

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD030819\
 Data File : VD060984.D
 Acq On : 8 Mar 2019 15:24
 Operator : VA/AP
 Sample : K1757-15
 Misc : 6.00µl/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-6AB-D

Quant Time: Mar 08 23:49:45 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

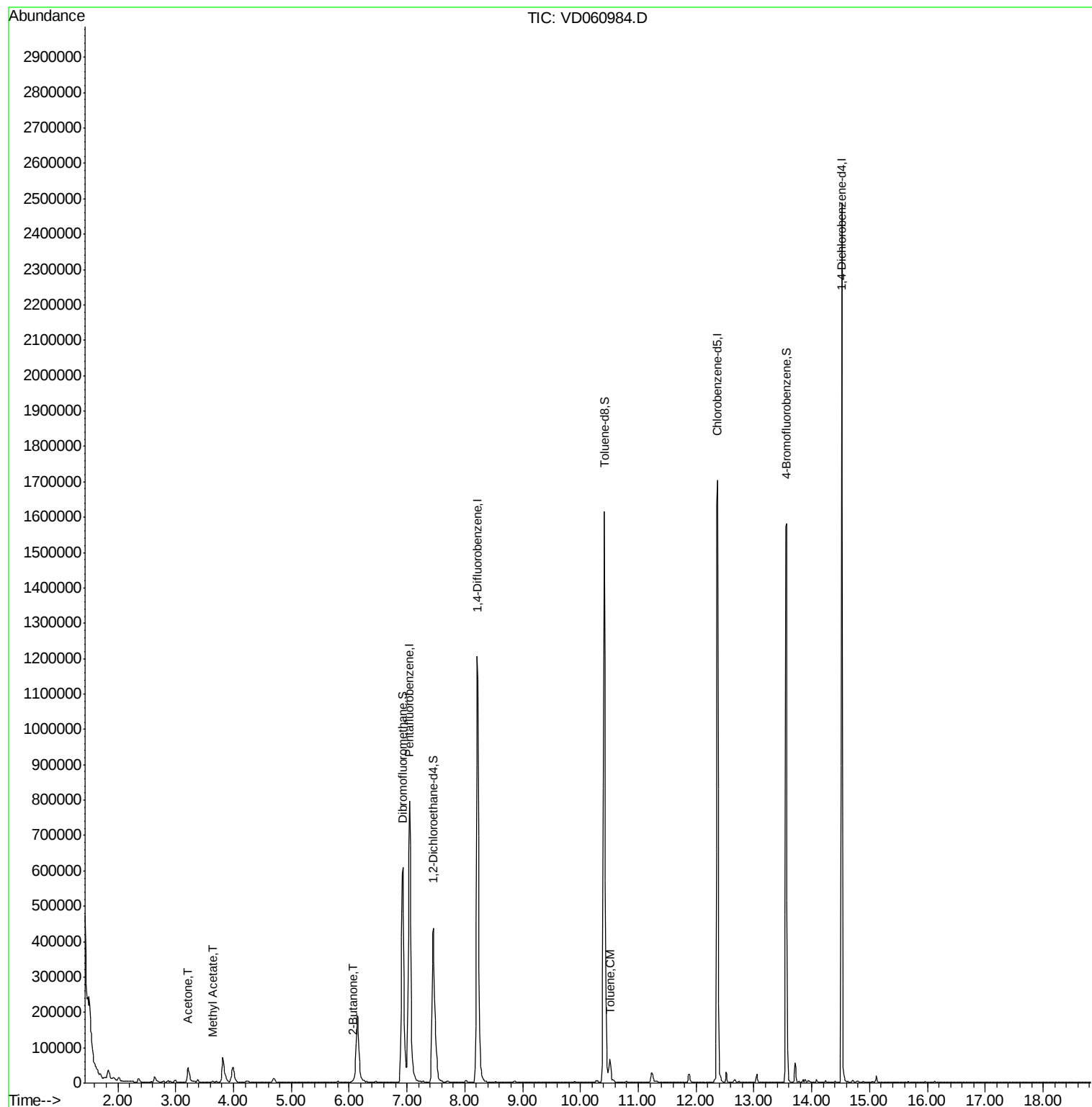
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	801280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1503423	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1173582	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	574493	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	392109	58.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.58%	
35) Dibromofluoromethane	6.92	113	610008	54.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.34%	
50) Toluene-d8	10.41	98	1460739	52.13	ug/l	0.01
Spiked Amount 50.000			Recovery	=	104.26%	
62) 4-Bromofluorobenzene	13.55	95	563597	51.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.68%	
Target Compounds						
16) Acetone	3.22	43	89520	46.936	ug/l	96
18) Methyl Acetate	3.64	43	4403	1.173	ug/l #	91
25) 2-Butanone	6.06	43	15945	7.368	ug/l	92
52) Toluene	10.51	92	35117	1.744	ug/l	97

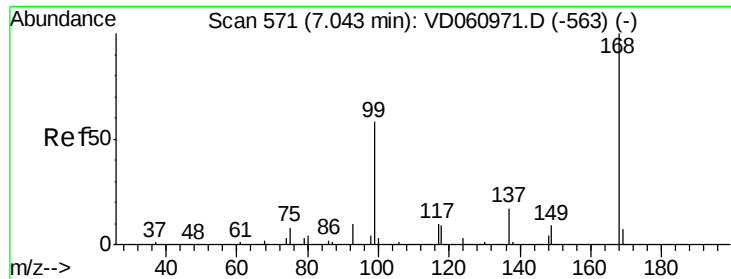
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD030819\
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QLast Update : Fri Mar 08 02:35:39 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. 0.00 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

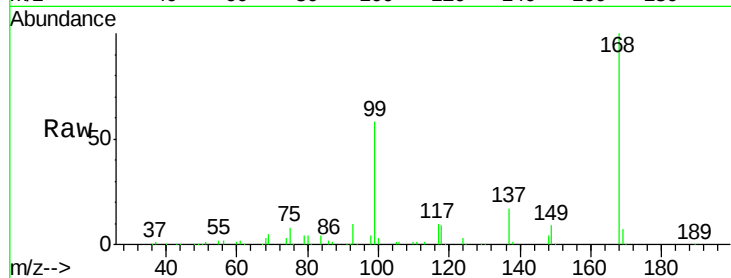
TP-6AB-D

Tot Ion:168 Resp: 801280

Ion Ratio Lower Upper

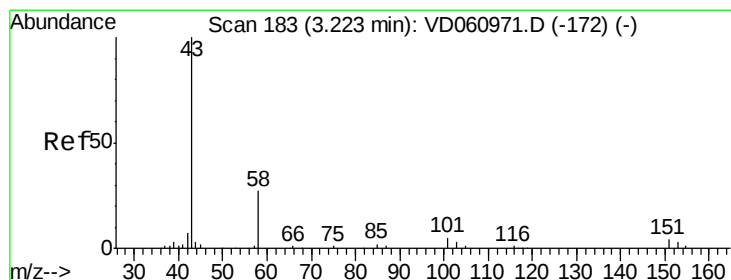
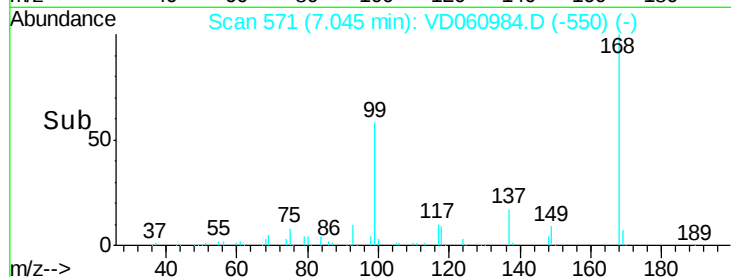
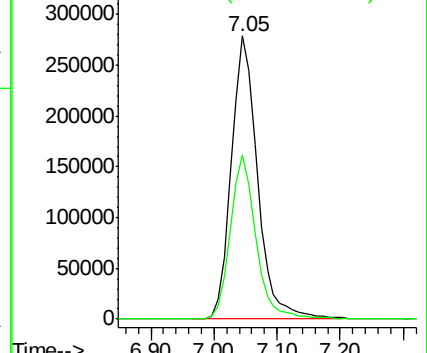
168 100

99 58.2 47.3 70.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#16

Acetone

Concen: 46.936 ug/l

RT: 3.22 min Scan# 182

Delta R.T. -0.01 min

Lab File: VD060984.D

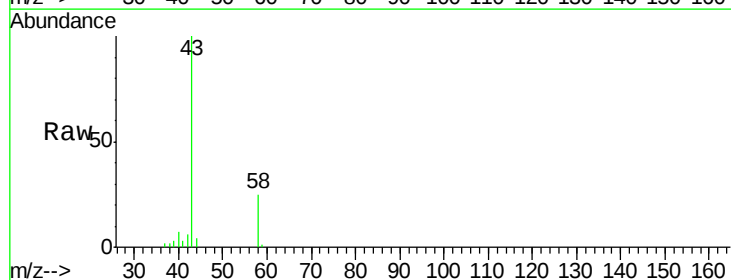
Acq: 8 Mar 2019 15:24

Tgt Ion: 43 Resp: 89520

Ion Ratio Lower Upper

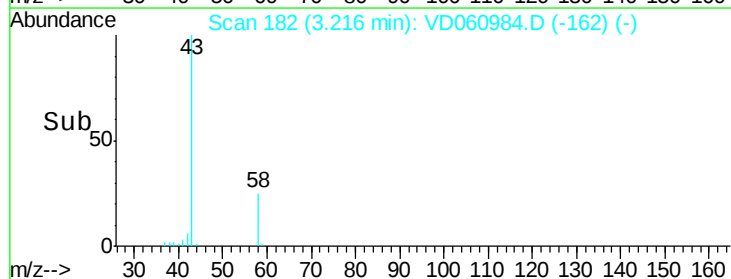
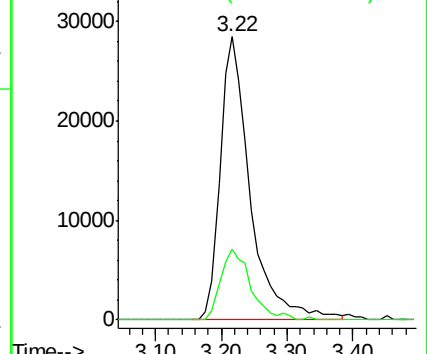
43 100

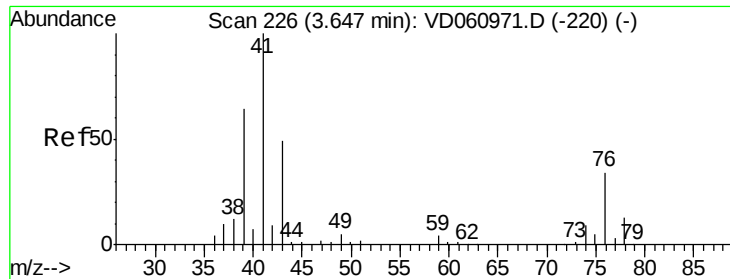
58 25.1 21.6 32.4



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

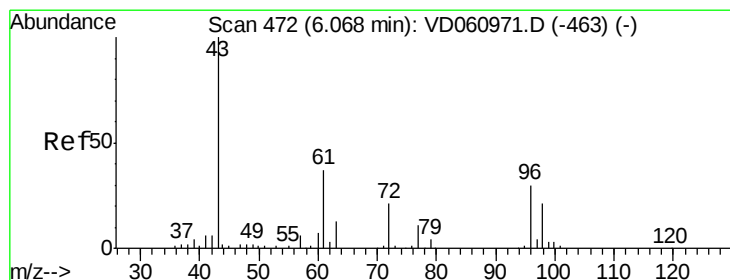
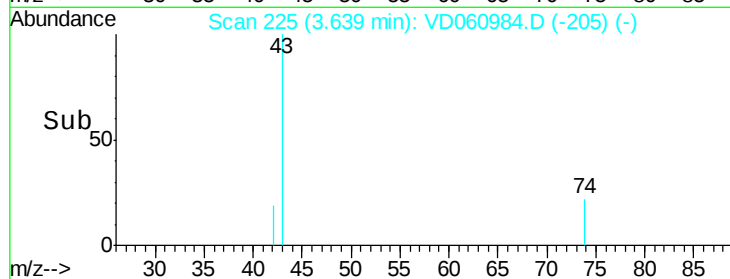
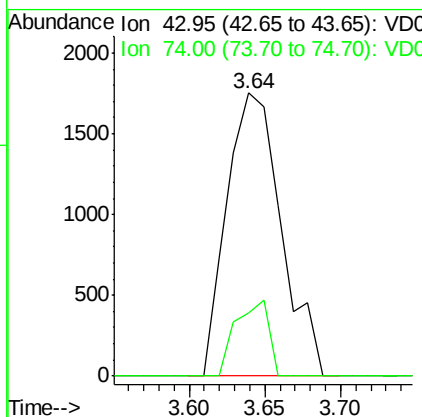
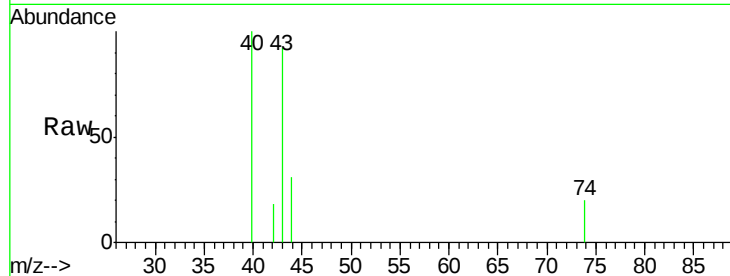




#18
Methvl Acetate
Concen: 1.173 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.01 min
Lab File: VD060984.D
Acq: 8 Mar 2019 15:24

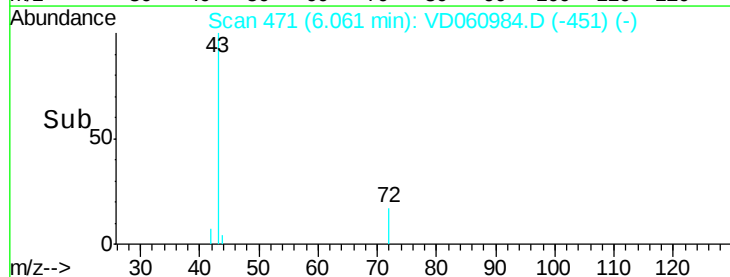
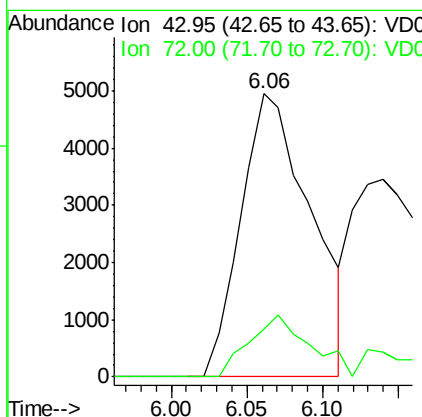
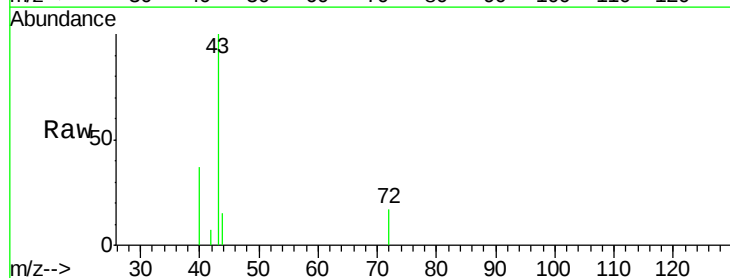
Instrument :
MSVOA_D
ClientSampleId :
TP-6AB-D

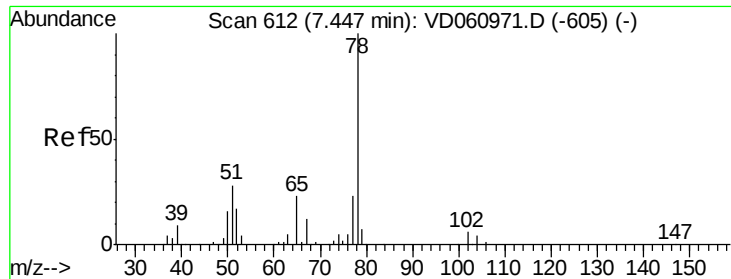
Tot Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
74 22.1 14.6 21.8#



#25
2-Butanone
Concen: 7.368 ug/l
RT: 6.06 min Scan# 471
Delta R.T. -0.01 min
Lab File: VD060984.D
Acq: 8 Mar 2019 15:24

Tgt Ion: 43 Resp: 15945
Ion Ratio Lower Upper
43 100
72 17.1 16.7 25.1





#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

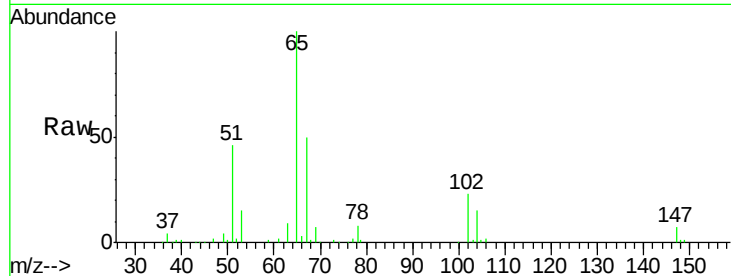
TP-6AB-D

Tot Ion: 65 Resp: 392109

Ion Ratio Lower Upper

65 100

67 50.1 0.0 105.2



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

150000

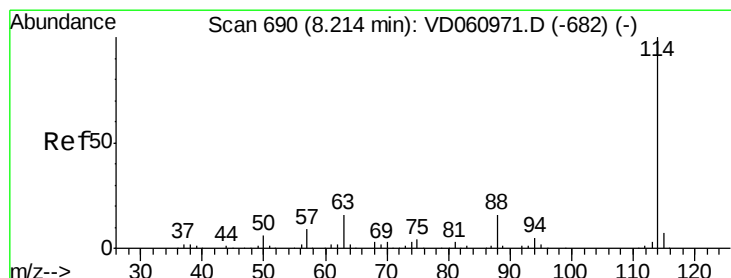
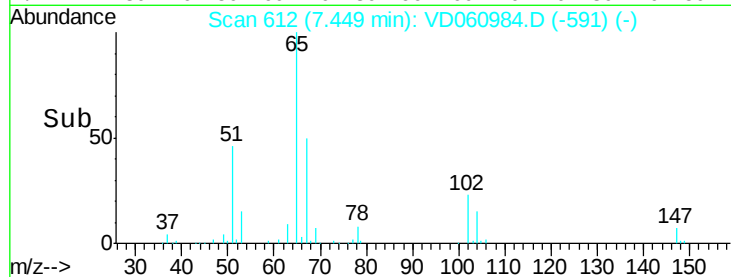
100000

50000

0

7.30 7.40 7.50 7.60

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

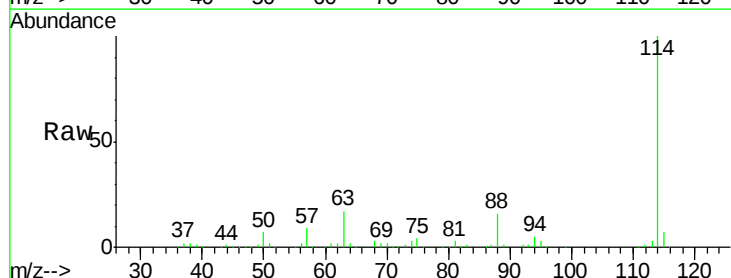
Tgt Ion: 114 Resp: 1503423

Ion Ratio Lower Upper

114 100

63 16.5 0.0 31.4

88 16.1 0.0 33.0



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

8.22

800000

600000

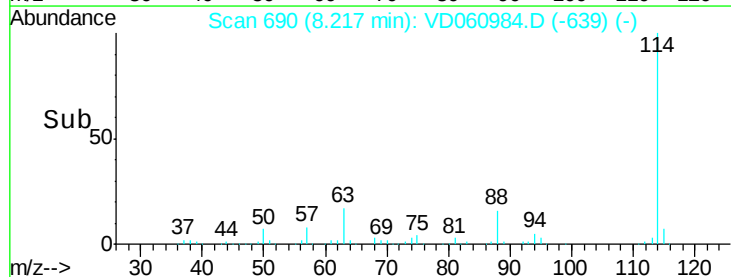
400000

200000

0

8.20 8.40

Time-->





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

TP-6AB-D

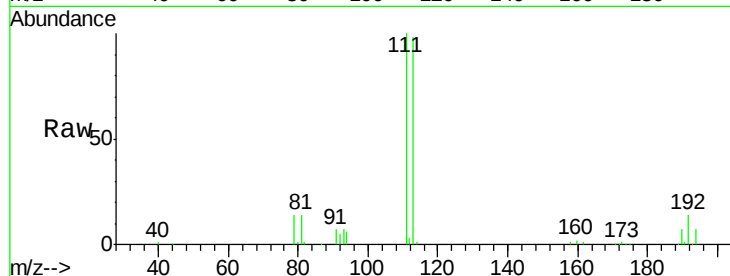
Tot Ion:113 Resp: 610008

Ion Ratio Lower Upper

113 100

111 102.4 84.2 126.4

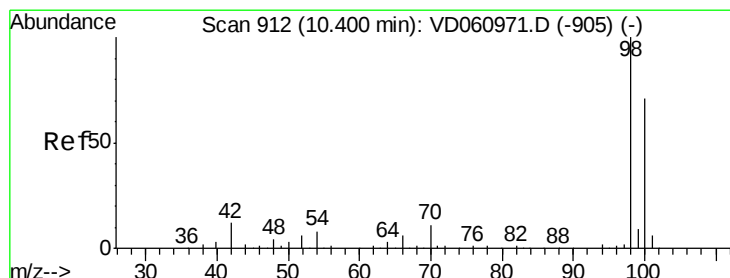
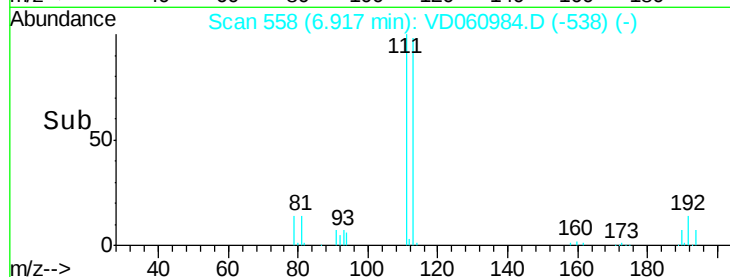
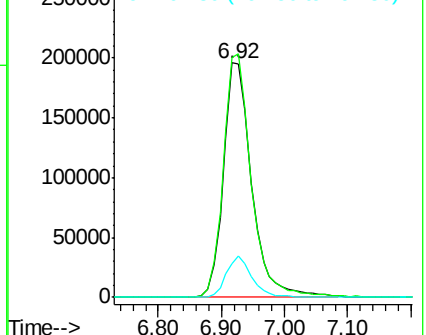
192 14.4 13.1 19.7



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: VD060984.D

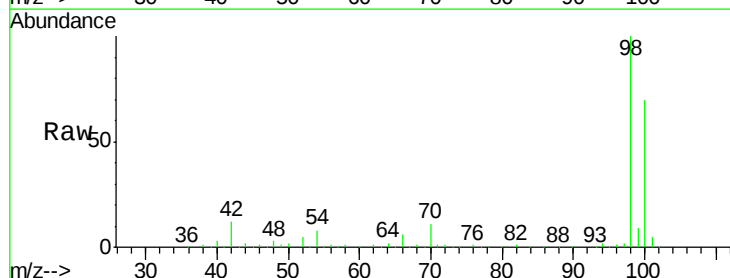
Acq: 8 Mar 2019 15:24

Tgt Ion: 98 Resp: 1460739

Ion Ratio Lower Upper

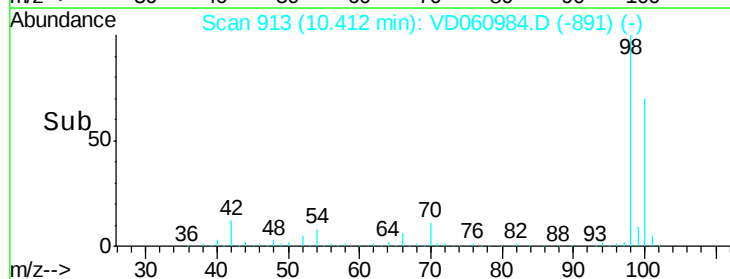
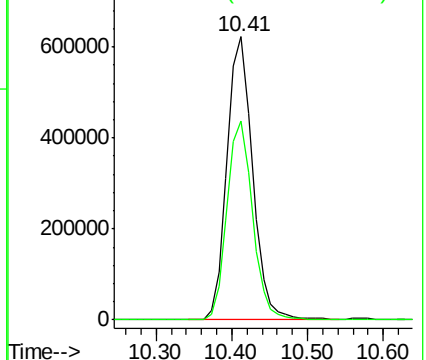
98 100

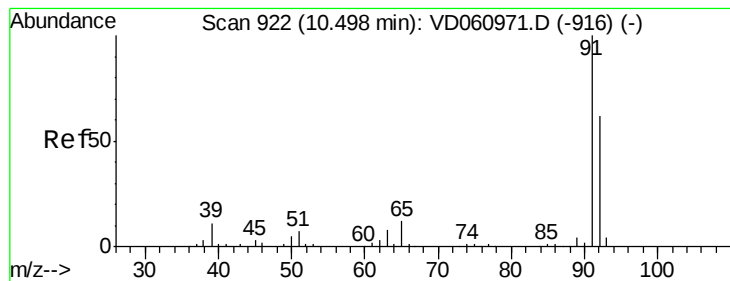
100 70.2 57.4 86.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 1.744 ug/l

RT: 10.51 min Scan# 923

Delta R.T. 0.01 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

Instrument :

MSVOA_D

ClientSampleId :

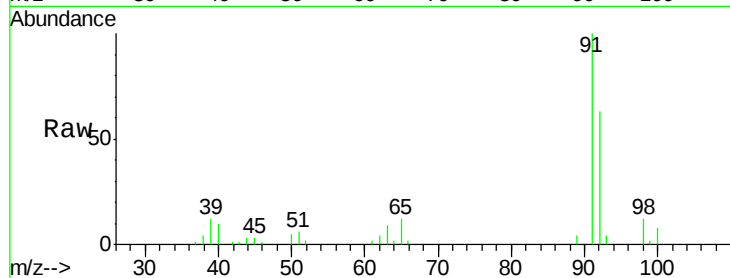
TP-6AB-D

Tot Ion: 92 Resp: 35117

Ion Ratio Lower Upper

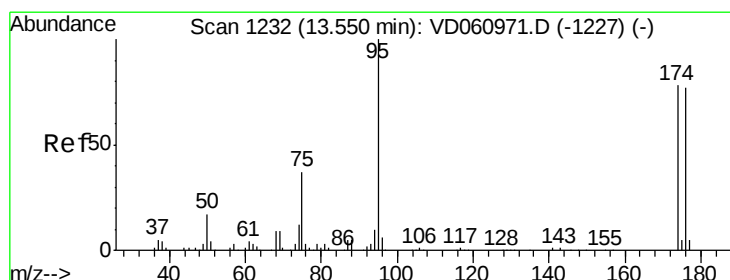
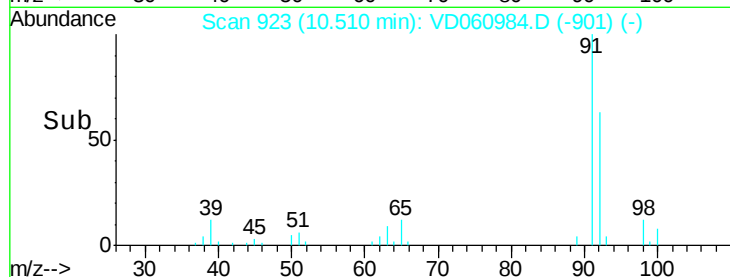
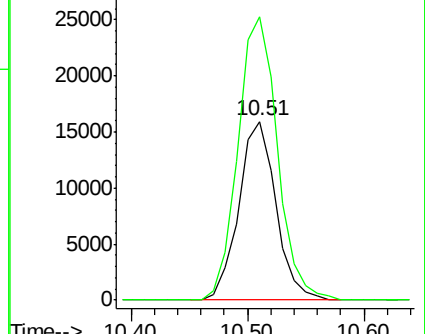
92 100

91 158.1 129.8 194.8



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: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD060984.D

Acq: 8 Mar 2019 15:24

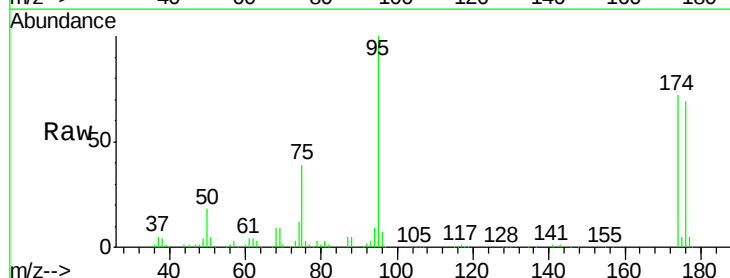
Tgt Ion: 95 Resp: 563597

Ion Ratio Lower Upper

95 100

174 72.2 0.0 155.6

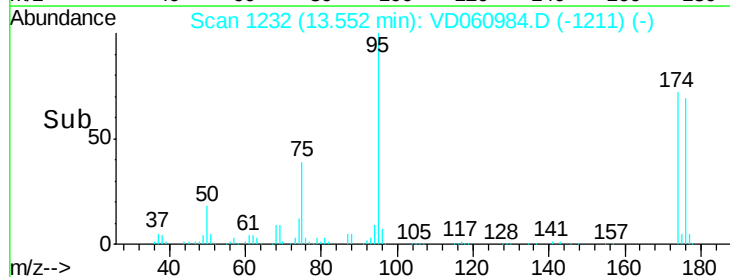
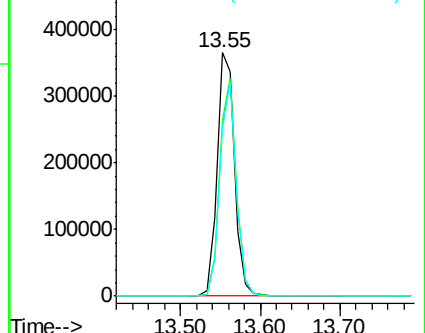
176 69.2 0.0 153.8

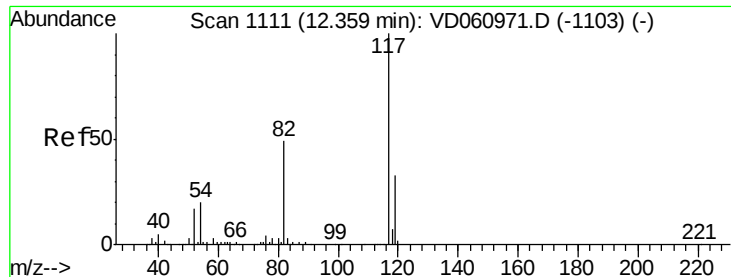


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

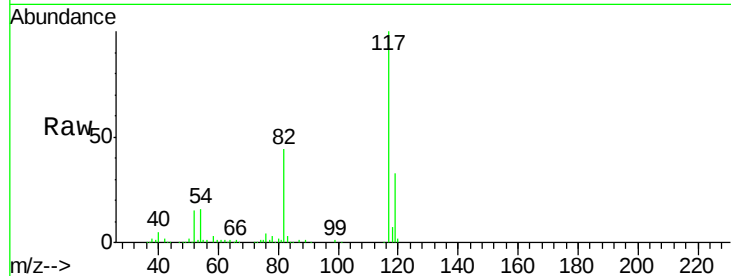




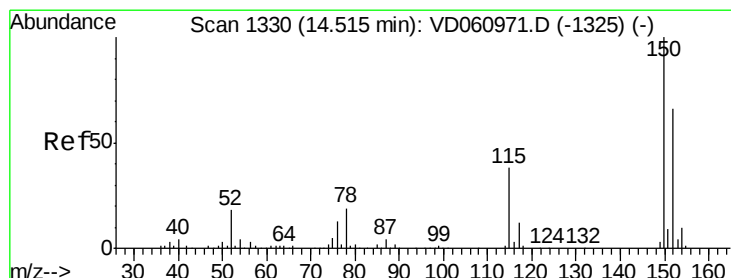
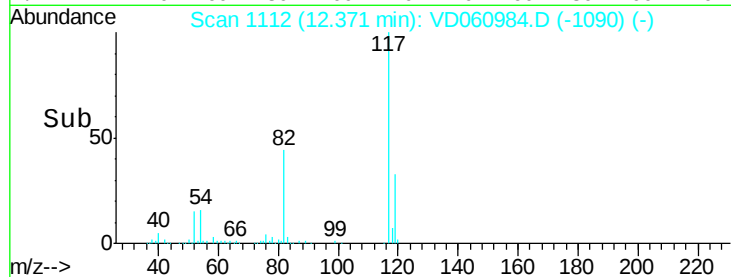
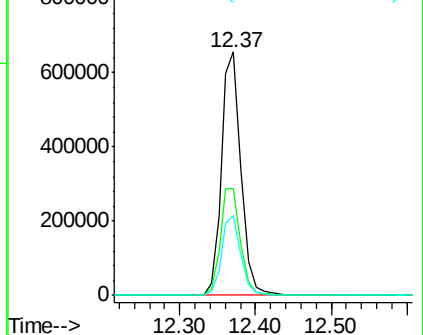
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD060984.D
Acq: 8 Mar 2019 15:24

Instrument :
MSVOA_D
ClientSampleId :
TP-6AB-D

Tot Ion:117 Resp: 1173582
Ion Ratio Lower Upper
117 100
82 43.7 38.9 58.3
119 32.8 26.6 39.8

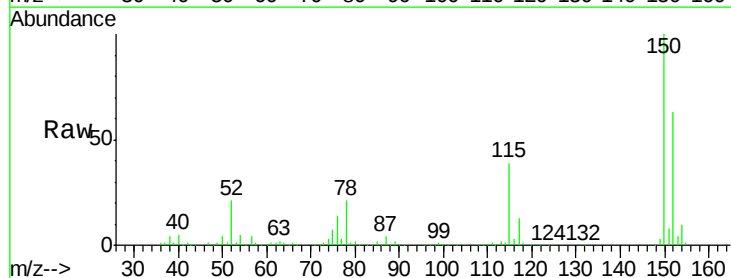


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD060984.D
Acq: 8 Mar 2019 15:24

Tgt Ion:152 Resp: 574493
Ion Ratio Lower Upper
152 100
115 62.4 28.6 85.9
150 159.5 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

