

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD042519\
 Data File : VD062051.D
 Acq On : 25 Apr 2019 21:20
 Operator : VA/AP
 Sample : K2571-01
 Misc : 6.38g/5ml/MSVOA D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 144-PENNINGTON

Quant Time: Apr 26 02:13:09 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	7.04	168	201700	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.21	114	322741	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	274465	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	115614	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	140570	89.05	ug/l	-0.01
Spiked Amount						
			Recovery	=	178.10%	
35) Dibromofluoromethane	6.92	113	158900	71.19	ug/l	-0.01
Spiked Amount						
			Recovery	=	142.38%	
50) Toluene-d8	10.40	98	308808	58.14	ug/l	-0.01
Spiked Amount						
			Recovery	=	116.28%	
62) 4-Bromofluorobenzene	13.55	95	116220	54.56	ug/l	0.00
Spiked Amount						
			Recovery	=	109.12%	

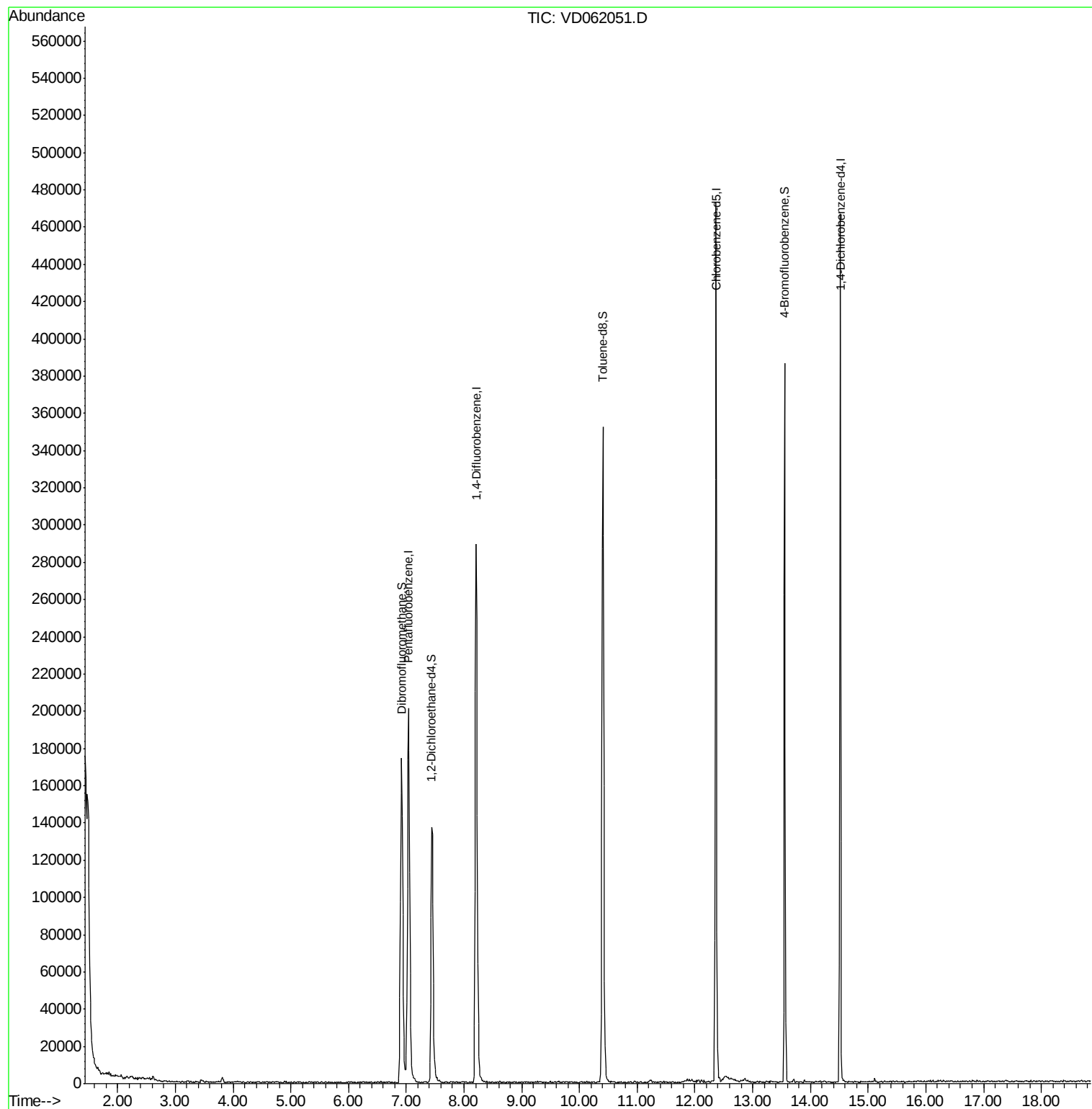
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

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MSVOA_D

ClientSampleId :

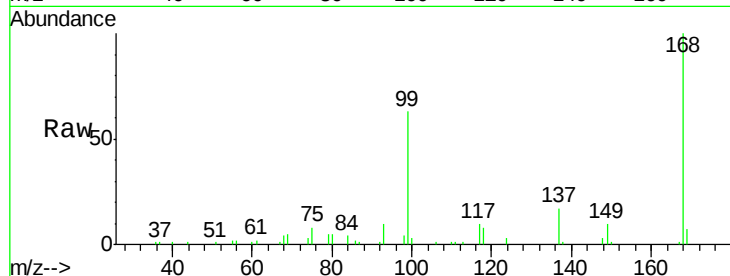
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Tot Ion:168 Resp: 201700

Ion Ratio Lower Upper

168 100

99 62.9 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

60000

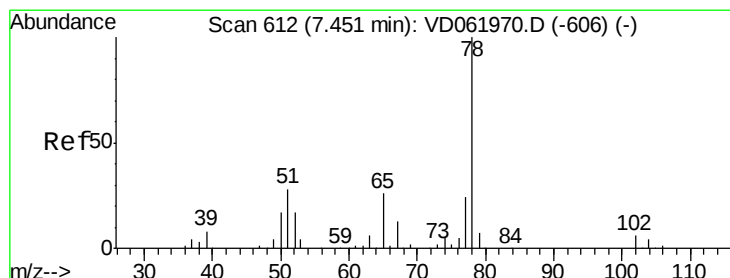
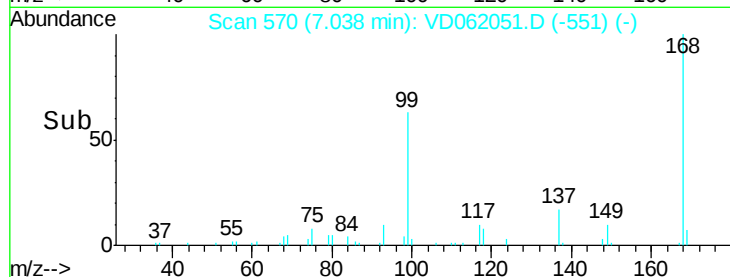
40000

20000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 89.046 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD062051.D

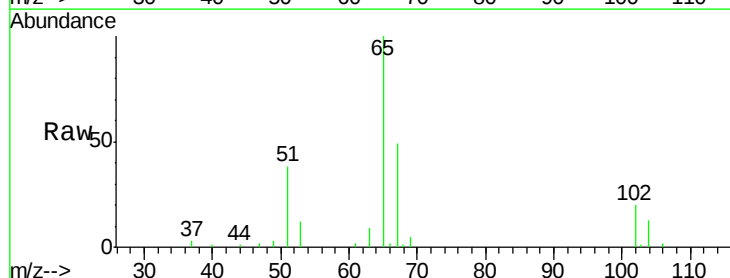
Acq: 25 Apr 2019 21:20

Tgt Ion: 65 Resp: 140570

Ion Ratio Lower Upper

65 100

67 49.3 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

60000

50000

40000

30000

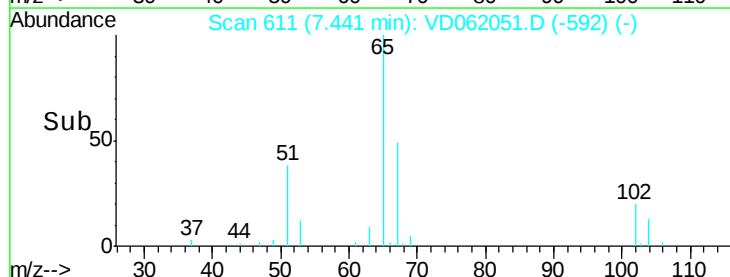
20000

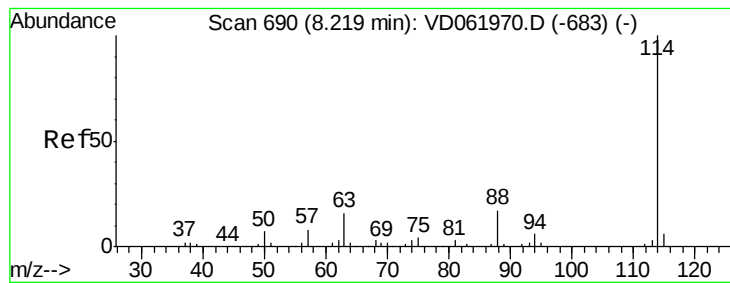
10000

0

Time-->

7.30 7.40 7.50 7.60





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.01 min

Lab File: VD062051.D

Acq: 25 Apr 2019 21:20

Instrument :

MSVOA_D

ClientSampleId :

144-PENNINGTON

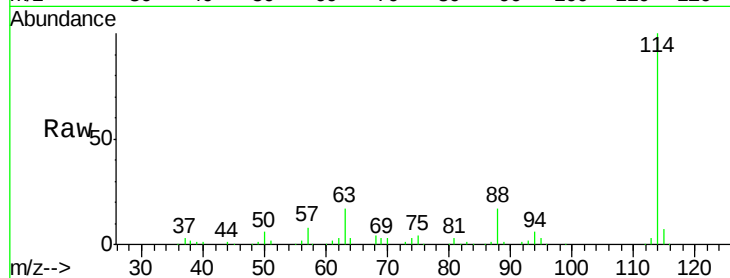
Tot Ion:114 Resp: 322741

Ion Ratio Lower Upper

114 100

63 17.3 0.0 32.4

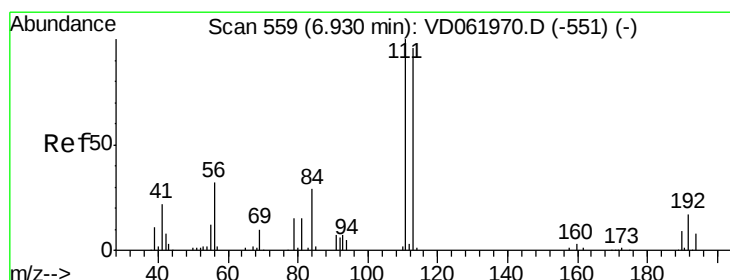
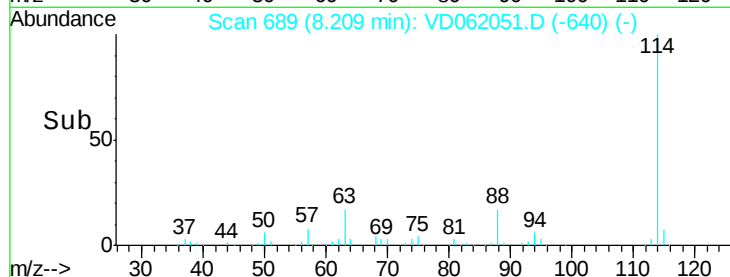
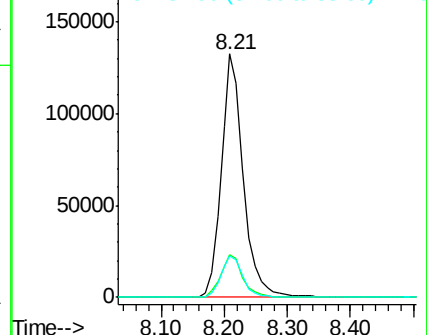
88 17.1 0.0 33.6



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



#35

Dibromofluoromethane

Concen: 71.190 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD062051.D

Acq: 25 Apr 2019 21:20

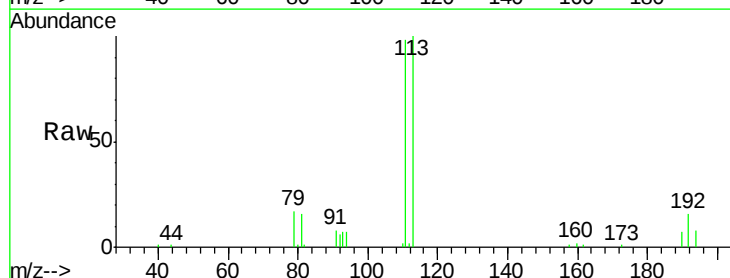
Tgt Ion:113 Resp: 158900

Ion Ratio Lower Upper

113 100

111 98.0 78.5 117.7

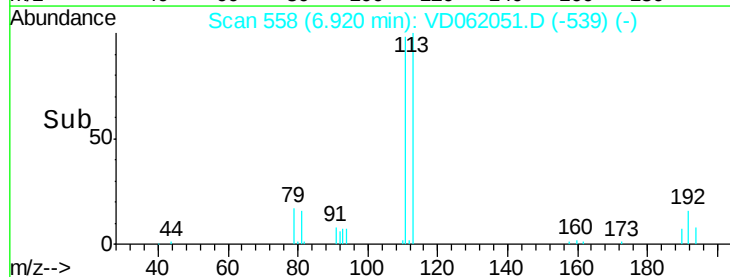
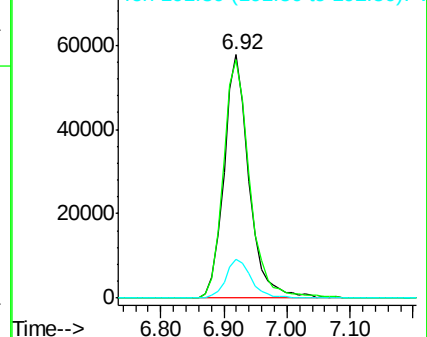
192 16.0 13.0 19.4

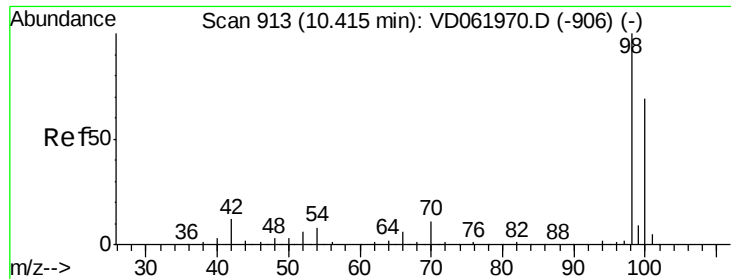


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

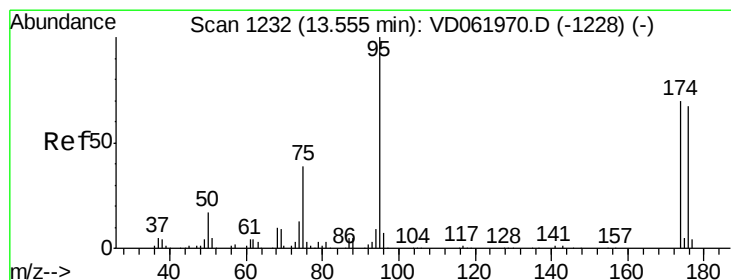
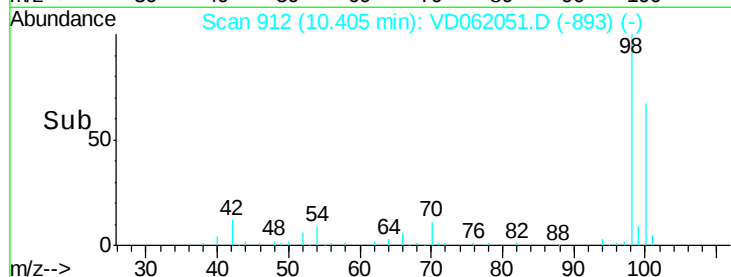
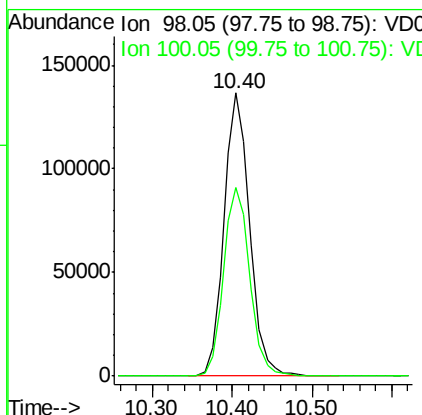
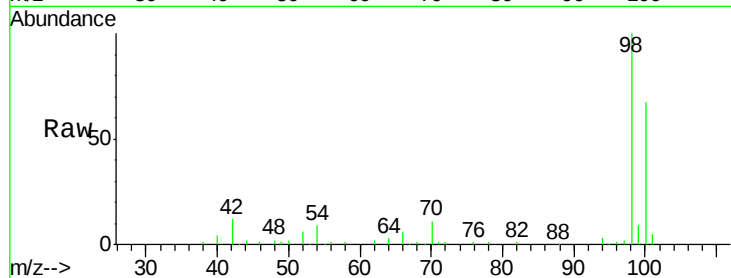




#50
Toluene-d8
Concen: 58.143 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062051.D
Acq: 25 Apr 2019 21:20

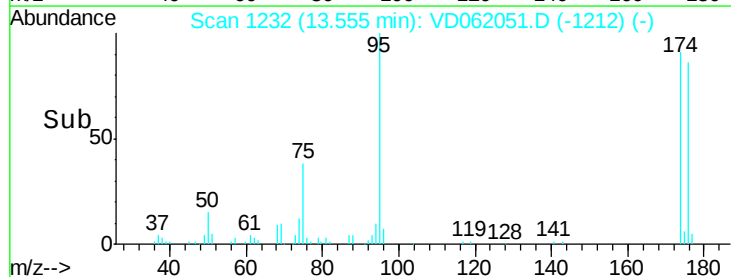
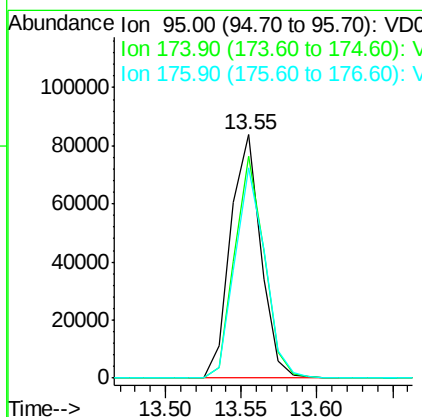
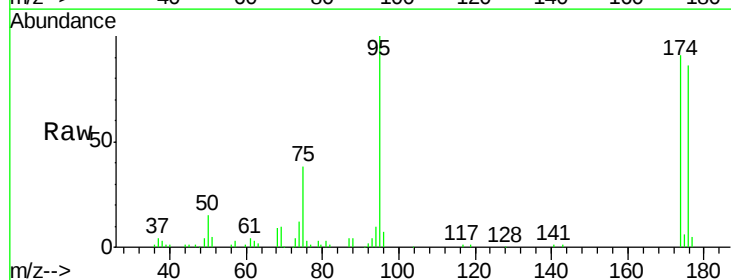
Instrument :
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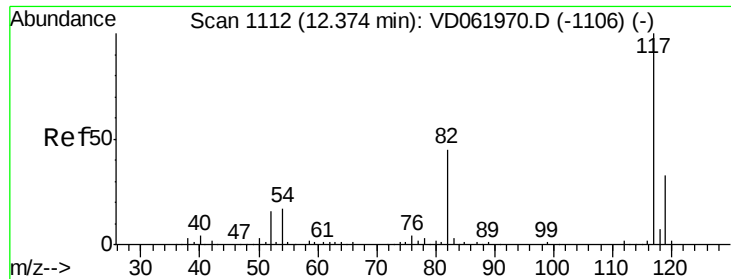
Tot Ion: 98 Resp: 308808
Ion Ratio Lower Upper
98 100
100 66.7 53.8 80.8



#62
4-Bromofluorobenzene
Concen: 54.556 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062051.D
Acq: 25 Apr 2019 21:20

Tgt Ion: 95 Resp: 116220
Ion Ratio Lower Upper
95 100
174 90.9 0.0 181.8
176 86.4 0.0 174.4

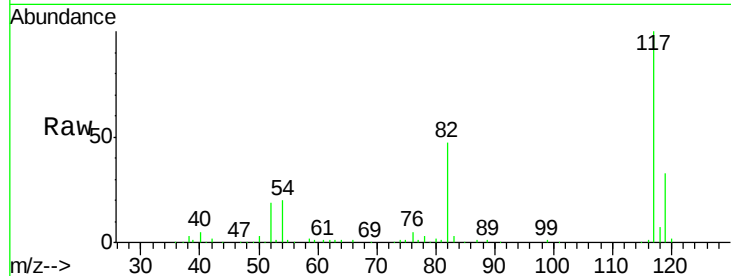




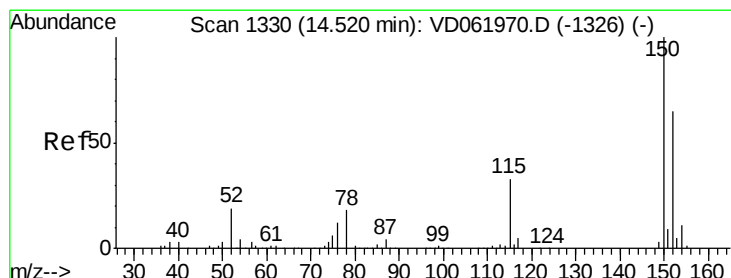
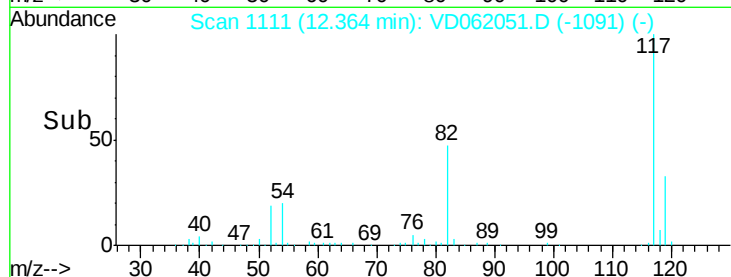
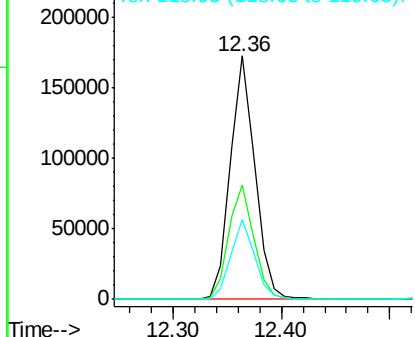
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.00 min
Lab File: VD062051.D
Acq: 25 Apr 2019 21:20

Instrument :
MSVOA_D
ClientSampleId :
144-PENNINGTON

Tot Ion:117 Resp: 274465
Ion Ratio Lower Upper
117 100
82 46.8 36.2 54.2
119 32.6 26.2 39.4

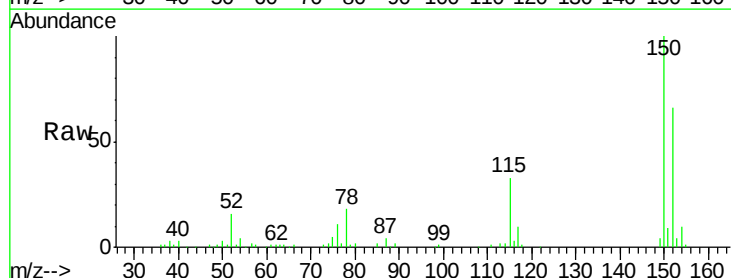


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062051.D
Acq: 25 Apr 2019 21:20

Tgt Ion:152 Resp: 115614
Ion Ratio Lower Upper
152 100
115 50.5 30.9 92.7
150 152.4 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

