

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD031419\
 Data File : VD061075.D
 Acq On : 14 Mar 2019 20:04
 Operator : VA/AP
 Sample : K1908-01
 Misc : 6.28g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MH-02

Quant Time: Mar 15 03:51:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 02:35:39 2019
 Response via : Initial Calibration

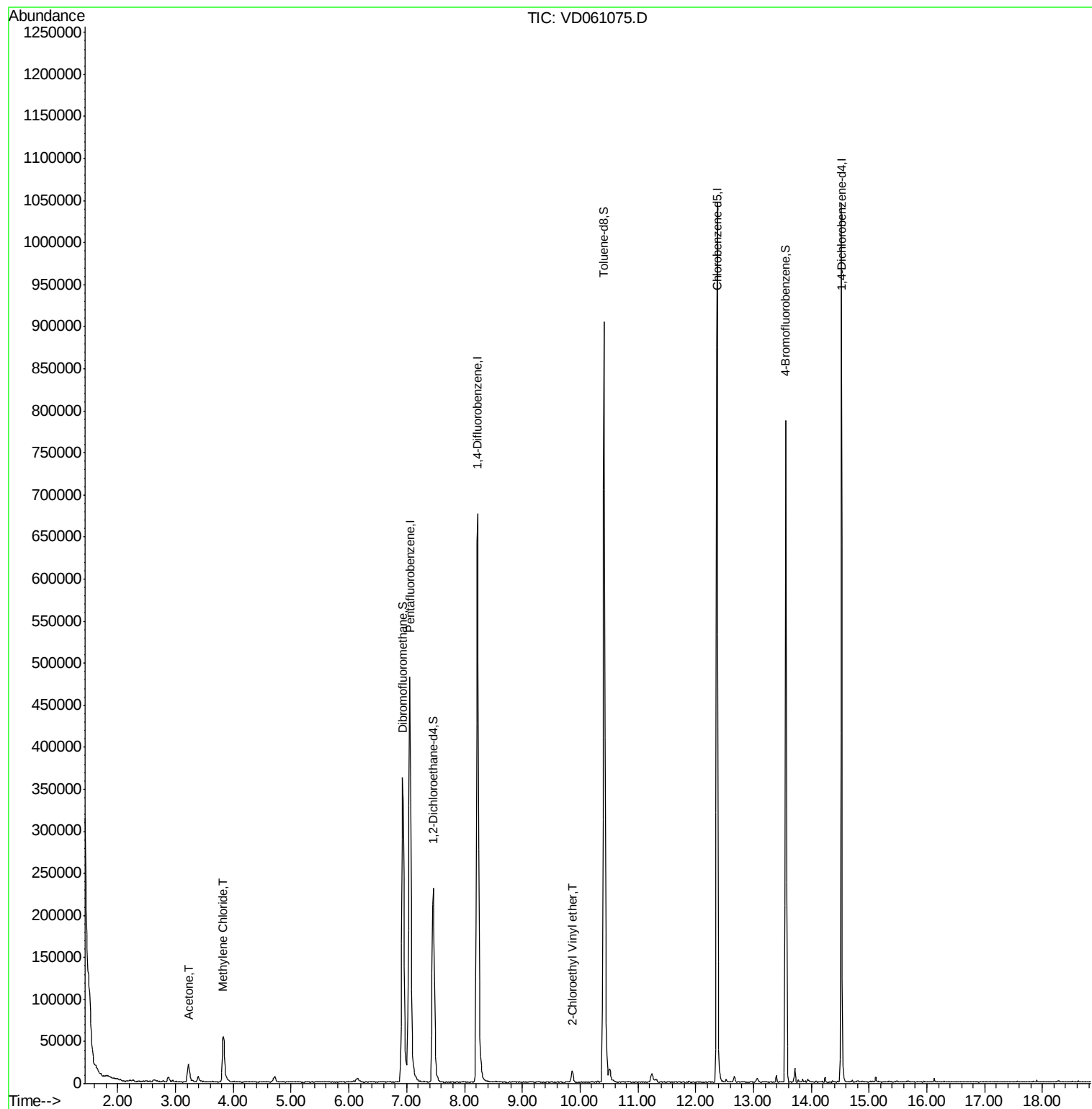
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	507044	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.23	114	877323	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.37	117	675223	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	241757	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	221992	52.60	ug/l	0.01
Spiked Amount 50.000			Recovery	=	105.20%	
35) Dibromofluoromethane	6.93	113	355826	54.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.30%	
50) Toluene-d8	10.41	98	802323	49.07	ug/l	0.01
Spiked Amount 50.000			Recovery	=	98.14%	
62) 4-Bromofluorobenzene	13.55	95	278812	43.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.90%	
Target Compounds						
16) Acetone	3.23	43	42396	35.128	ug/l	Qvalue 100
20) Methylene Chloride	3.83	84	43303	3.535	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.86	63	8201	3.783	ug/l #	81

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD031419\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.01 min

Lab File: VD061075.D

Acq: 14 Mar 2019 20:04

Instrument :

MSVOA_D

ClientSampled :

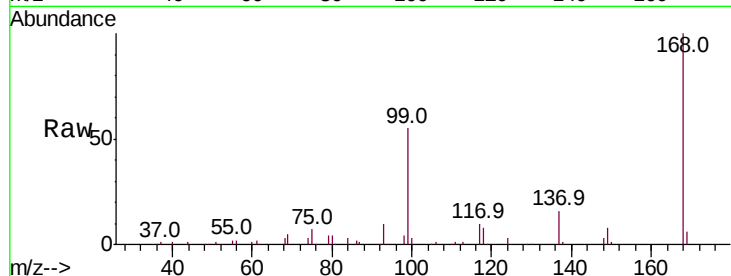
MH-02

Tot Ion:168 Resp: 507044

Ion Ratio Lower Upper

168 100

99 55.4 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

150000

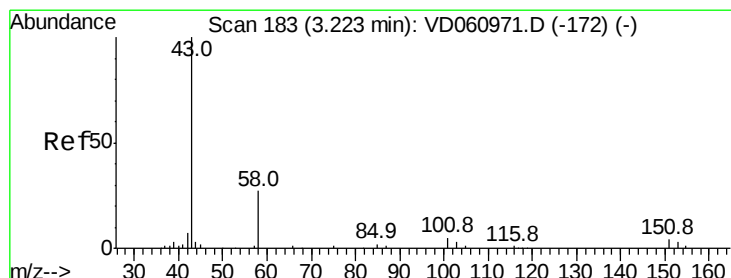
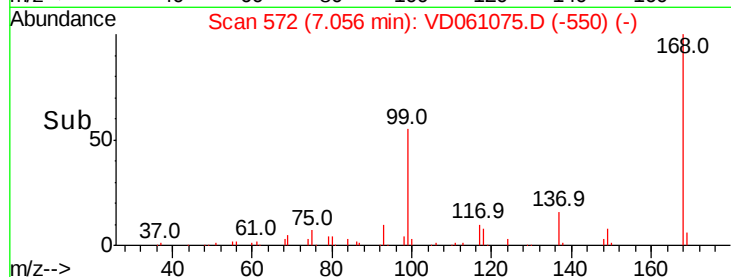
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#16

Acetone

Concen: 35.128 ug/l

RT: 3.23 min Scan# 183

Delta R.T. 0.00 min

Lab File: VD061075.D

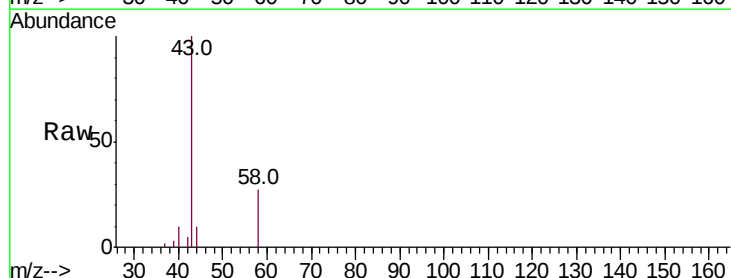
Acq: 14 Mar 2019 20:04

Tgt Ion: 43 Resp: 42396

Ion Ratio Lower Upper

43 100

58 27.0 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.23

15000

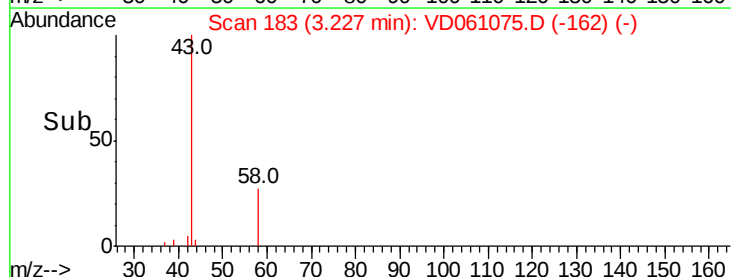
10000

5000

0

Time-->

3.10 3.20 3.30 3.40

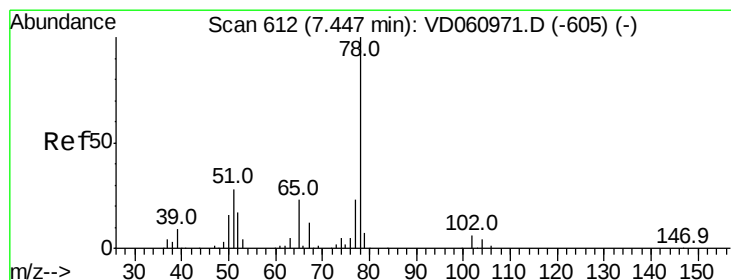
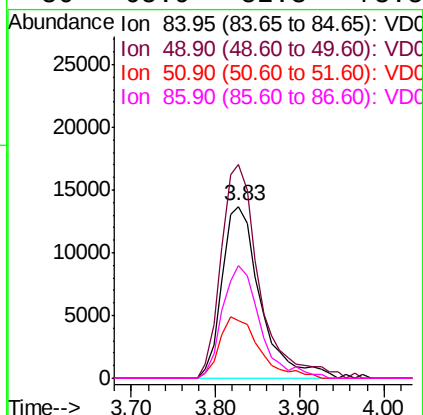
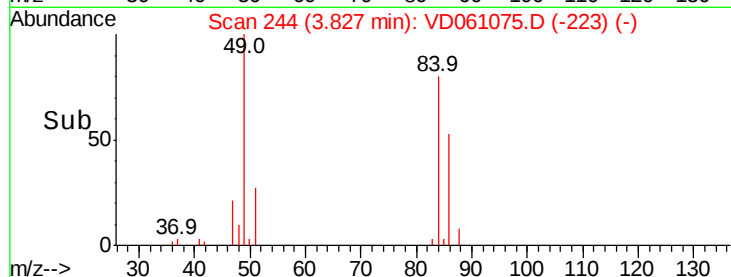
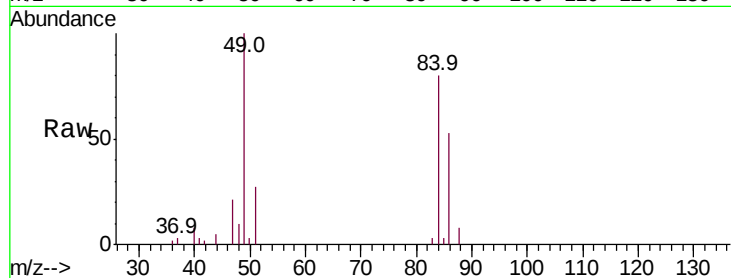




#20
Methvlene Chloride
Concen: 3.535 ug/l
RT: 3.83 min Scan# 244
Delta R.T. 0.00 min
Lab File: VD061075.D
Acq: 14 Mar 2019 20:04

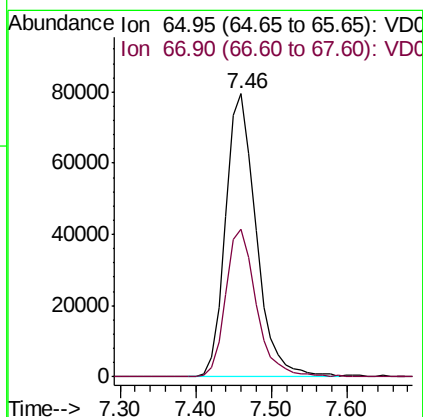
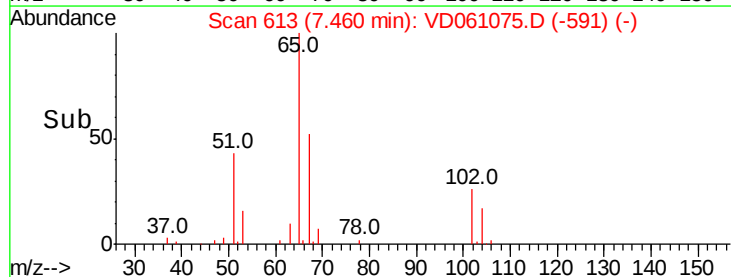
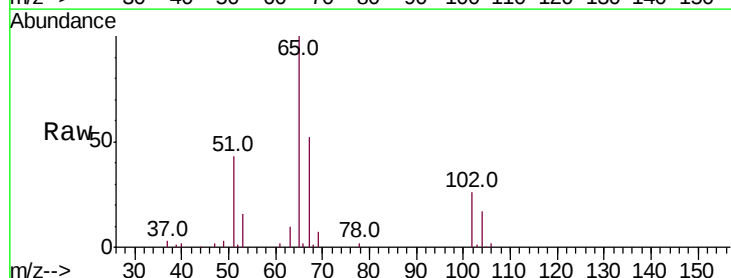
Instrument :
MSVOA_D
ClientSampleId :
MH-02

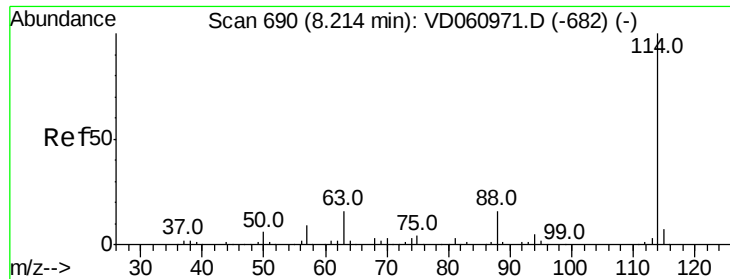
Tot Ion:	84	Resp:	43303
Ion	Ratio	Lower	Upper
84	100		
49	124.3	104.2	156.2
51	33.5	32.3	48.5
86	65.9	52.3	78.5



#33
1,2-Dichloroethane-d4
Concen: N.D. ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.01 min
Lab File: VD061075.D
Acq: 14 Mar 2019 20:04

Tgt Ion:	65	Resp:	221992
Ion	Ratio	Lower	Upper
65	100		
67	52.4	0.0	105.2

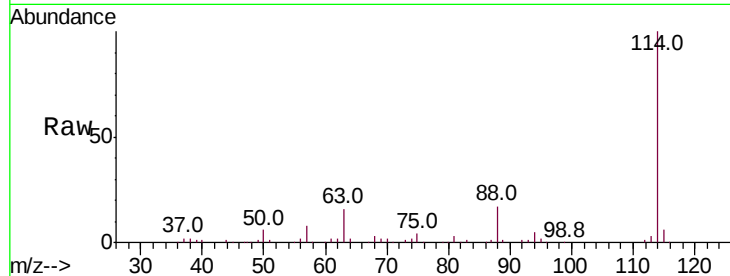




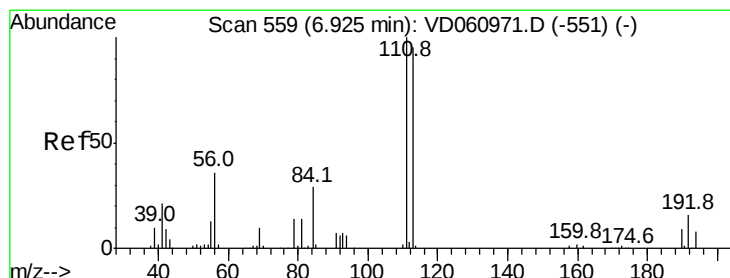
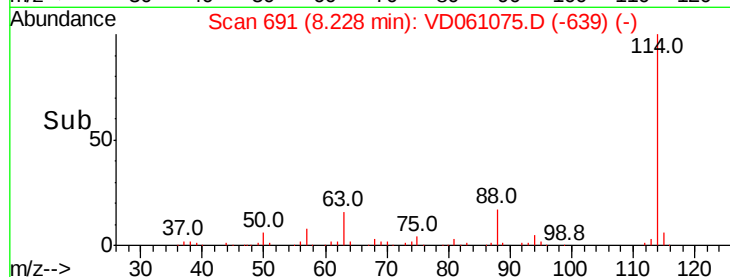
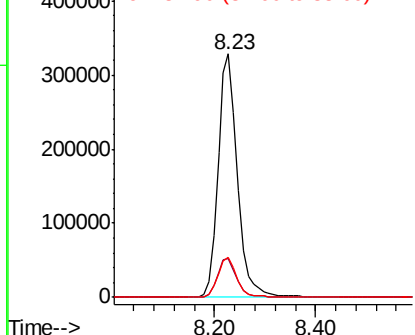
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.01 min
 Lab File: VD061075.D
 Acq: 14 Mar 2019 20:04

Instrument :
 MSVOA_D
 ClientSampleID :
 MH-02

Tot Ion:114 Resp: 877323
 Ion Ratio Lower Upper
 114 100
 63 15.8 0.0 31.4
 88 16.7 0.0 33.0

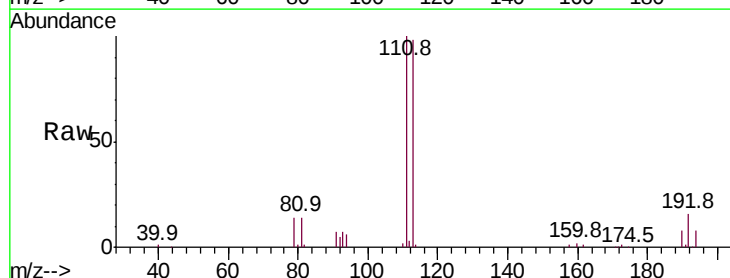


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

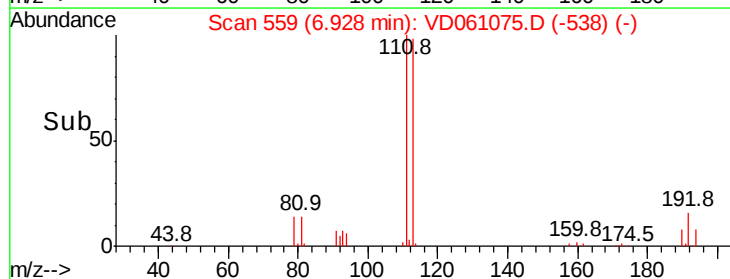
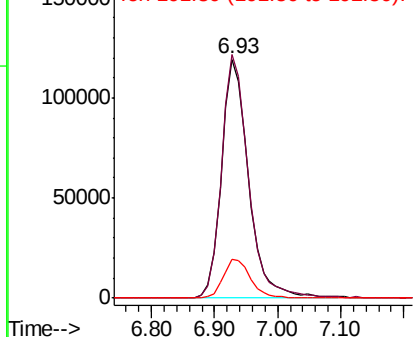


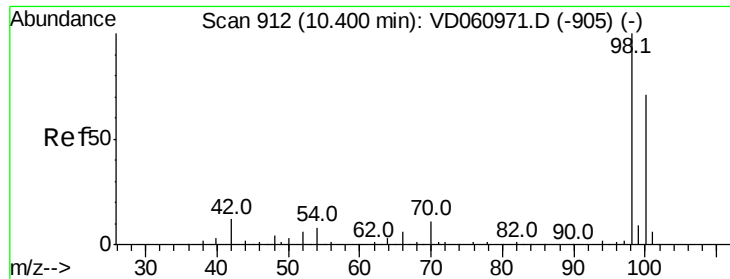
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.00 min
 Lab File: VD061075.D
 Acq: 14 Mar 2019 20:04

Tgt Ion:113 Resp: 355826
 Ion Ratio Lower Upper
 113 100
 111 101.8 84.2 126.4
 192 16.3 13.1 19.7



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: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD061075.D

Acq: 14 Mar 2019 20:04

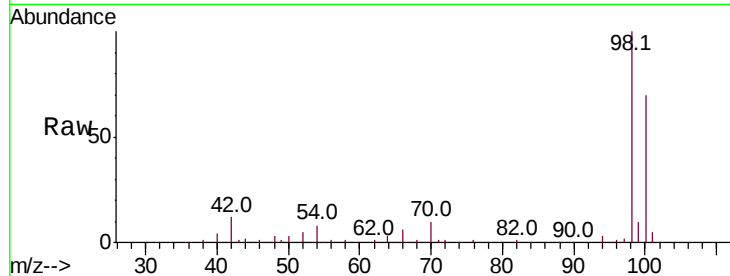
Instrument :
MSVOA_D
ClientSampleId :
MH-02

Tot Ion: 98 Resp: 802323

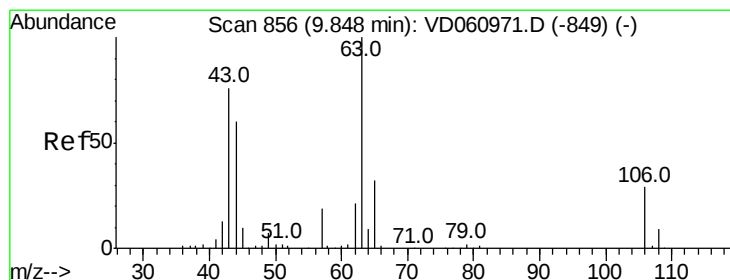
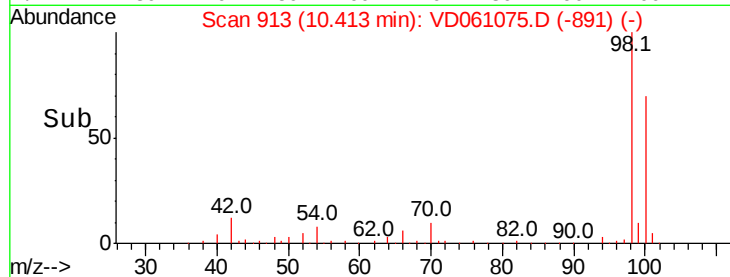
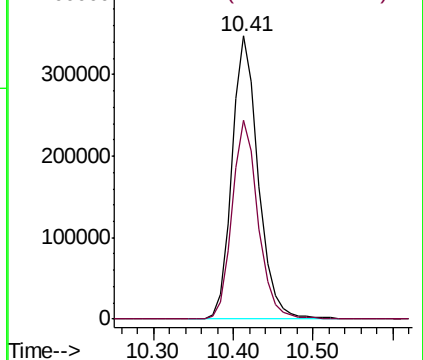
Ion Ratio Lower Upper

98 100

100 70.1 57.4 86.2



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



#58

2-Chloroethyl Vinyl ether

Concen: 3.783 ug/l

RT: 9.86 min Scan# 857

Delta R.T. 0.01 min

Lab File: VD061075.D

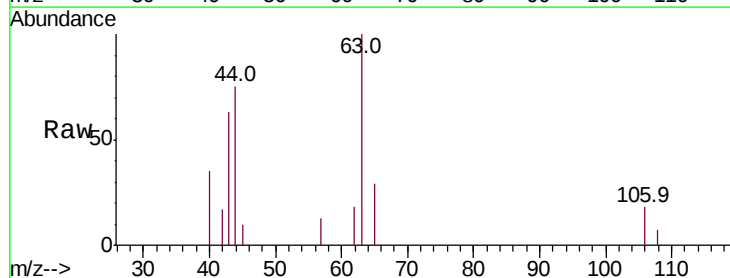
Acq: 14 Mar 2019 20:04

Tgt Ion: 63 Resp: 8201

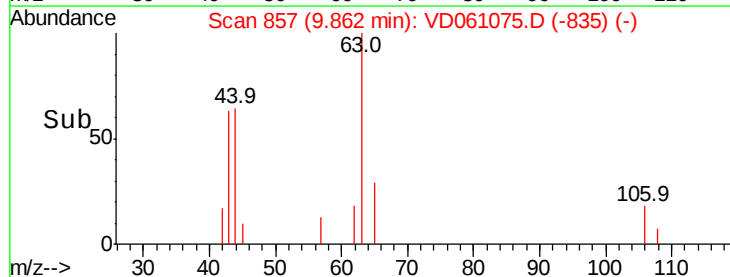
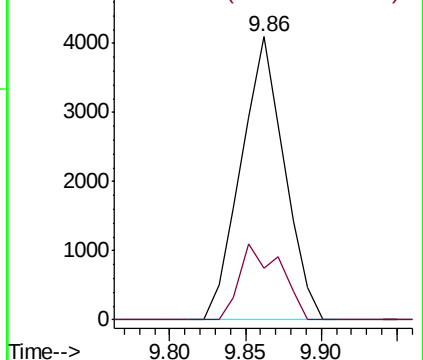
Ion Ratio Lower Upper

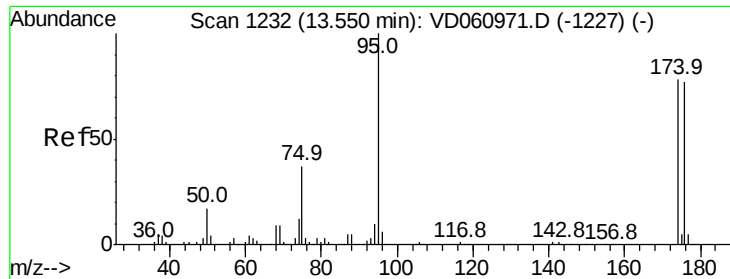
63 100

106 18.5 22.8 34.2#



Abundance Ion 62.95 (62.65 to 63.65): VDC
Ion 105.95 (105.65 to 106.65): VDC





#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD061075.D

Acq: 14 Mar 2019 20:04

Instrument :

MSVOA_D

ClientSampleId :

MH-02

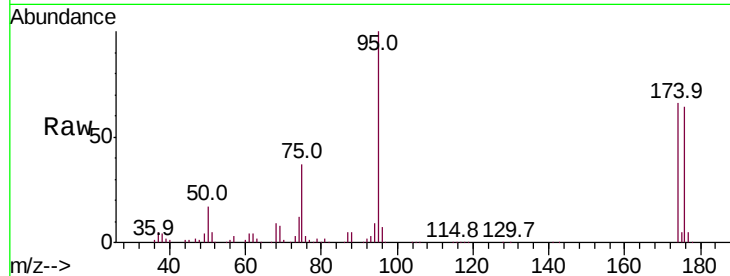
Tot Ion: 95 Resp: 278812

Ion Ratio Lower Upper

95 100

174 66.4 0.0 155.6

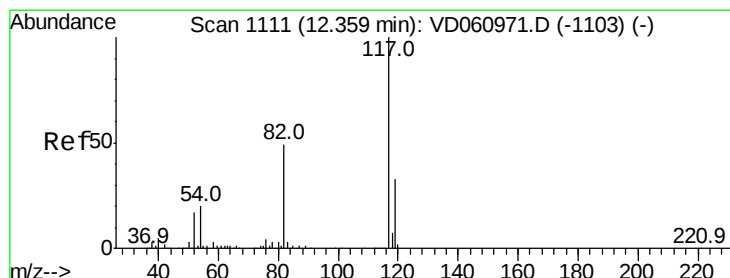
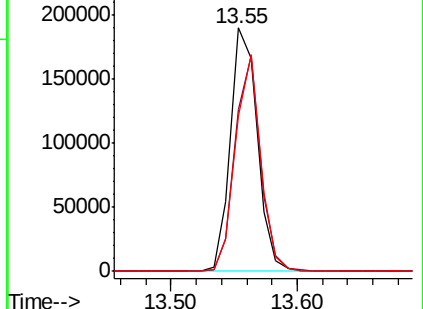
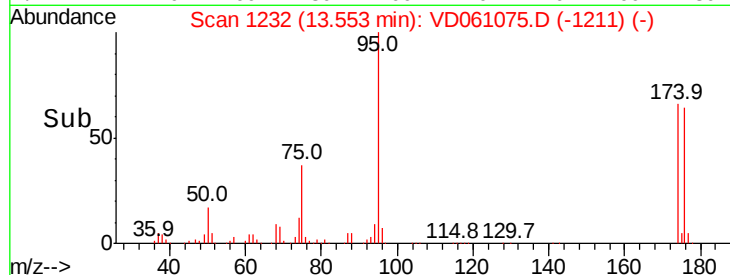
176 63.6 0.0 153.8



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: 12.37 min Scan# 1112

Delta R.T. 0.01 min

Lab File: VD061075.D

Acq: 14 Mar 2019 20:04

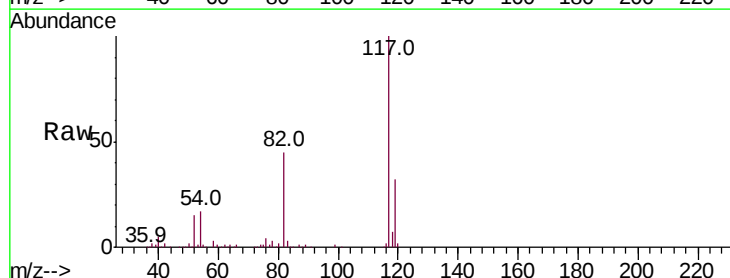
Tgt Ion: 117 Resp: 675223

Ion Ratio Lower Upper

117 100

82 44.9 38.9 58.3

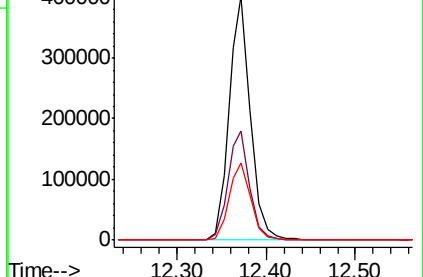
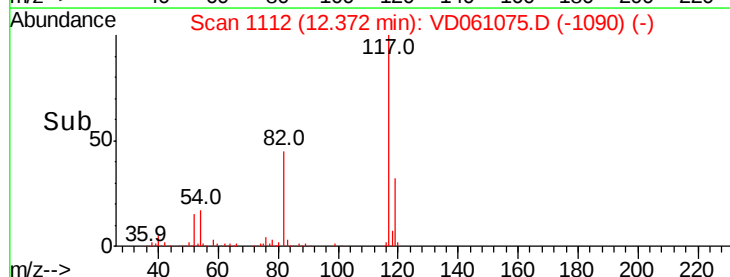
119 31.8 26.6 39.8

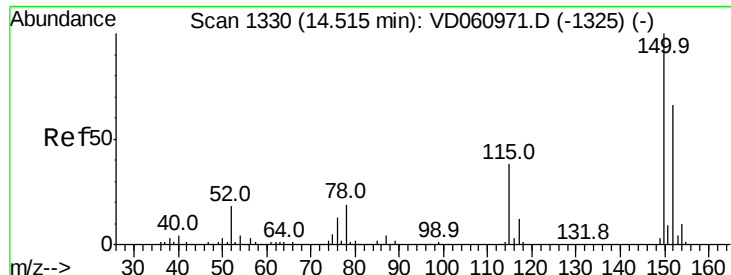


Abundance Ion 116.95 (116.65 to 117.65): V

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: 14.52 min Scan# 1330

Delta R.T. 0.00 min

Lab File: VD061075.D

Acq: 14 Mar 2019 20:04

Instrument :

MSVOA_D

ClientSampleId :

MH-02

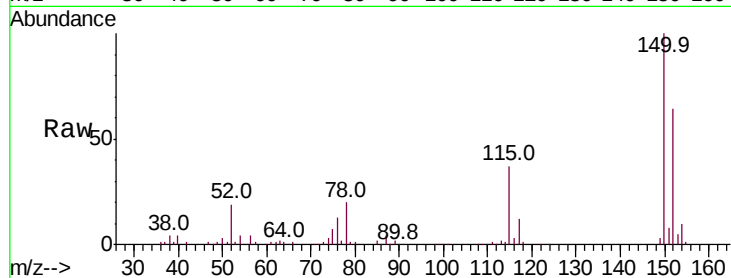
Tot Ion:152 Resp: 241757

Ion Ratio Lower Upper

152 100

115 58.7 28.6 85.9

150 157.2 0.0 310.6



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

