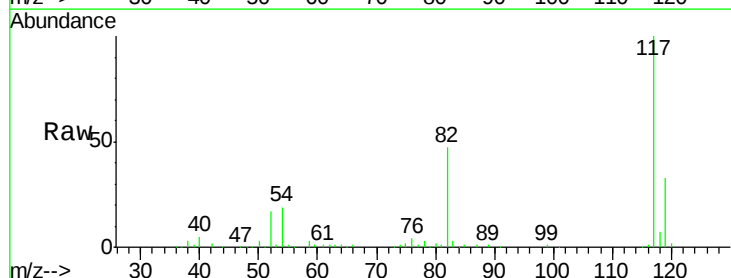
Tgt Ion: 117 Resp: 571453

Ion Ratio Lower Upper

117 100

82 47.4 36.8 55.2

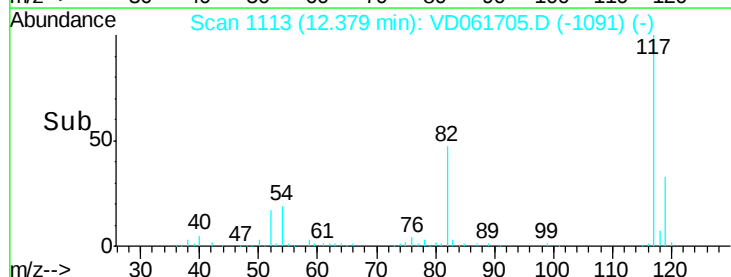
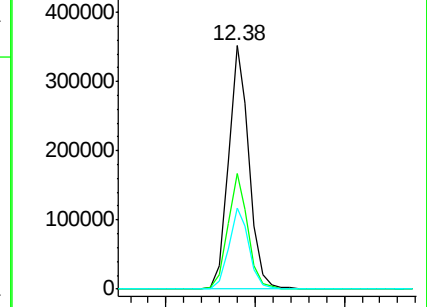
119 33.1 26.1 39.1

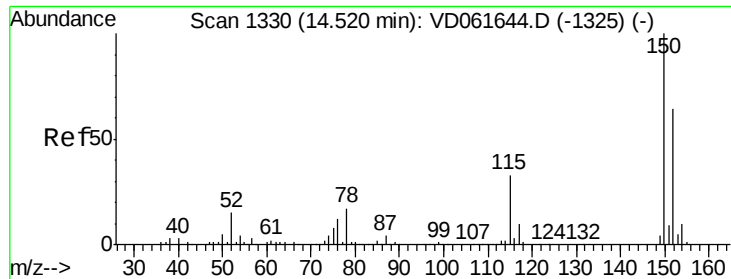


Abundance Ion 116.95 (116.65 to 117.65): V

Ion 82.05 (81.75 to 82.75): V

Ion 118.95 (118.65 to 119.65): V

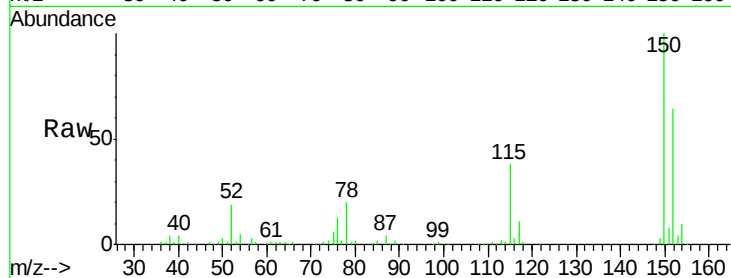




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.53 min Scan# 1331
 Delta R.T. 0.01 min
 Lab File: VD061705.D
 Acq: 10 Apr 2019 7:37

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-040819-A

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.7	26.4	79.2
150	155.9	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

