

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042419\
 Data File : VD062006.D
 Acq On : 24 Apr 2019 19:20
 Operator : VA/AP
 Sample : K2532-06
 Misc : 6.13g/5ml/MSVOA D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-2

Quant Time: Apr 25 15:40:01 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	18420	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	44815	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	47726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	24538	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	25065	173.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	347.72%	
35) Dibromofluoromethane	6.93	113	23028	74.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	148.60%	
50) Toluene-d8	10.42	98	37096	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
62) 4-Bromofluorobenzene	13.56	95	21620	73.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	146.18%	

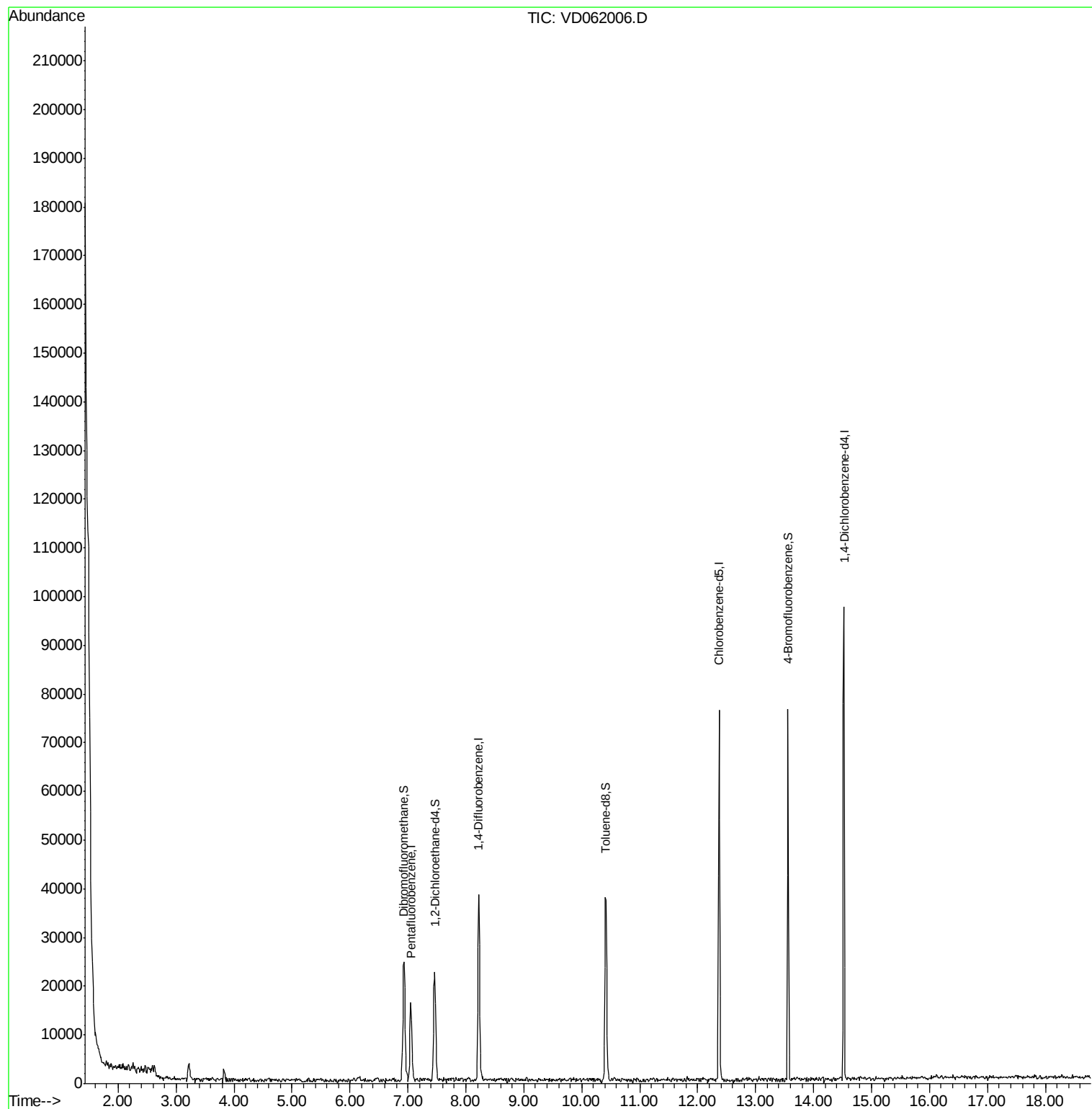
Target Compounds	Qvalue

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

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. -0.00 min

Lab File: VD062006.D

Acq: 24 Apr 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

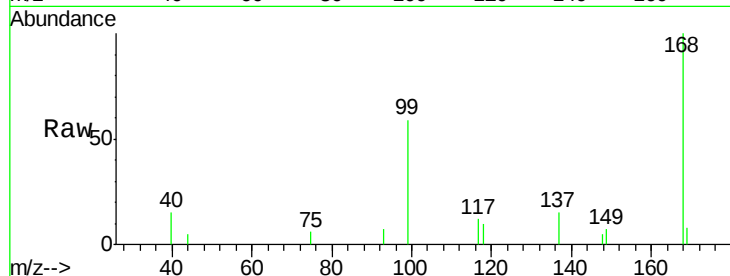
TP-2-2

Tot Ion:168 Resp: 18420

Ion Ratio Lower Upper

168 100

99 59.2 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

6000

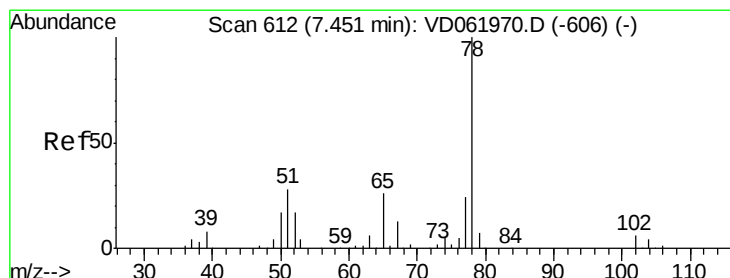
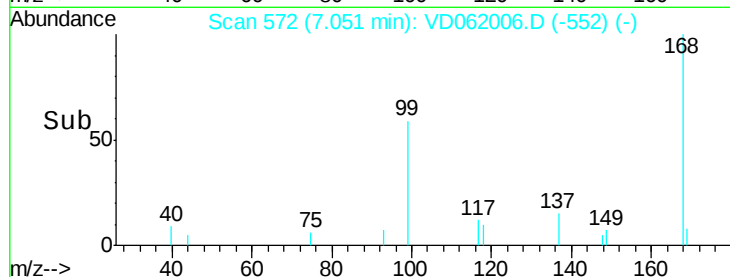
4000

2000

0

6.95 7.00 7.05 7.10 7.15

Time-->



#33

1,2-Dichloroethane-d4

Concen: 173.863 ug/l

RT: 7.45 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD062006.D

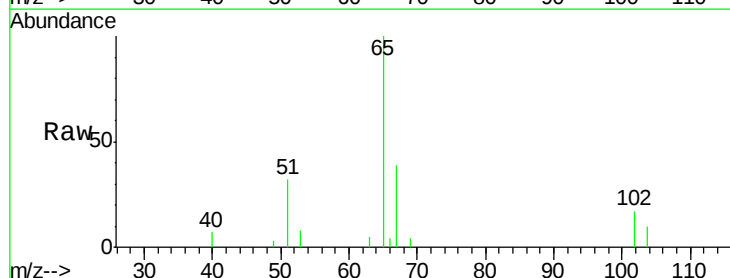
Acq: 24 Apr 2019 19:20

Tgt Ion: 65 Resp: 25065

Ion Ratio Lower Upper

65 100

67 38.9 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

10000

8000

6000

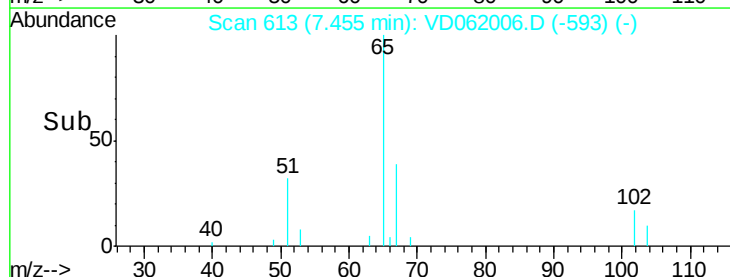
4000

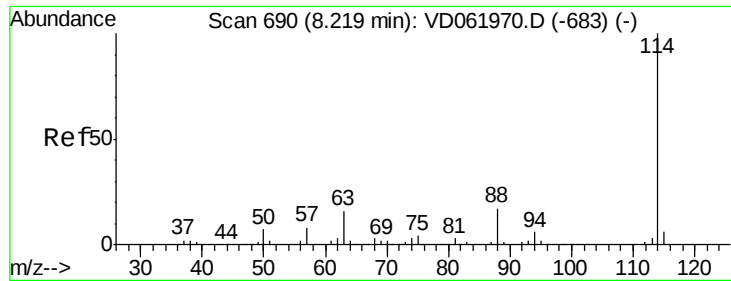
2000

0

7.35 7.40 7.45 7.50 7.55

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.00 min

Lab File: VD062006.D

Acq: 24 Apr 2019 19:20

Instrument :

MSVOA_D

ClientSampleId :

TP-2-2

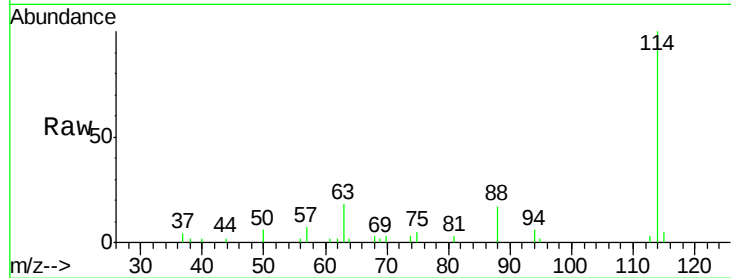
Tot Ion:114 Resp: 44815

Ion Ratio Lower Upper

114 100

63 18.0 0.0 32.4

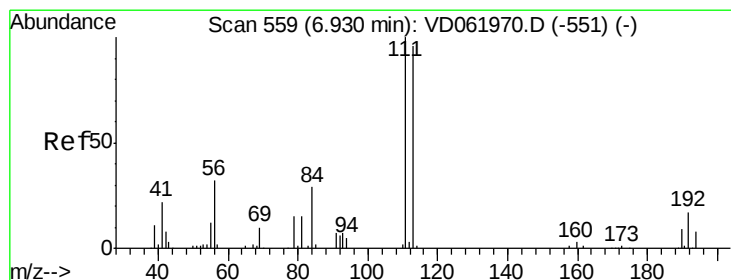
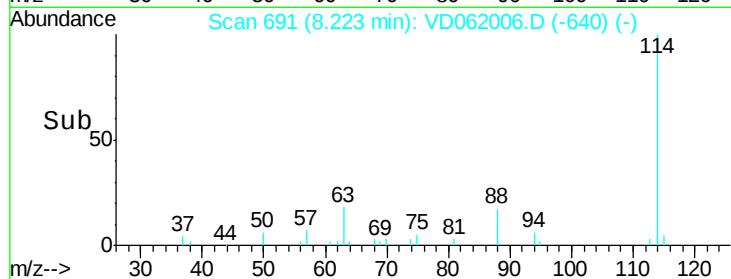
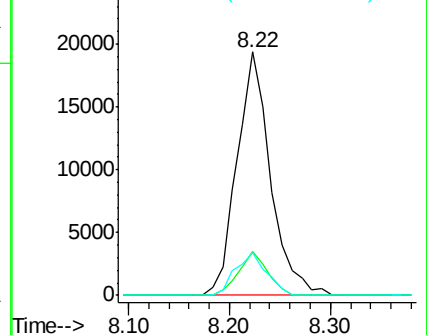
88 17.4 0.0 33.6



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: 74.299 ug/l

RT: 6.93 min Scan# 560

Delta R.T. -0.00 min

Lab File: VD062006.D

Acq: 24 Apr 2019 19:20

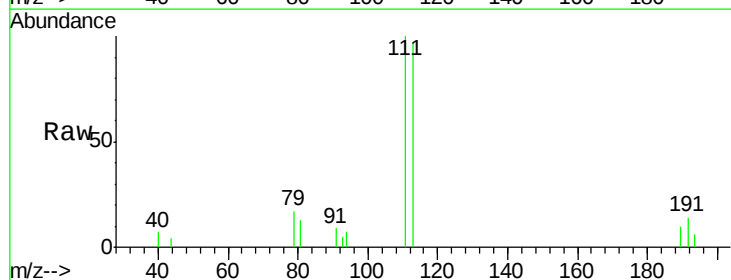
Tgt Ion:113 Resp: 23028

Ion Ratio Lower Upper

113 100

111 103.3 78.5 117.7

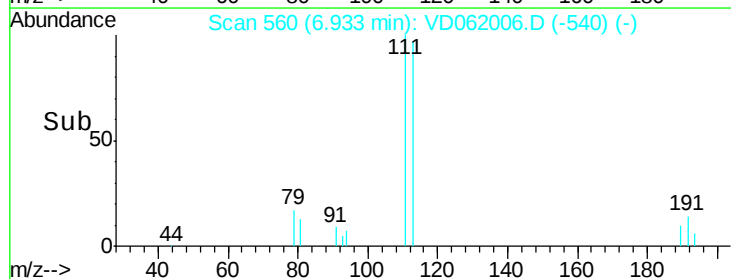
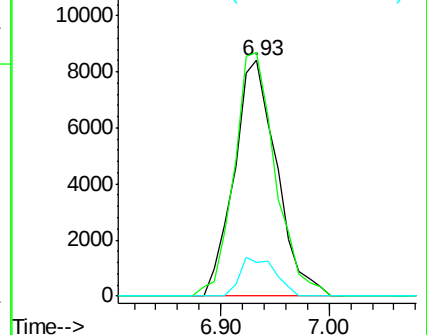
192 14.1 13.0 19.4

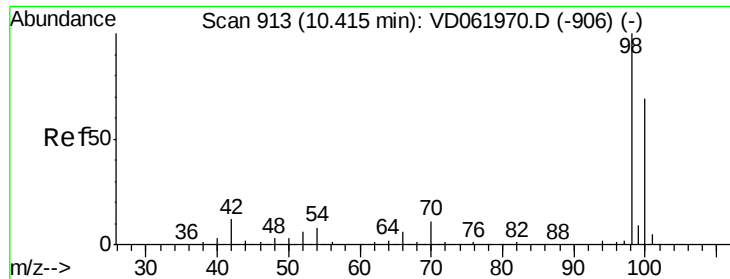


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

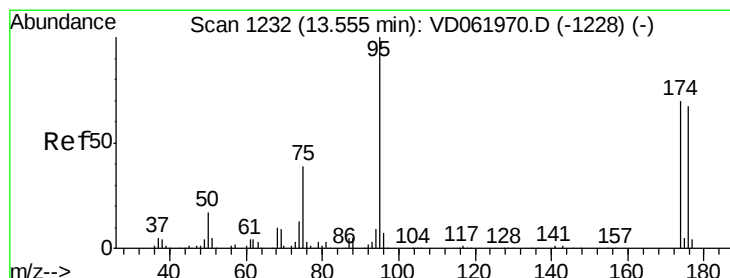
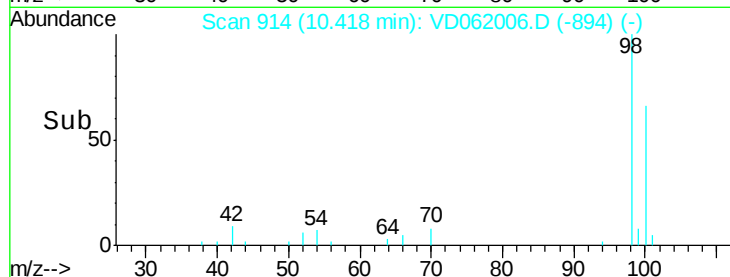
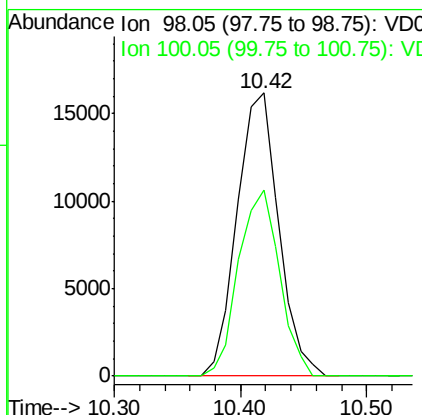
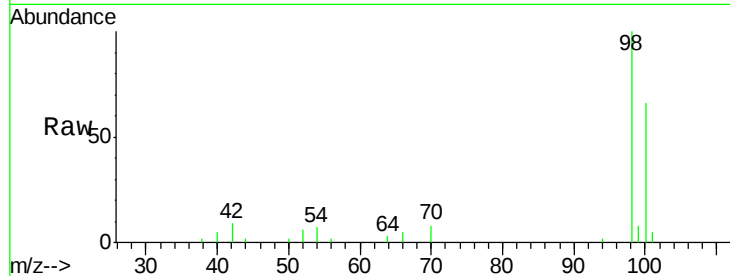




#50
Toluene-d8
Concen: 50.300 ug/l
RT: 10.42 min Scan# 914
Delta R.T. -0.00 min
Lab File: VD062006.D
Acq: 24 Apr 2019 19:20

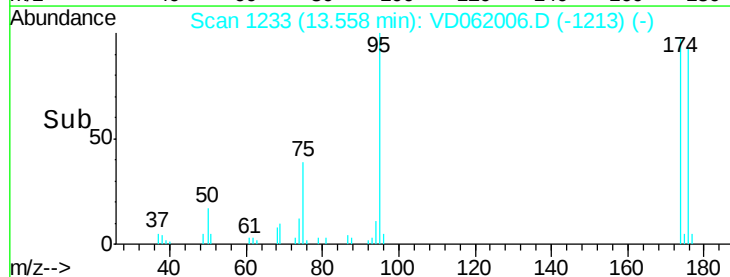
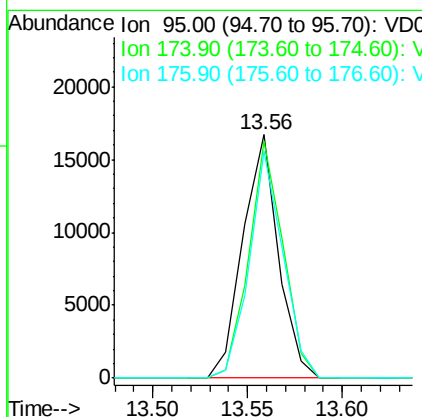
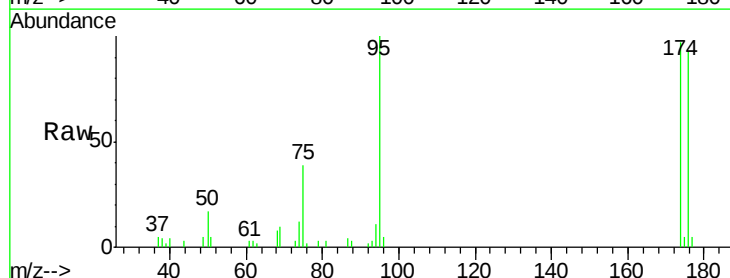
Instrument :
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ClientSampleId :
TP-2-2

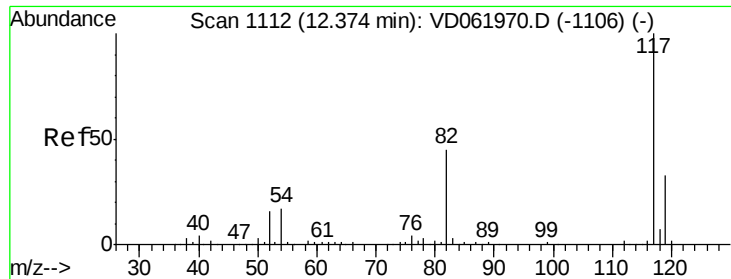
Tot Ion: 98 Resp: 37096
Ion Ratio Lower Upper
98 100
100 65.6 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 73.089 ug/l
RT: 13.56 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VD062006.D
Acq: 24 Apr 2019 19:20

Tgt Ion: 95 Resp: 21620
Ion Ratio Lower Upper
95 100
174 97.4 0.0 181.8
176 93.0 0.0 174.4

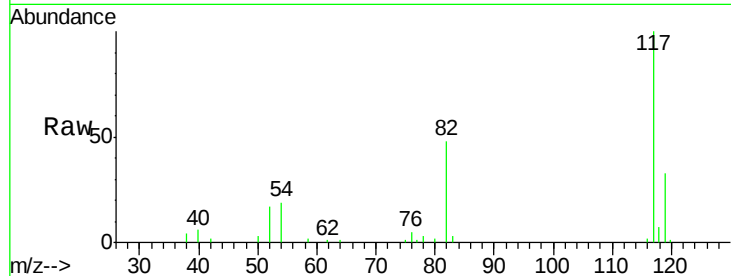




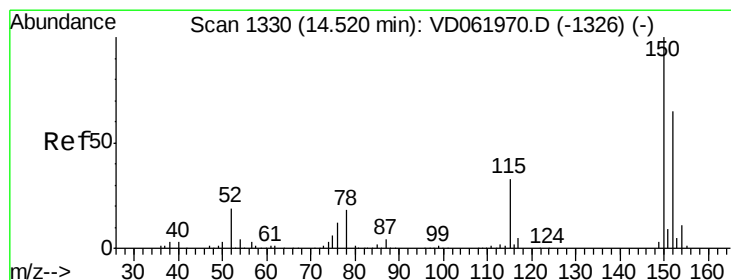
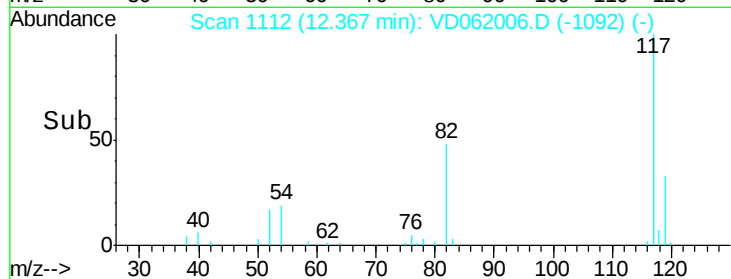
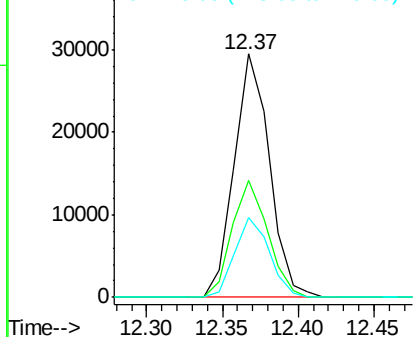
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD062006.D
Acq: 24 Apr 2019 19:20

Instrument :
MSVOA_D
ClientSampleId :
TP-2-2

Tot Ion:117 Resp: 47726
Ion Ratio Lower Upper
117 100
82 48.2 36.2 54.2
119 32.8 26.2 39.4

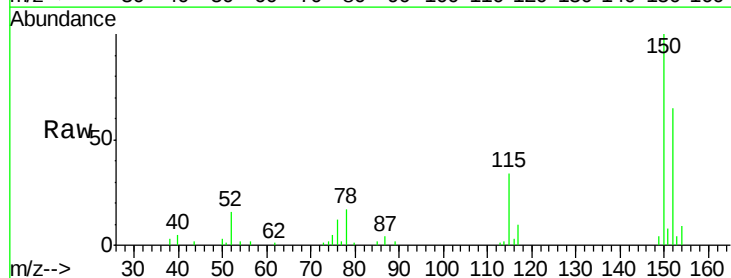


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.00 min
Lab File: VD062006.D
Acq: 24 Apr 2019 19:20

Tgt Ion:152 Resp: 24538
Ion Ratio Lower Upper
152 100
115 52.2 30.9 92.7
150 154.8 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

