

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060419\
 Data File : VD062598.D
 Acq On : 4 Jun 2019 15:04
 Operator : FY/SY
 Sample : VD0604SBL01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0604SBL01

Quant Time: Jun 05 04:07:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D053019S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 31 02:08:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	941073	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1208117	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	997703	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	491909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	522466	47.35	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	94.70%	
35) Dibromofluoromethane	6.93	113	550950	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
50) Toluene-d8	10.40	98	1191036	49.38	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	13.55	95	509466	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	

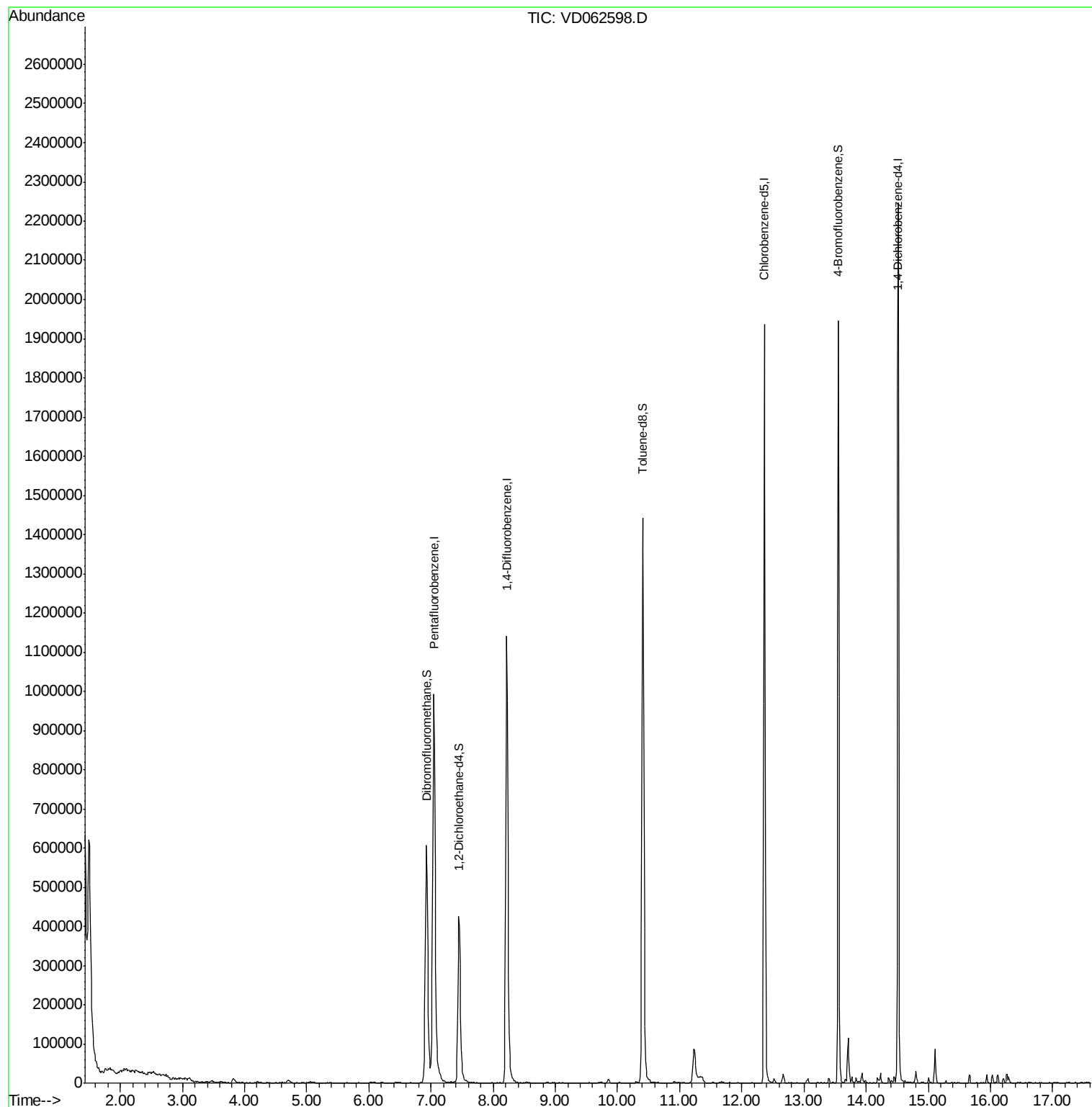
Target Compounds	Qvalue
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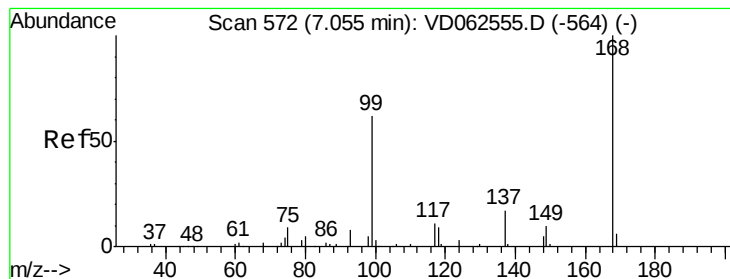
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.01 min

Lab File: VD062598.D

Acq: 4 Jun 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

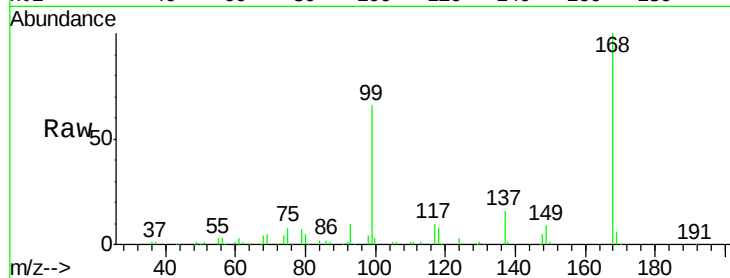
VD0604SBL01

Tot Ion:168 Resp: 941073

Ion Ratio Lower Upper

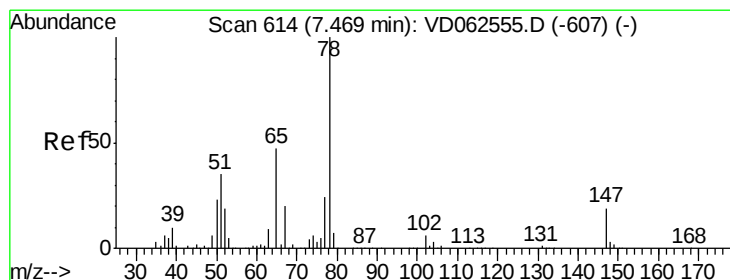
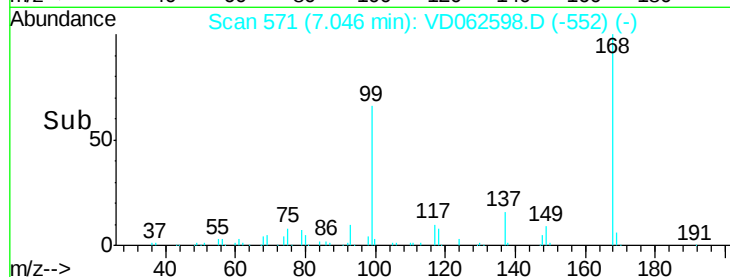
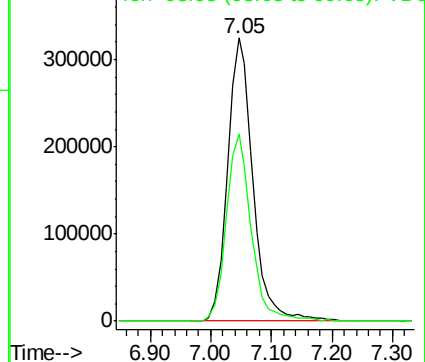
168 100

99 66.1 50.8 76.2



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: 47.349 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.02 min

Lab File: VD062598.D

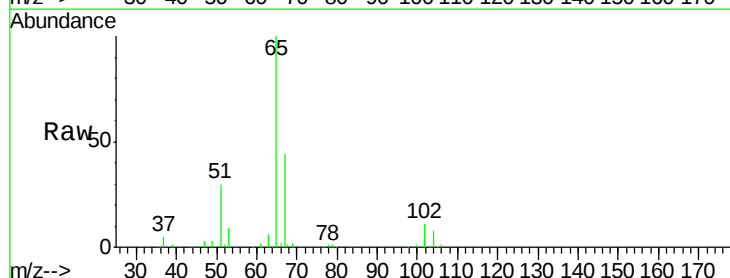
Acq: 4 Jun 2019 15:04

Tgt Ion: 65 Resp: 522466

Ion Ratio Lower Upper

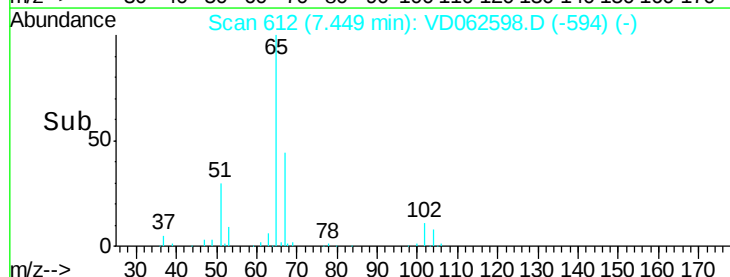
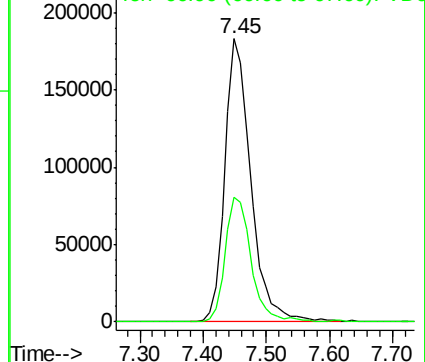
65 100

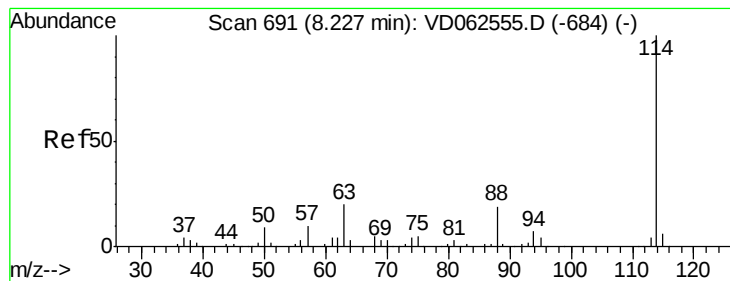
67 44.0 0.0 83.6



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: 8.22 min Scan# 690

Delta R.T. -0.01 min

Lab File: VD062598.D

Acq: 4 Jun 2019 15:04

Instrument :

MSVOA_D

ClientSampleId :

VD0604SBL01

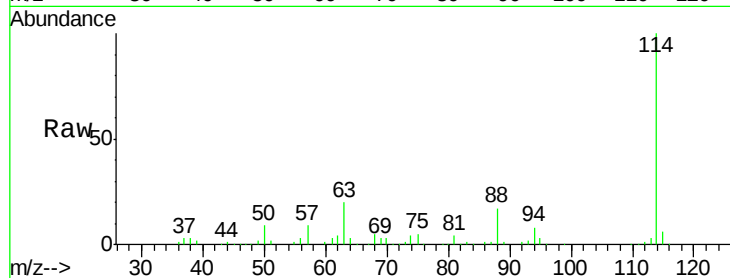
Tot Ion:114 Resp: 1208117

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.6

88 17.0 0.0 37.6



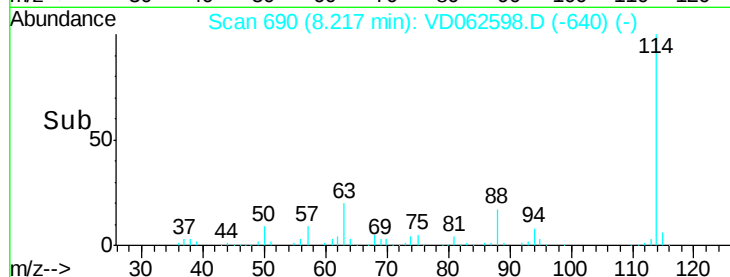
Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

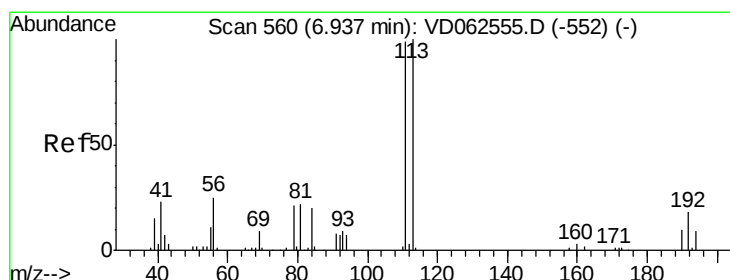
Ion 87.90 (87.60 to 88.60): V

8.22

Time-->



Time-->



#35

Dibromofluoromethane

Concen: 50.045 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.01 min

Lab File: VD062598.D

Acq: 4 Jun 2019 15:04

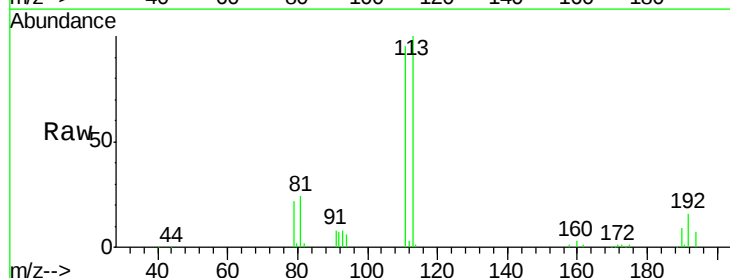
Tgt Ion:113 Resp: 550950

Ion Ratio Lower Upper

113 100

111 95.4 78.8 118.2

192 15.6 14.6 22.0



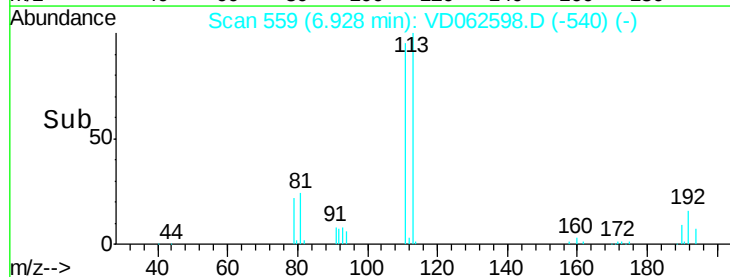
Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

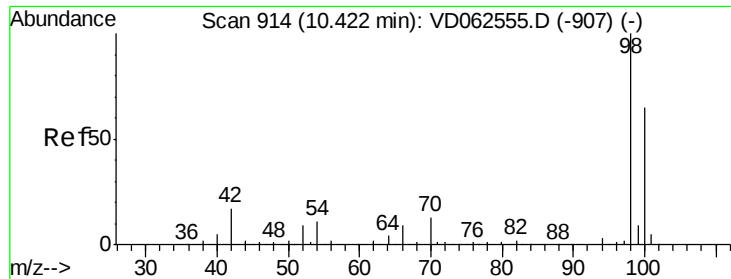
Ion 191.80 (191.50 to 192.50): V

6.93

Time-->



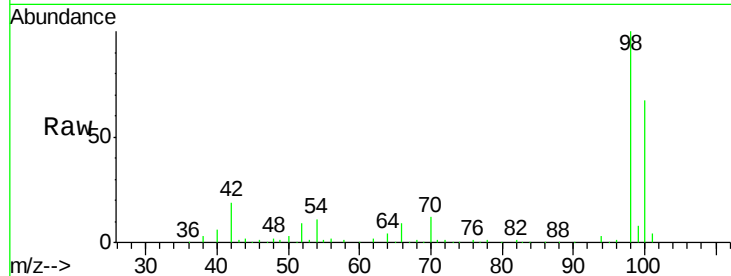
Time-->



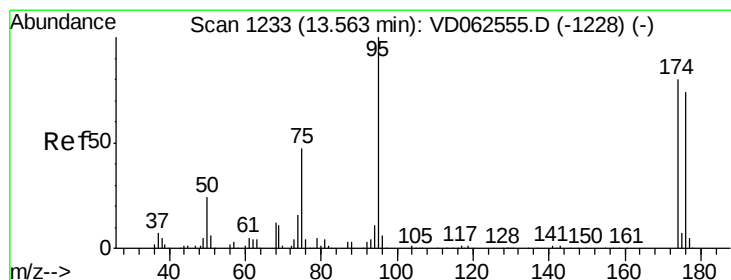
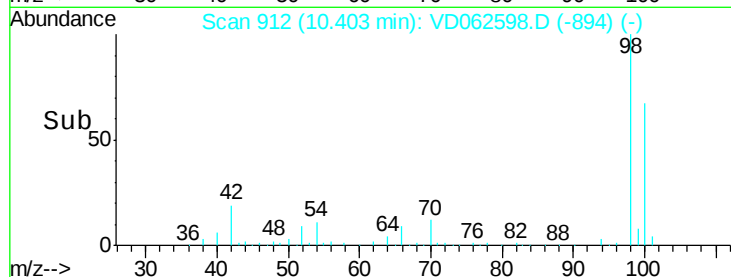
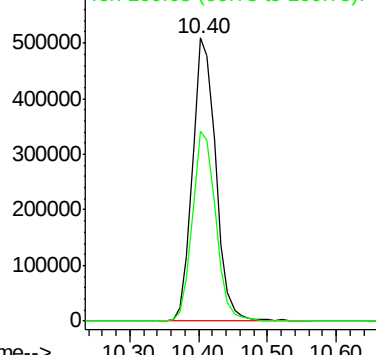
#50
Toluene-d8
Concen: 49.377 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD062598.D
Acq: 4 Jun 2019 15:04

Instrument :
MSVOA_D
ClientSampleId :
VD0604SBL01

Tot Ion: 98 Resp: 1191036
Ion Ratio Lower Upper
98 100
100 67.1 52.3 78.5

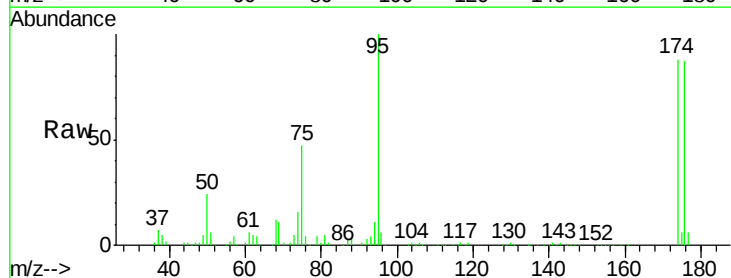


Abundance Ion 98.05 (97.75 to 98.75): VD062555.D (-907) (-)
Ion 100.05 (99.75 to 100.75): VD062555.D (-907) (-)

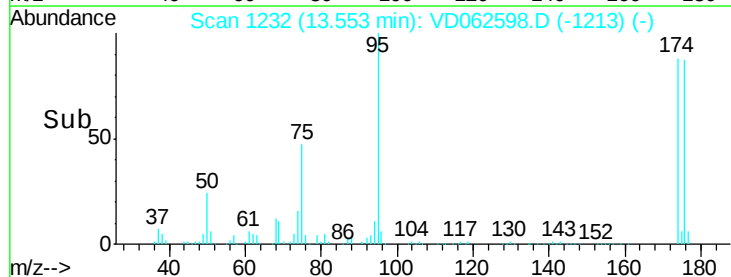
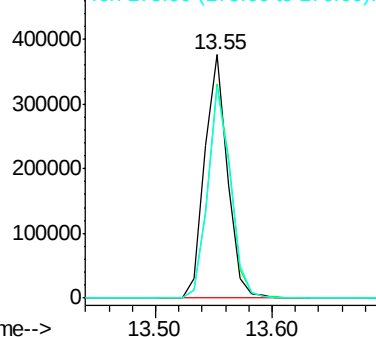


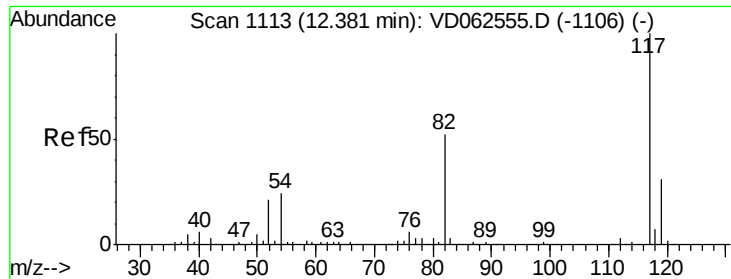
#62
4-Bromofluorobenzene
Concen: 46.834 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD062598.D
Acq: 4 Jun 2019 15:04

Tgt Ion: 95 Resp: 509466
Ion Ratio Lower Upper
95 100
174 87.9 0.0 160.2
176 86.9 0.0 148.0



Abundance Ion 95.00 (94.70 to 95.70): VD062555.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062555.D (-1228) (-)
Ion 175.90 (175.60 to 176.60): VD062555.D (-1228) (-)

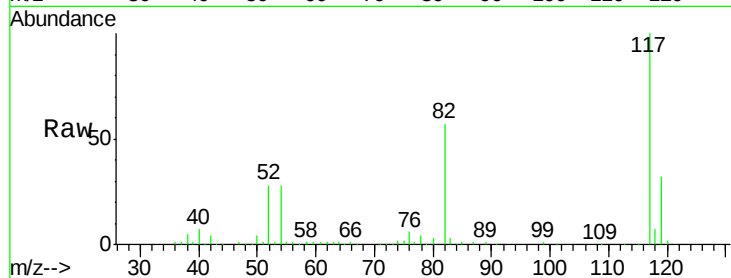




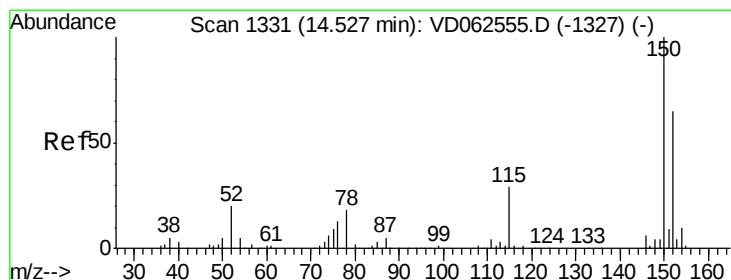
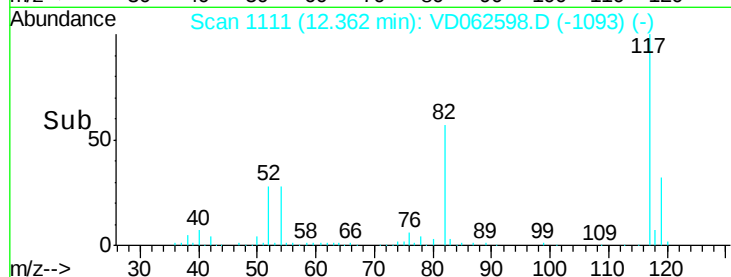
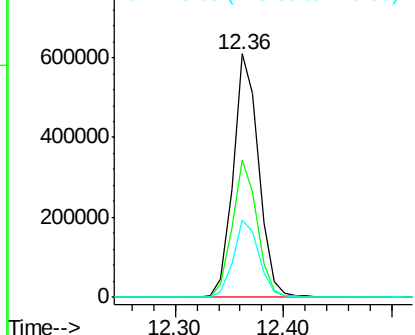
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD062598.D
Acq: 4 Jun 2019 15:04

Instrument :
MSVOA_D
ClientSampleId :
VD0604SBL01

Tot Ion:117 Resp: 997703
Ion Ratio Lower Upper
117 100
82 56.6 41.4 62.2
119 31.9 24.9 37.3

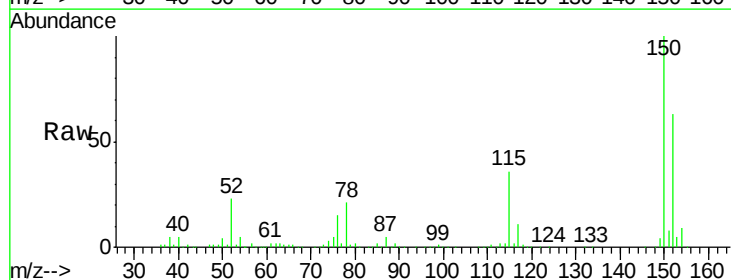


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.01 min
Lab File: VD062598.D
Acq: 4 Jun 2019 15:04

Tgt Ion:152 Resp: 491909
Ion Ratio Lower Upper
152 100
115 56.5 28.4 85.3
150 159.2 0.0 310.4



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

