

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062010.D
 Acq On : 24 Apr 2019 21:20
 Operator : VA/AP
 Sample : K2532-22
 Misc : 4.40g/5ml/MSVOA D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-4-2

Quant Time: Apr 25 02:52:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D042319S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 14:52:55 2019
 Response via : Initial Calibration

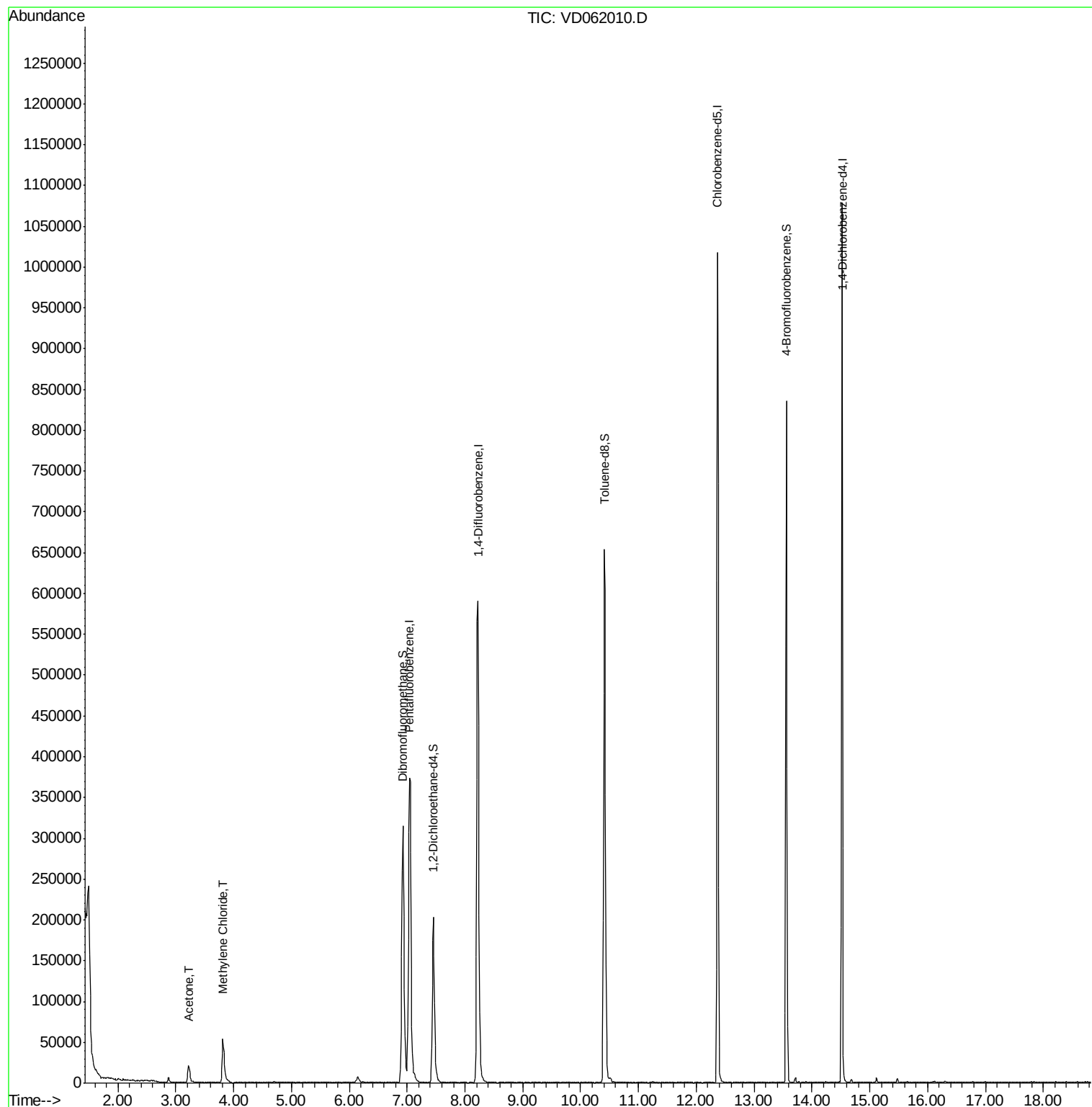
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	403096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	711328	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	613176	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	272210	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	208064	65.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	131.90%	
35) Dibromofluoromethane	6.92	113	296608	60.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	120.58%	
50) Toluene-d8	10.41	98	595006	50.83	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	13.56	95	247951	52.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.62%	
Target Compounds						
16) Acetone	3.22	43	44097	58.540	ug/l	95
20) Methylene Chloride	3.81	84	39172	8.003	ug/l	95

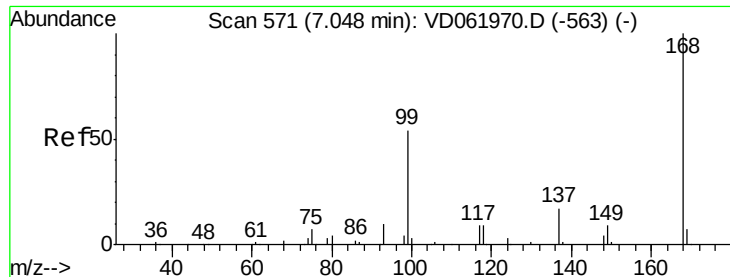
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062010.D

Acq: 24 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampleId :

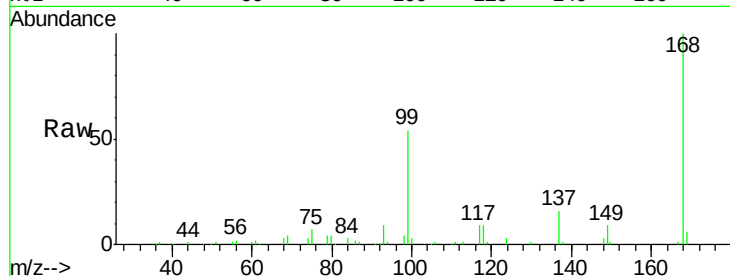
TP-4-2

Tot Ion:168 Resp: 403096

Ion Ratio Lower Upper

168 100

99 54.2 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

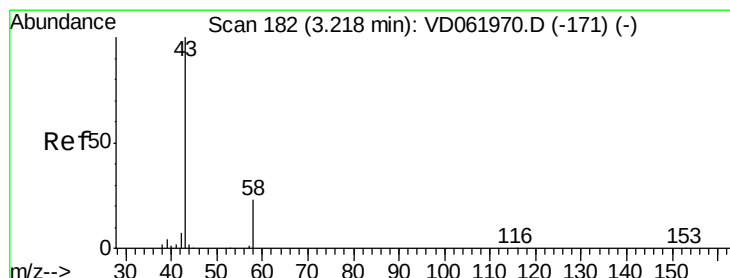
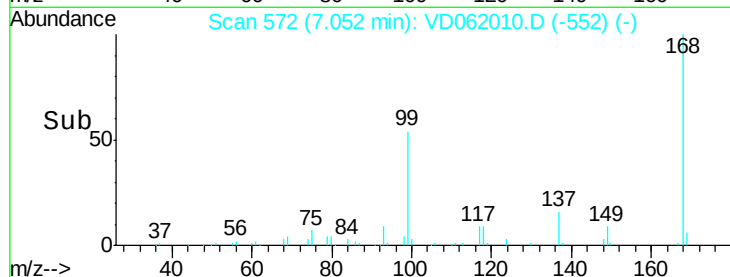
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 58.540 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.00 min

Lab File: VD062010.D

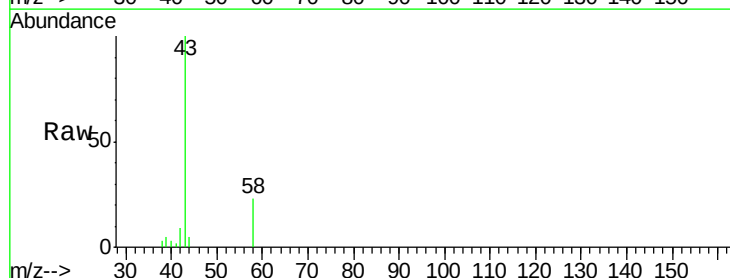
Acq: 24 Apr 2019 21:20

Tgt Ion: 43 Resp: 44097

Ion Ratio Lower Upper

43 100

58 22.6 19.9 29.9



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

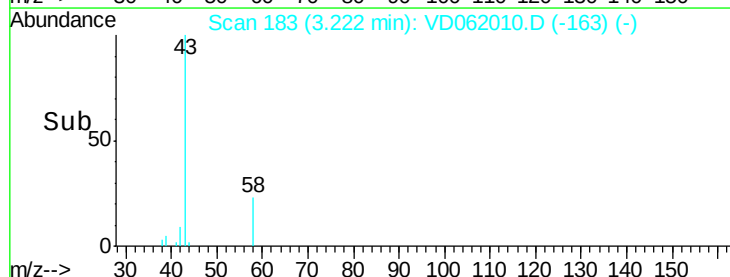
15000

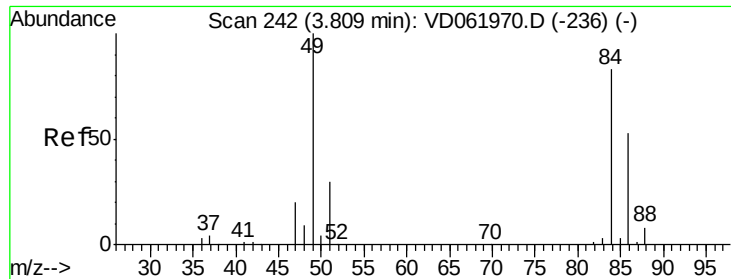
10000

5000

0

Time-->



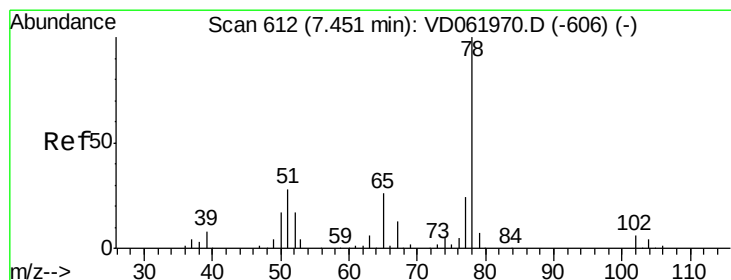
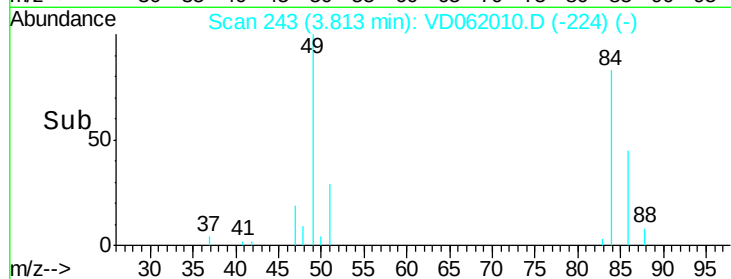
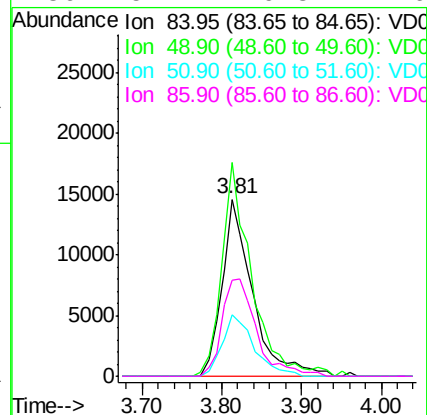
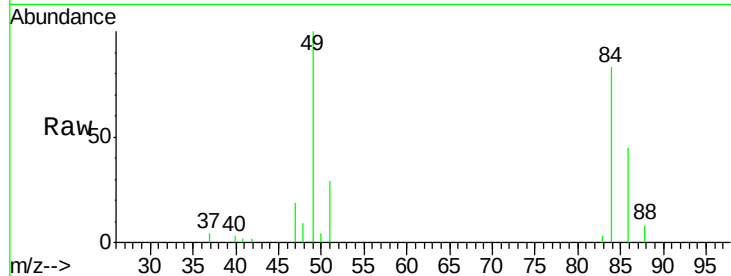


#20
Methylene Chloride
Concen: 8.003 ug/l
RT: 3.81 min Scan# 243
Delta R.T. -0.01 min
Lab File: VD062010.D
Acq: 24 Apr 2019 21:20

Instrument :
MSVOA_D
ClientSampleId :
TP-4-2

Tot Ion: 84 Resp: 39172

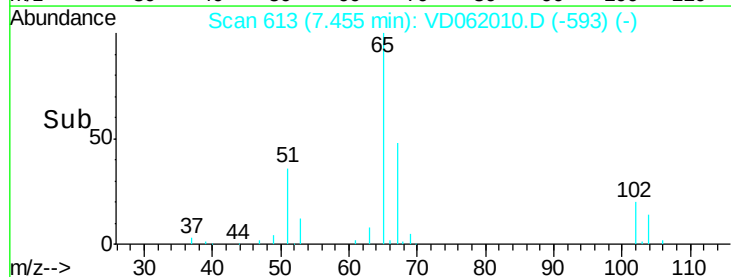
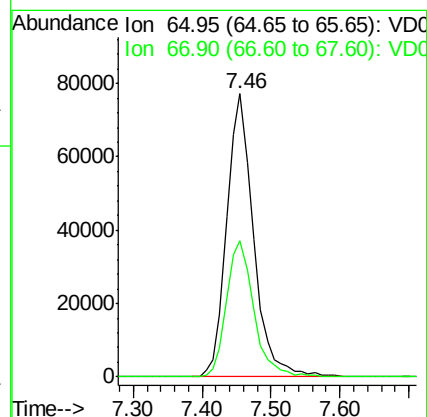
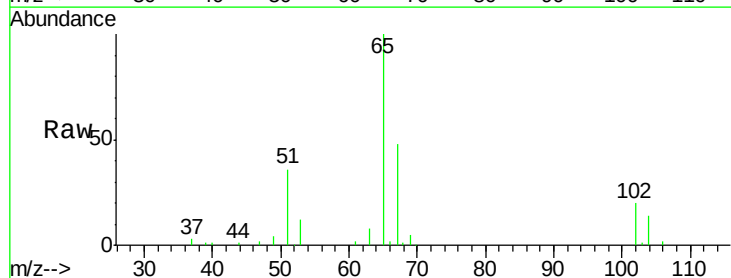
Ion	Ratio	Lower	Upper
84	100		
49	120.5	94.0	141.0
51	34.9	29.0	43.4
86	54.1	49.8	74.6

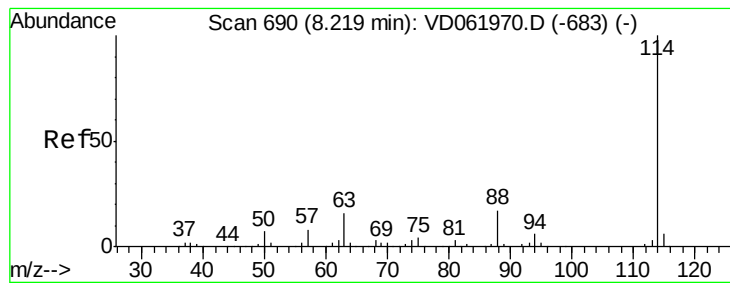


#33
1,2-Dichloroethane-d4
Concen: 65.950 ug/l
RT: 7.46 min Scan# 613
Delta R.T. -0.00 min
Lab File: VD062010.D
Acq: 24 Apr 2019 21:20

Tgt Ion: 65 Resp: 208064

Ion	Ratio	Lower	Upper
65	100		
67	48.1	0.0	98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD062010.D

Acq: 24 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampleId :

TP-4-2

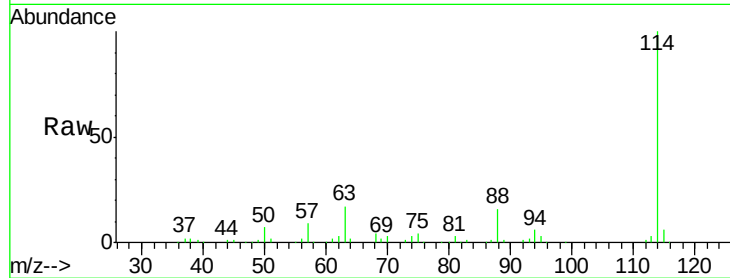
Tot Ion:114 Resp: 711328

Ion Ratio Lower Upper

114 100

63 17.4 0.0 32.4

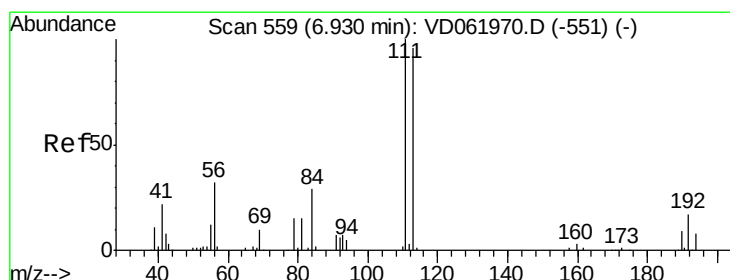
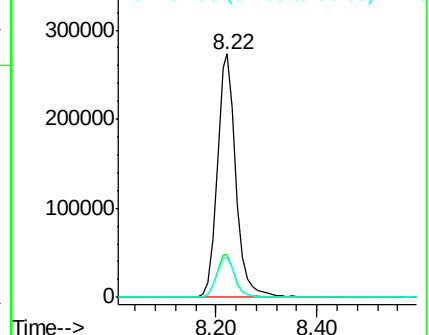
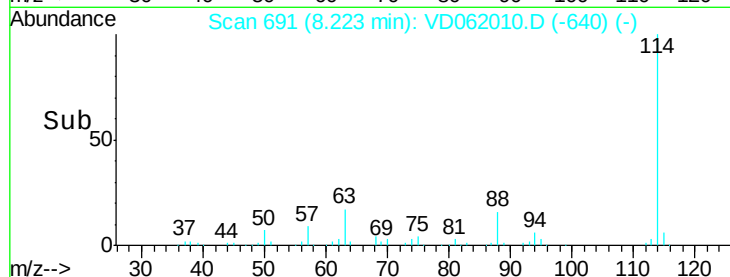
88 16.5 0.0 33.6



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: 60.292 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062010.D

Acq: 24 Apr 2019 21:20

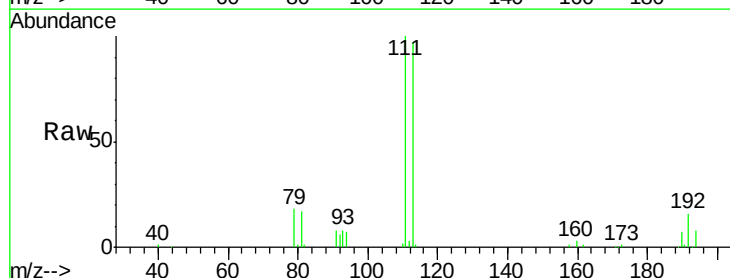
Tgt Ion:113 Resp: 296608

Ion Ratio Lower Upper

113 100

111 103.2 78.5 117.7

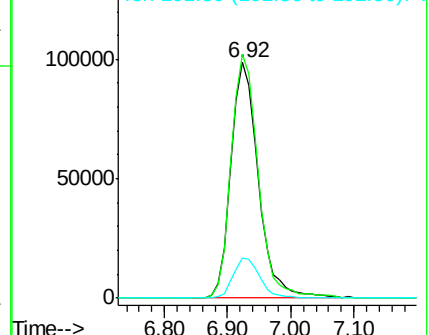
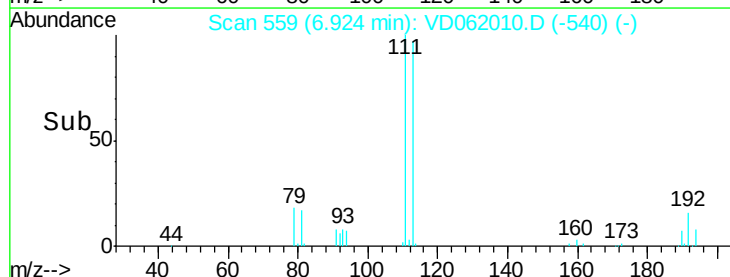
192 16.7 13.0 19.4

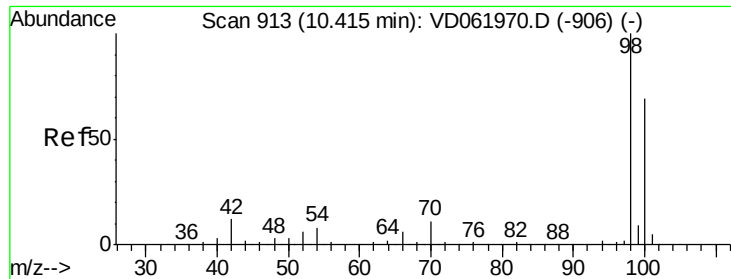


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 50.829 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.01 min

Lab File: VD062010.D

Acq: 24 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampleId :

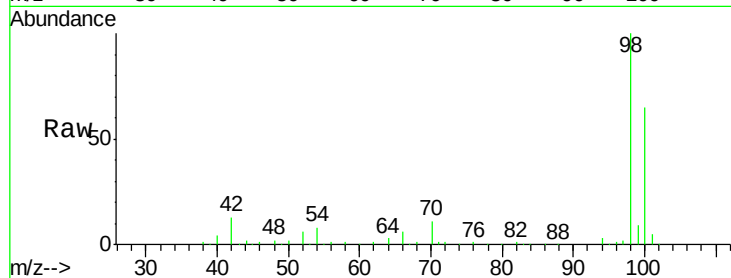
TP-4-2

Tot Ion: 98 Resp: 595006

Ion Ratio Lower Upper

98 100

100 65.4 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)

Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

10.41

250000

200000

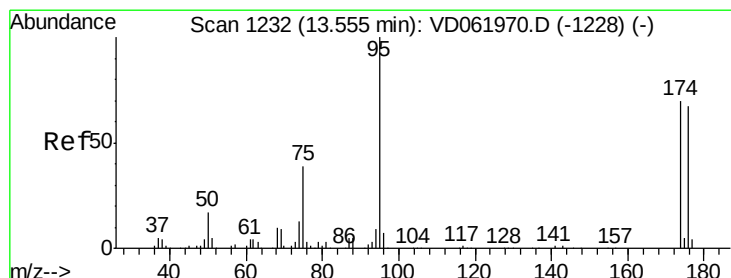
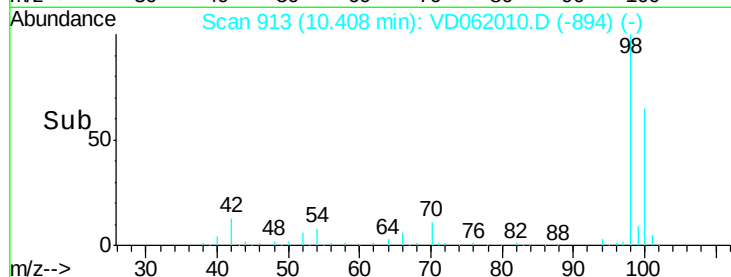
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.810 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.00 min

Lab File: VD062010.D

Acq: 24 Apr 2019 21:20

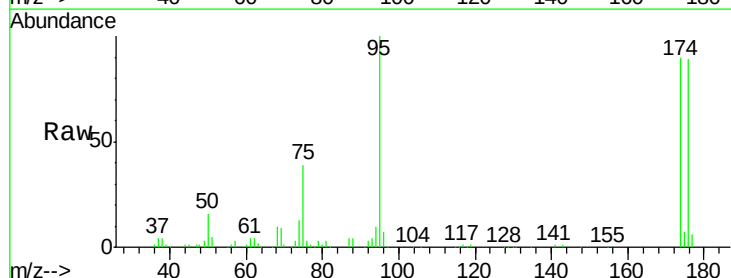
Tgt Ion: 95 Resp: 247951

Ion Ratio Lower Upper

95 100

174 89.9 0.0 181.8

176 88.9 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD061970.D (-1228) (-)

Ion 173.90 (173.60 to 174.60): VD061970.D (-1228) (-)

Ion 175.90 (175.60 to 176.60): VD061970.D (-1228) (-)

200000

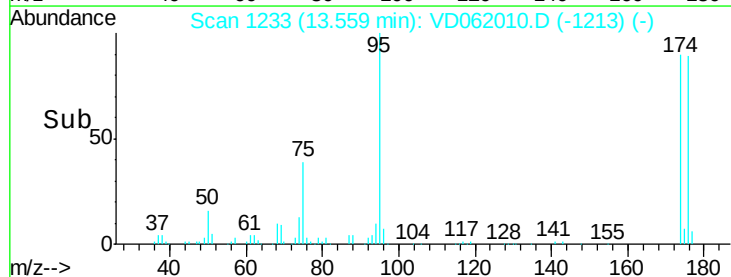
150000

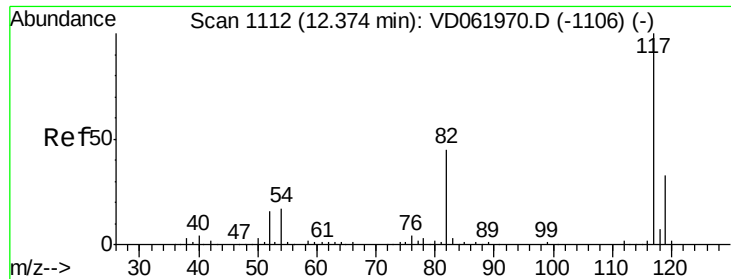
100000

50000

0

Time-->

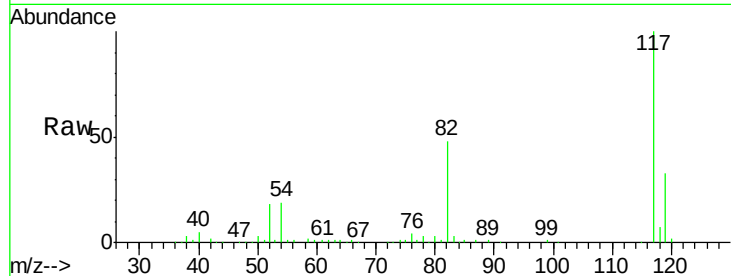




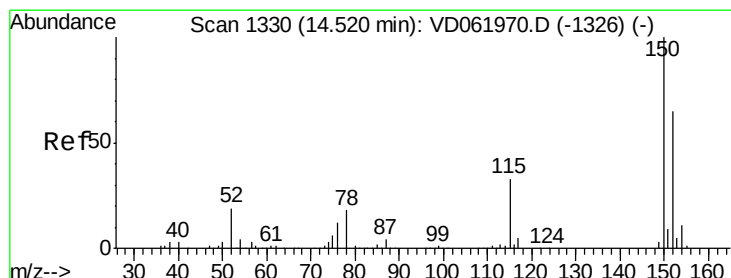
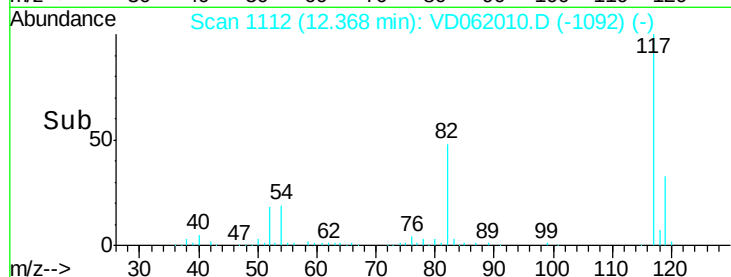
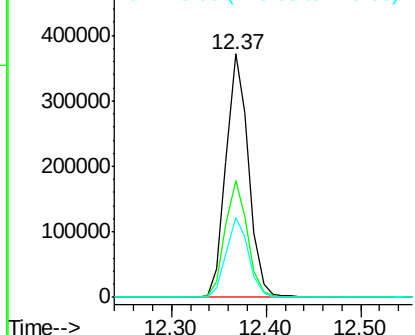
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062010.D
Acq: 24 Apr 2019 21:20

Instrument :
MSVOA_D
ClientSampled :
TP-4-2

Tot Ion:117 Resp: 613176
Ion Ratio Lower Upper
117 100
82 47.9 36.2 54.2
119 32.7 26.2 39.4

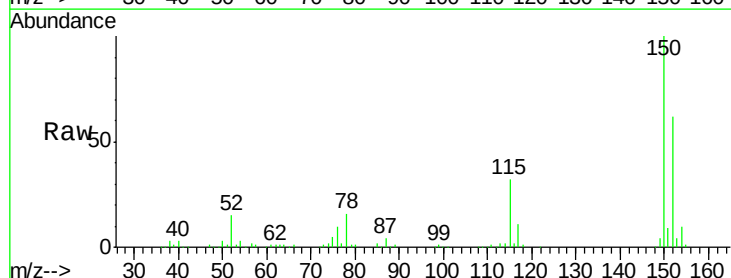


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062010.D
Acq: 24 Apr 2019 21:20

Tgt Ion:152 Resp: 272210
Ion Ratio Lower Upper
152 100
115 52.1 30.9 92.7
150 160.3 0.0 314.8



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

