

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD061993.D
 Acq On : 24 Apr 2019 13:00
 Operator : VA/AP
 Sample : K2515-10
 Misc : 5.80g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-9-2

Quant Time: Apr 24 13:59:46 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	7.06	168	675946	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.23	114	970182	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	866224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	349242	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.47	65	199225	37.66	ug/l	0.01
Spiked Amount			Recovery	=	75.32%	
35) Dibromofluoromethane	6.94	113	320040	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
50) Toluene-d8	10.42	98	636440	39.86	ug/l	0.00
Spiked Amount			Recovery	=	79.72%	
62) 4-Bromofluorobenzene	13.56	95	251697	39.30	ug/l	0.00
Spiked Amount			Recovery	=	78.60%	

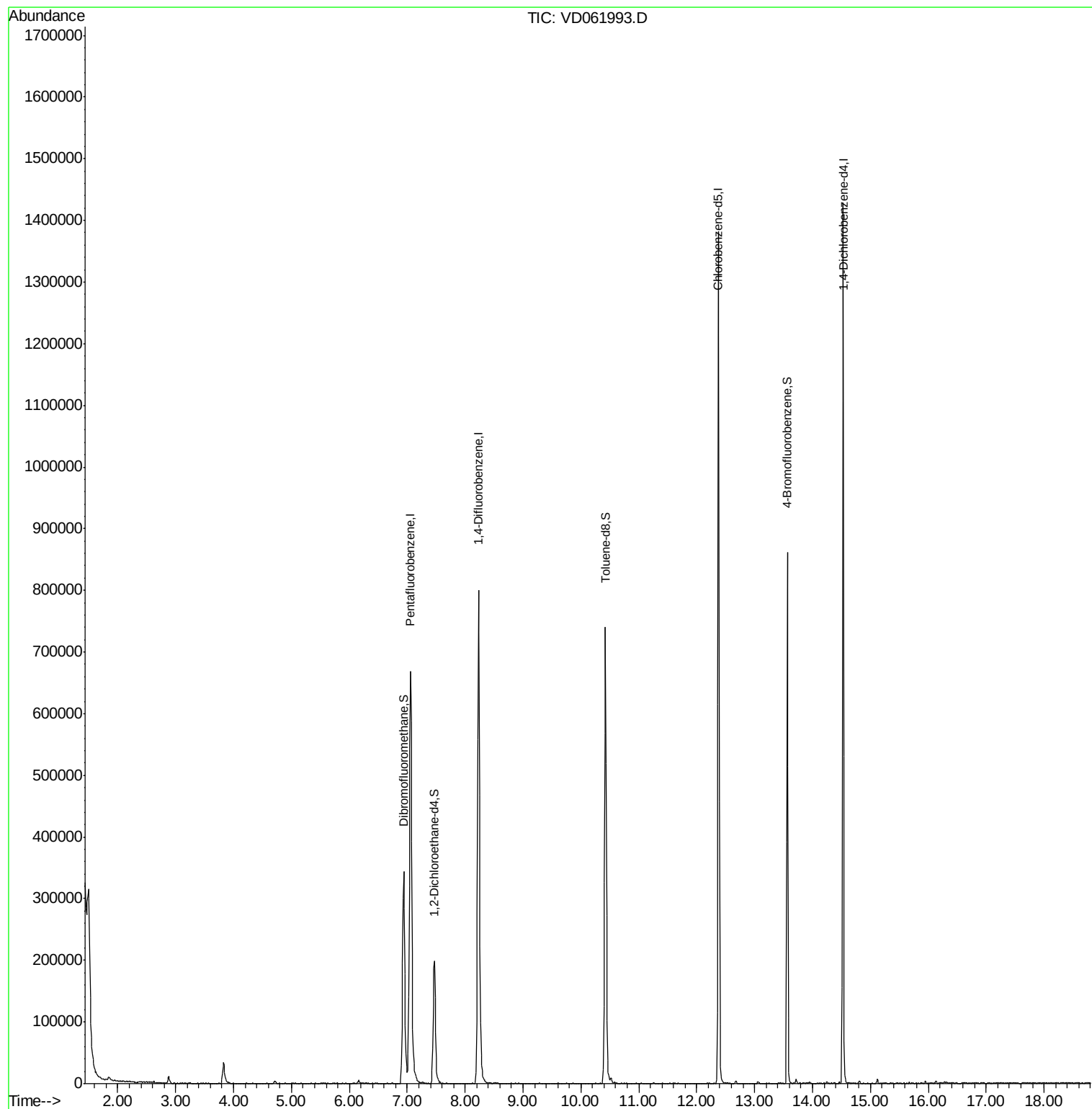
Target Compounds	Qvalue
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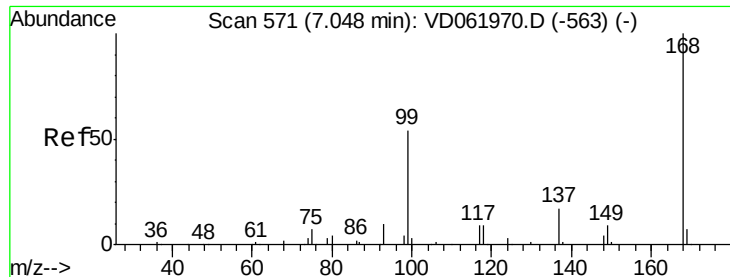
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD042419\
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QLast Update : Tue Apr 23 14:52:55 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.06 min Scan# 572

Delta R.T. 0.00 min

Lab File: VD061993.D

Acq: 24 Apr 2019 13:00

Instrument :

MSVOA_D

ClientSampleId :

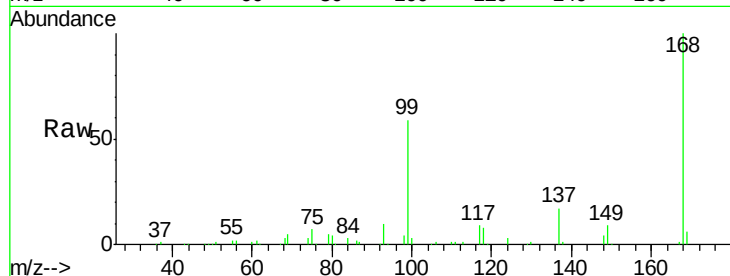
TP-9-2

Tot Ion:168 Resp: 675946

Ion Ratio Lower Upper

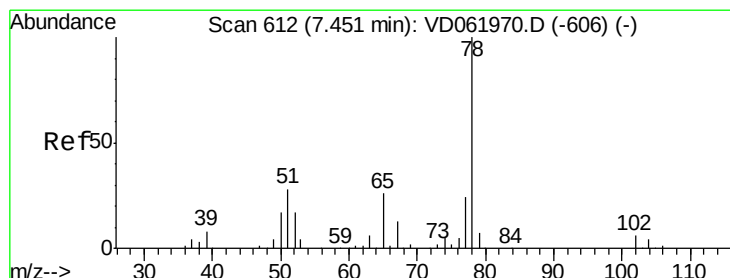
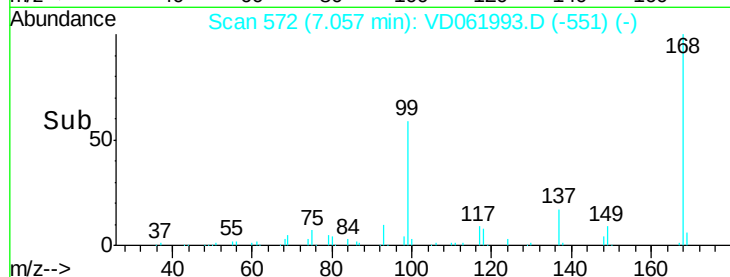
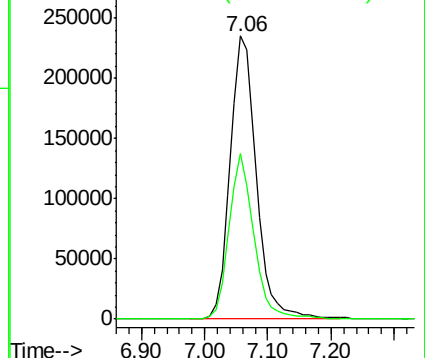
168 100

99 58.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 37.658 ug/l

RT: 7.47 min Scan# 614

Delta R.T. 0.01 min

Lab File: VD061993.D

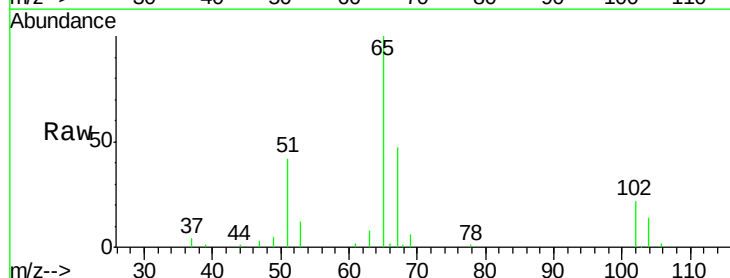
Acq: 24 Apr 2019 13:00

Tgt Ion: 65 Resp: 199225

Ion Ratio Lower Upper

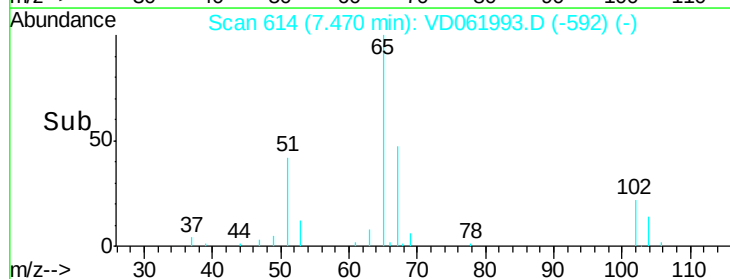
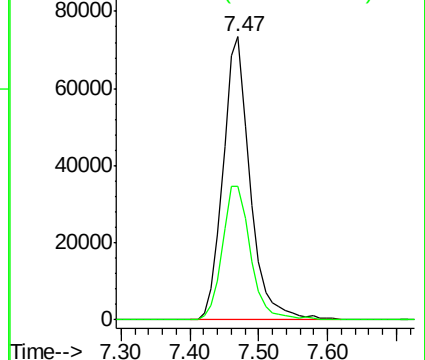
65 100

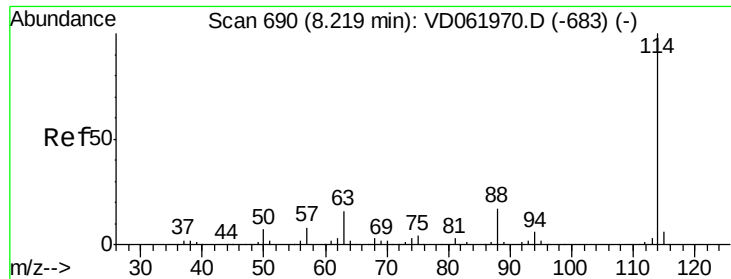
67 47.2 0.0 98.0



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: 8.23 min Scan# 691

Delta R.T. 0.00 min

Lab File: VD061993.D

Acq: 24 Apr 2019 13:00

Instrument :

MSVOA_D

ClientSampleId :

TP-9-2

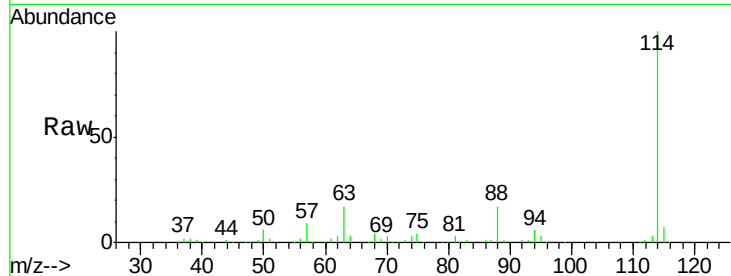
Tot Ion:114 Resp: 970182

Ion Ratio Lower Upper

114 100

63 16.8 0.0 32.4

88 17.1 0.0 33.6

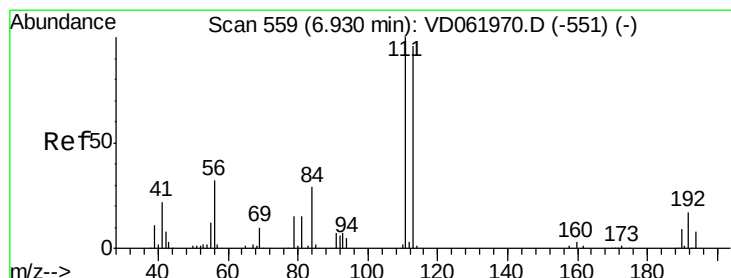
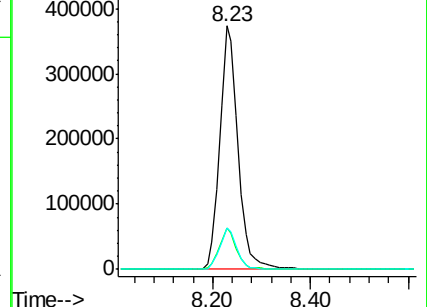
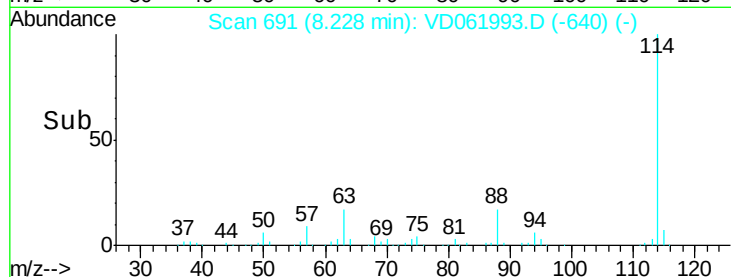


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V

8.23



#35

Dibromofluoromethane

Concen: 47.698 ug/l

RT: 6.94 min Scan# 560

Delta R.T. 0.00 min

Lab File: VD061993.D

Acq: 24 Apr 2019 13:00

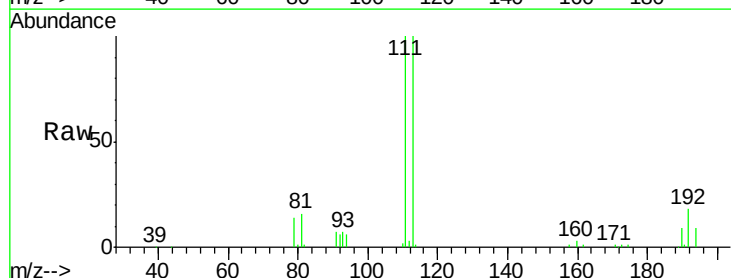
Tgt Ion:113 Resp: 320040

Ion Ratio Lower Upper

113 100

111 99.6 78.5 117.7

192 17.7 13.0 19.4

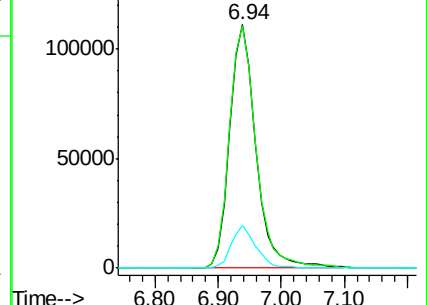
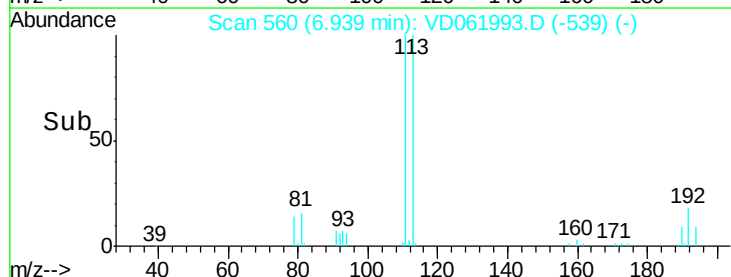


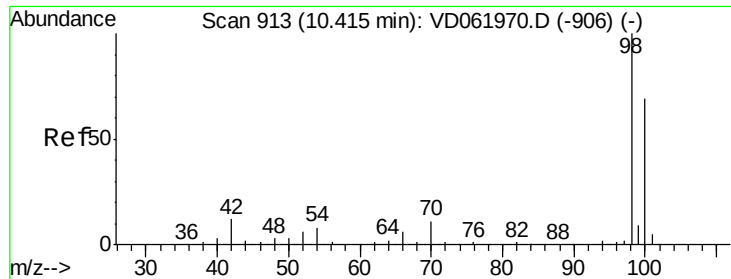
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

6.94

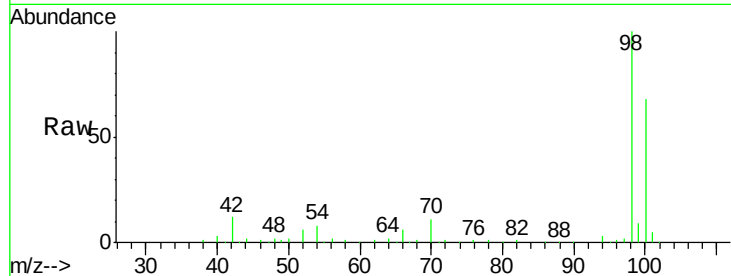




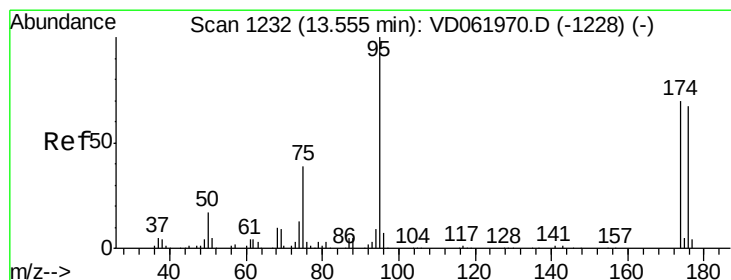
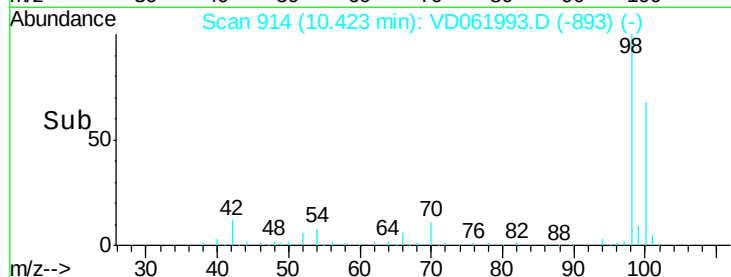
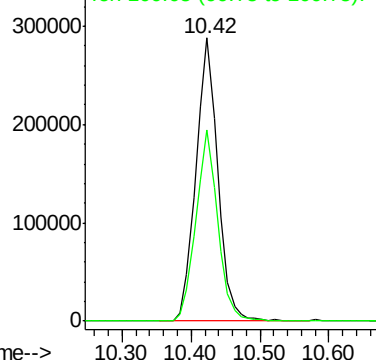
#50
Toluene-d8
Concen: 39.863 ug/l
RT: 10.42 min Scan# 914
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tot Ion: 98 Resp: 636440
Ion Ratio Lower Upper
98 100
100 67.7 53.8 80.8

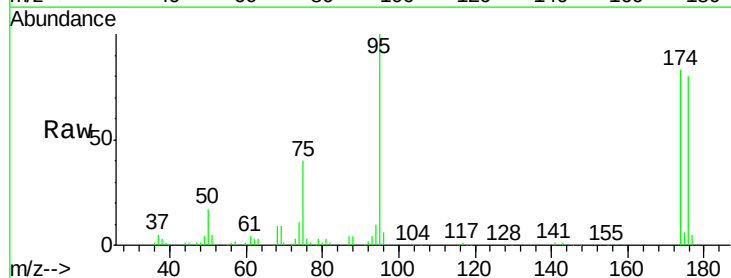


Abundance Ion 98.05 (97.75 to 98.75): VD061970.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD061970.D (-906) (-)

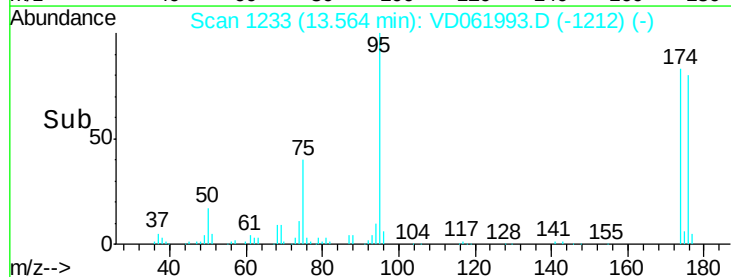
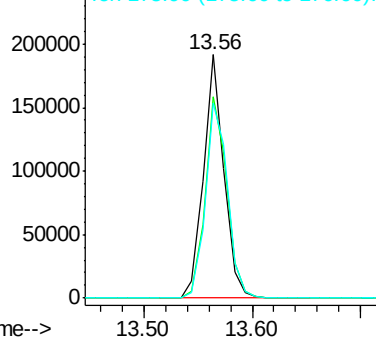


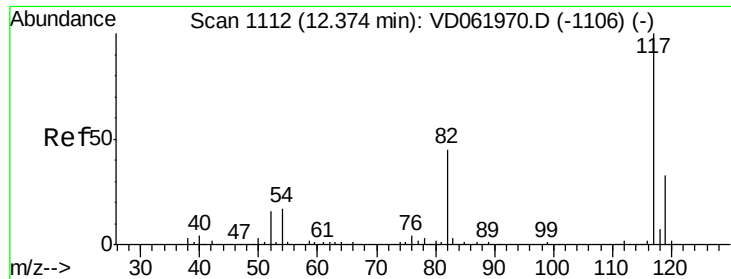
#62
4-Bromofluorobenzene
Concen: 39.304 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion: 95 Resp: 251697
Ion Ratio Lower Upper
95 100
174 82.5 0.0 181.8
176 80.0 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) (-)

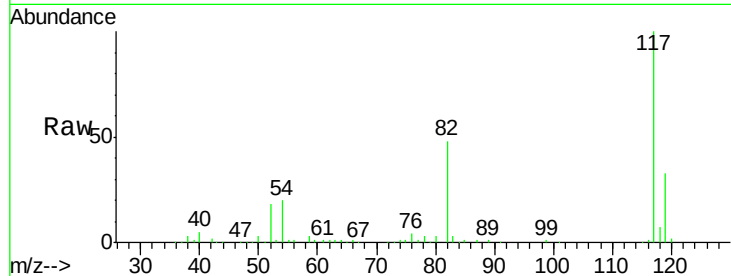




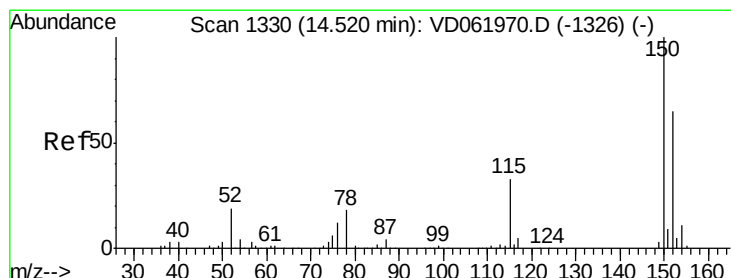
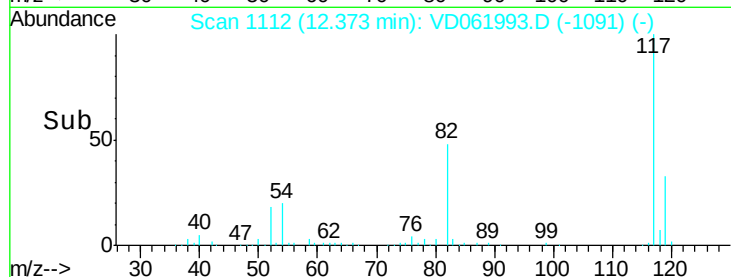
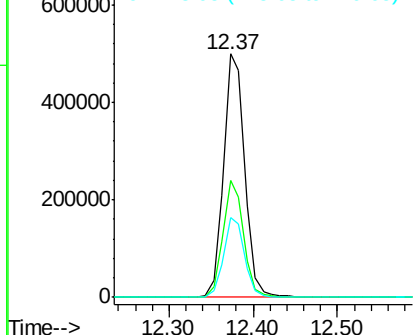
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Instrument :
MSVOA_D
ClientSampleId :
TP-9-2

Tot Ion:117 Resp: 866224
Ion Ratio Lower Upper
117 100
82 48.0 36.2 54.2
119 32.6 26.2 39.4

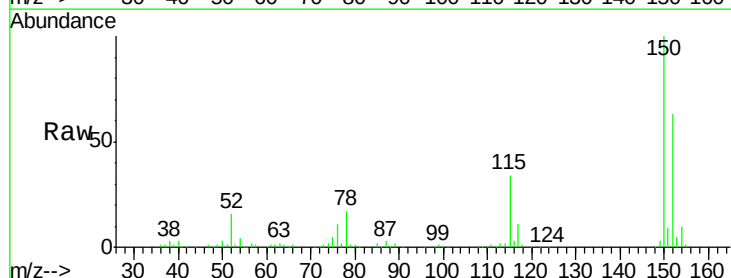


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.00 min
Lab File: VD061993.D
Acq: 24 Apr 2019 13:00

Tgt Ion:152 Resp: 349242
Ion Ratio Lower Upper
152 100
115 53.7 30.9 92.7
150 157.6 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

