

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062418\
 Data File : VD058364.D
 Acq On : 24 Jun 2018 11:31
 Operator : VA/AP
 Sample : VD0624SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0624SBL01

Quant Time: Jun 25 04:12:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061918S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 20 05:52:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	1029618	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	6.72	114	1283637	50.00	ug/l	0.03
63) Chlorobenzene-d5	10.72	117	1073430	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	12.93	152	551110	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	541593	52.08	ug/l	0.03
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	5.57	113	579895	55.51	ug/l	0.02
Spiked Amount	50.000		Recovery	=	111.02%	
50) Toluene-d8	8.74	98	1378568	54.54	ug/l	0.03
Spiked Amount	50.000		Recovery	=	109.08%	
62) 4-Bromofluorobenzene	11.96	95	576412	55.83	ug/l	0.03
Spiked Amount	50.000		Recovery	=	111.66%	

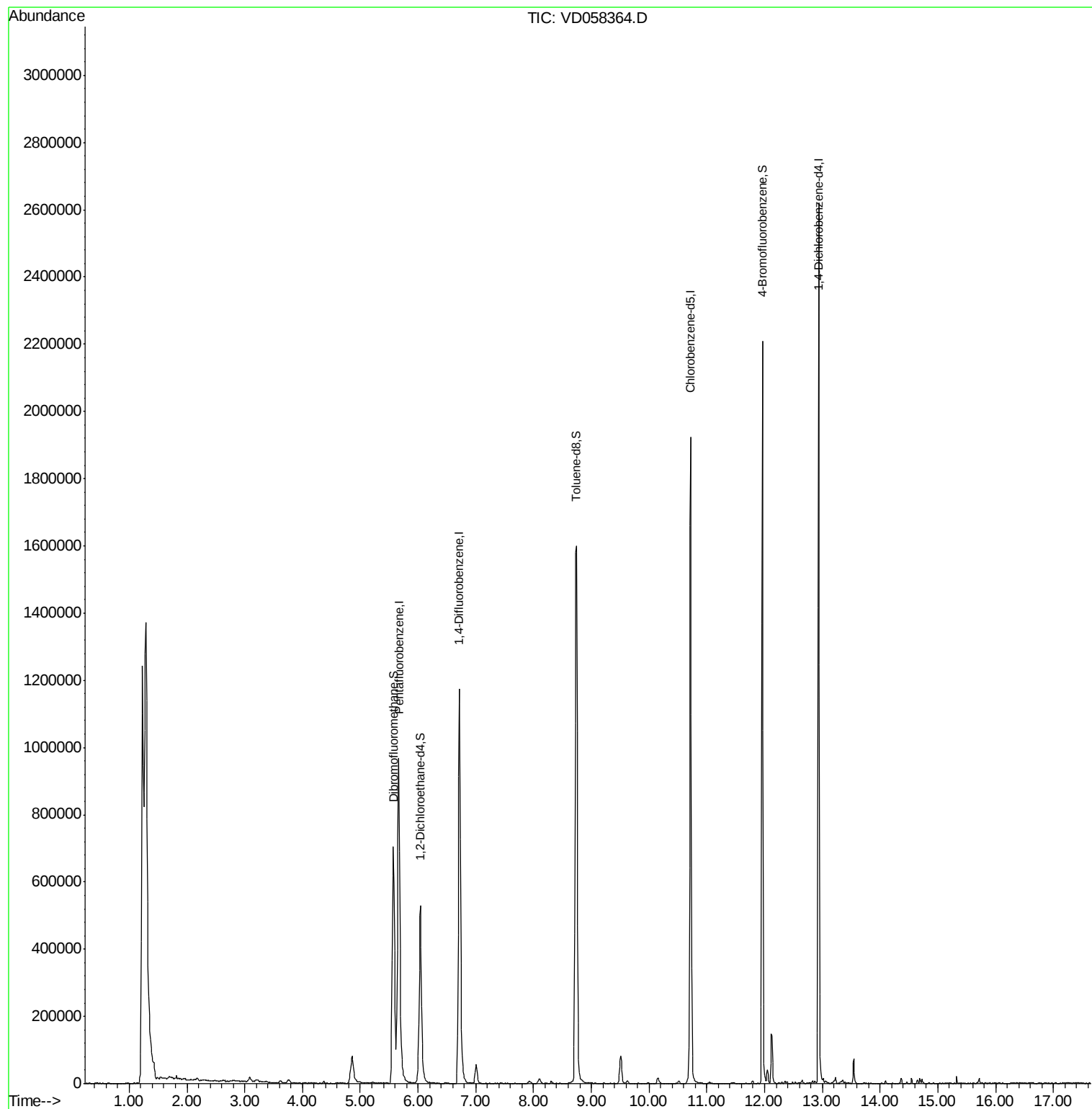
Target Compounds	Qvalue
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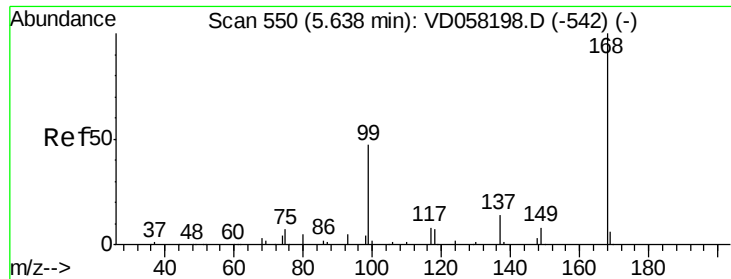
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jun 20 05:52:56 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 553

Delta R.T. 0.03 min

Lab File: VD058364.D

Acq: 24 Jun 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

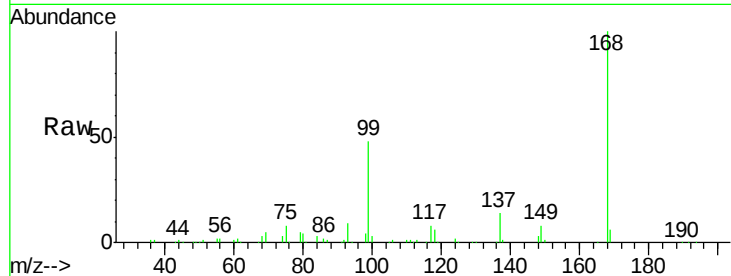
VD0624SBL01

Tot Ion:168 Resp: 1029618

Ion Ratio Lower Upper

168 100

99 48.2 41.1 61.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

5.67

400000

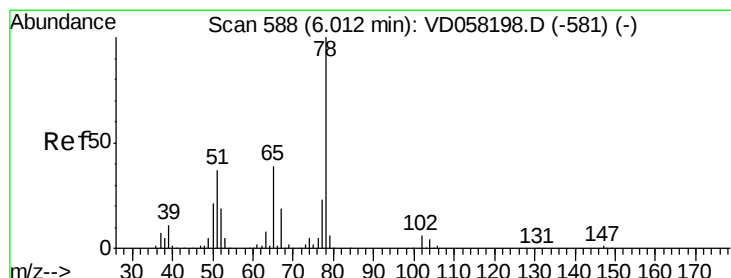
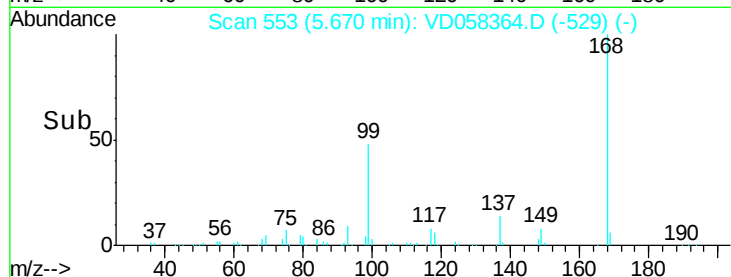
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 6.04 min Scan# 591

Delta R.T. 0.03 min

Lab File: VD058364.D

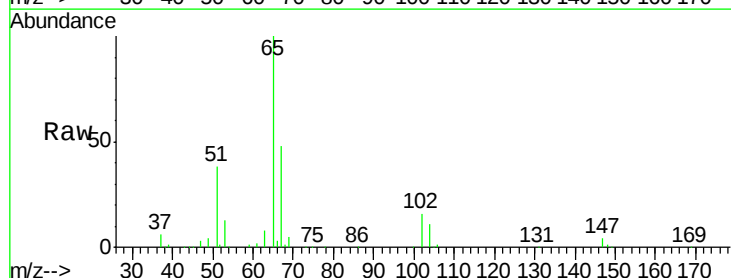
Acq: 24 Jun 2018 11:31

Tgt Ion: 65 Resp: 541593

Ion Ratio Lower Upper

65 100

67 47.9 0.0 97.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

6.04

200000

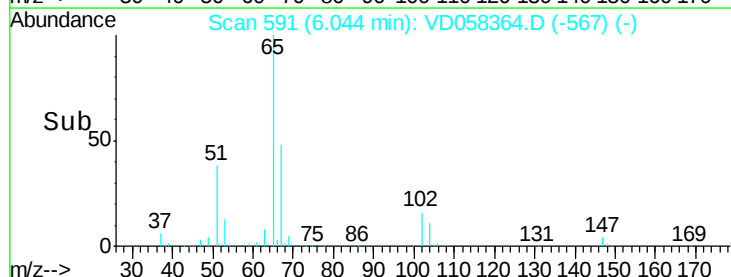
150000

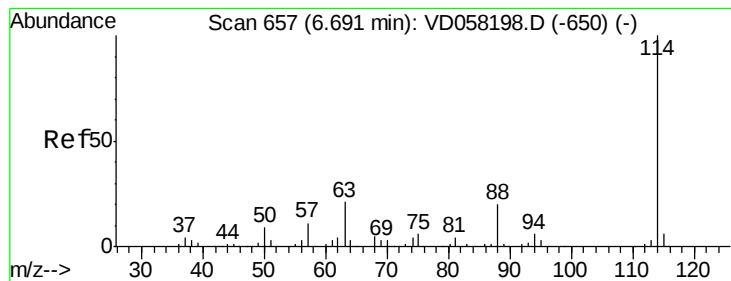
100000

50000

0

Time--> 5.90 6.00 6.10 6.20





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.72 min Scan# 660

Delta R.T. 0.03 min

Lab File: VD058364.D

Acq: 24 Jun 2018 11:31

Instrument :

MSVOA_D

ClientSampleId :

VD0624SBL01

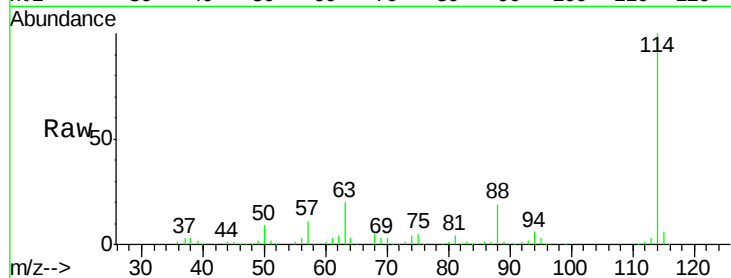
Tot Ion:114 Resp: 1283637

Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

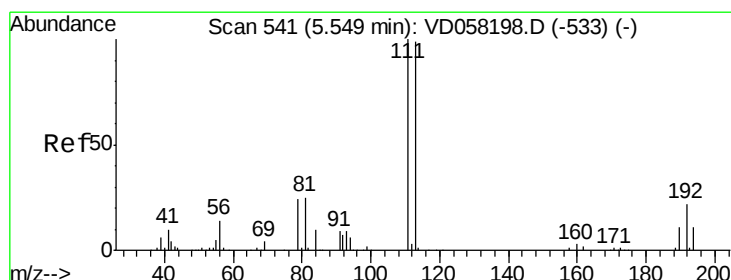
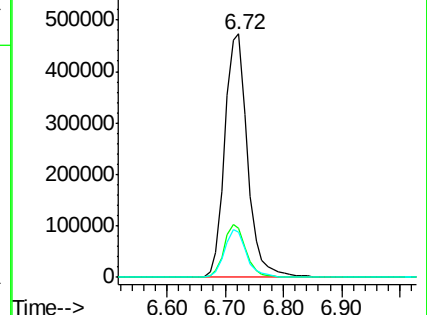
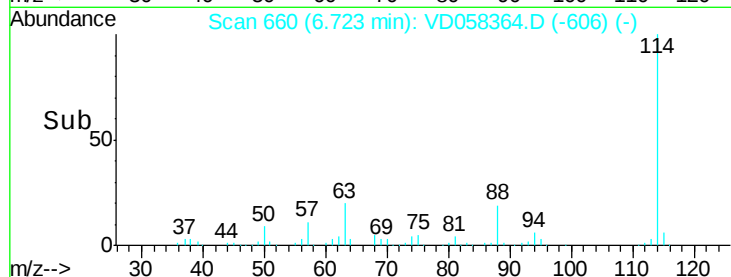
88 18.7 0.0 40.6



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: 50.00 ug/l

RT: 5.57 min Scan# 543

Delta R.T. 0.02 min

Lab File: VD058364.D

Acq: 24 Jun 2018 11:31

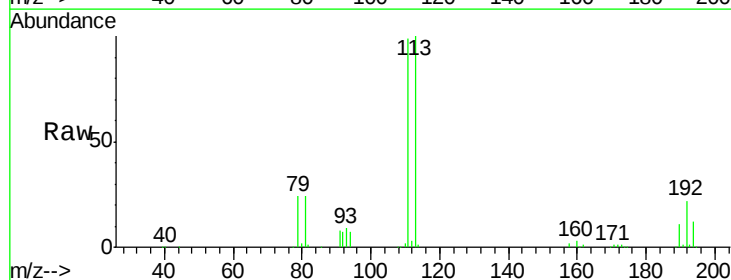
Tgt Ion:113 Resp: 579895

Ion Ratio Lower Upper

113 100

111 98.7 80.6 121.0

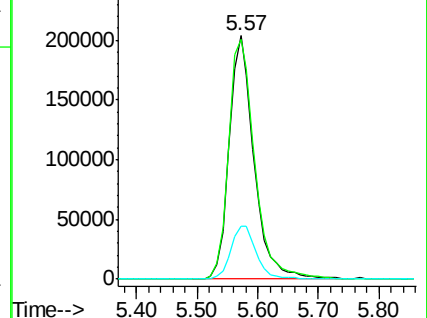
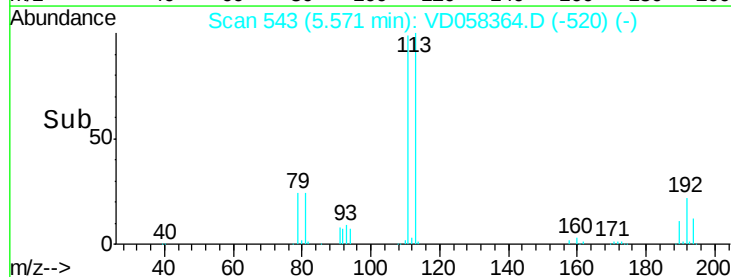
192 21.8 17.8 26.6

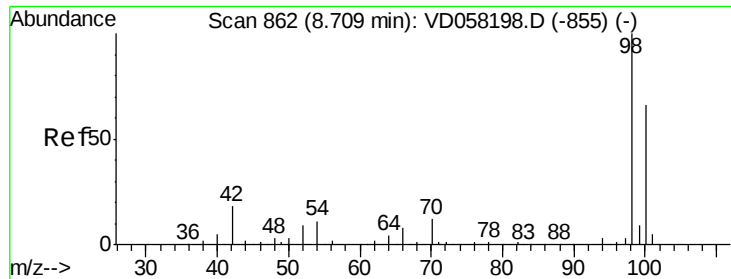


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

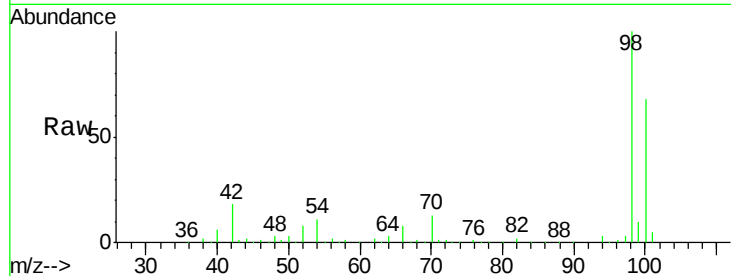




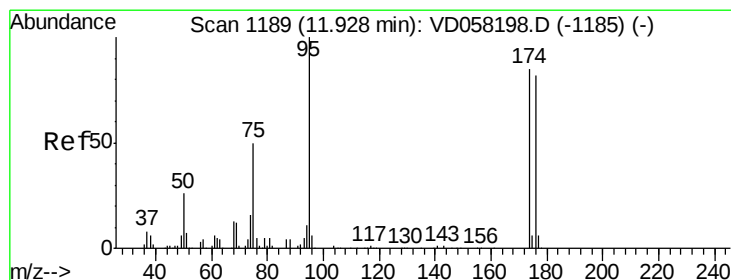
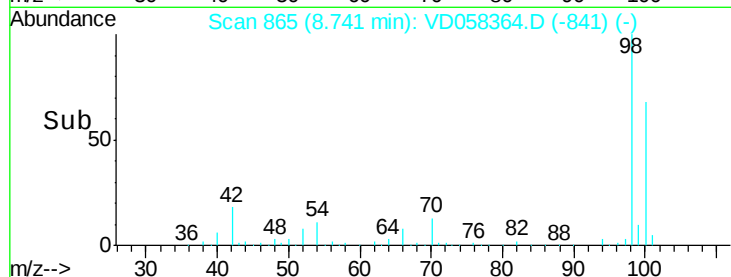
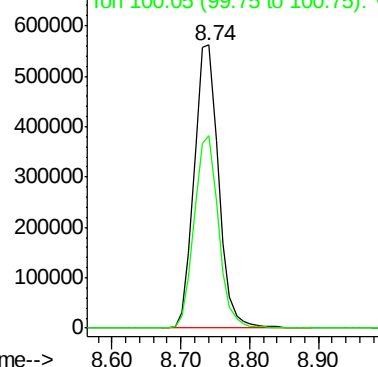
#50
Toluene-d8
Concen: N.D. ug/l
RT: 8.74 min Scan# 865
Delta R.T. 0.03 min
Lab File: VD058364.D
Acq: 24 Jun 2018 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tot Ion: 98 Resp: 1378568
Ion Ratio Lower Upper
98 100
100 67.8 53.6 80.4

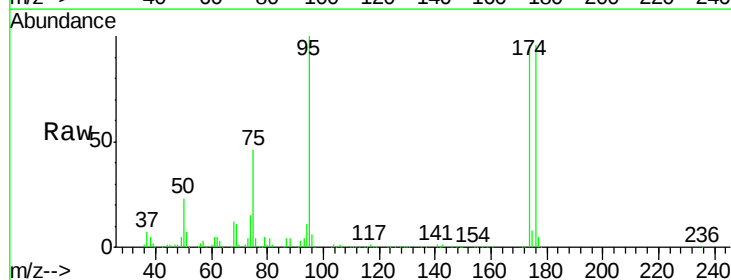


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

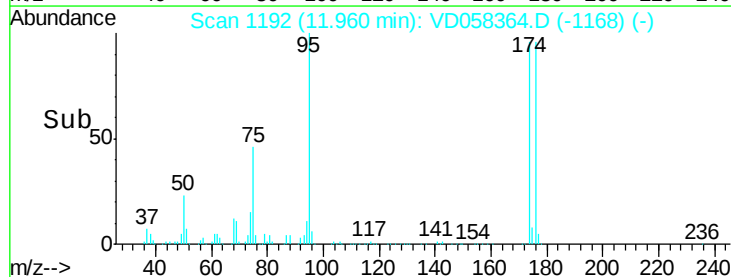
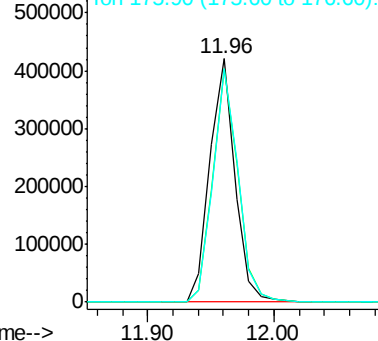


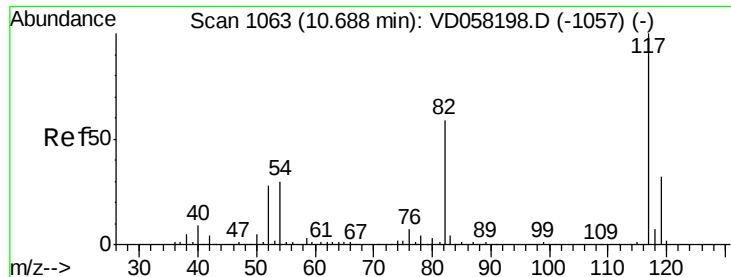
#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 11.96 min Scan# 1192
Delta R.T. 0.03 min
Lab File: VD058364.D
Acq: 24 Jun 2018 11:31

Tgt Ion: 95 Resp: 576412
Ion Ratio Lower Upper
95 100
174 95.7 0.0 170.2
176 95.7 0.0 164.6



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

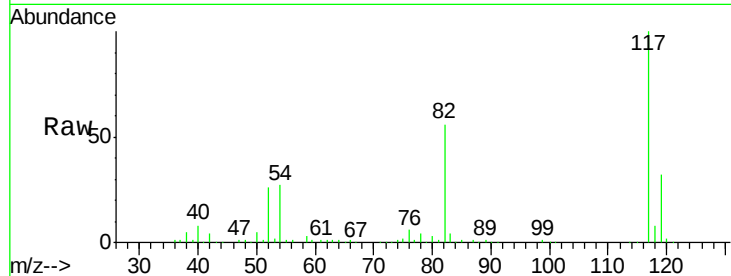




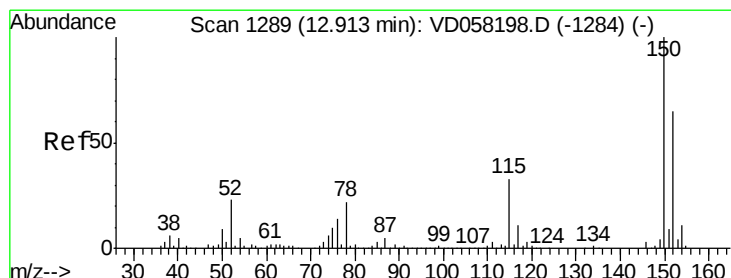
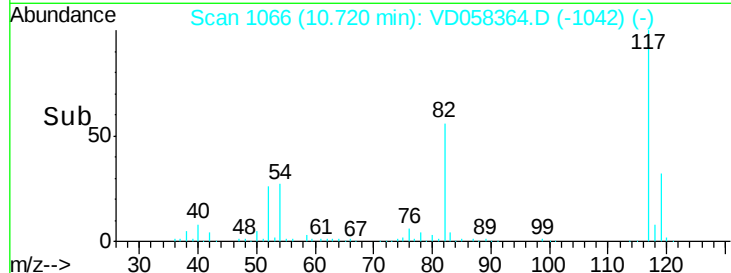
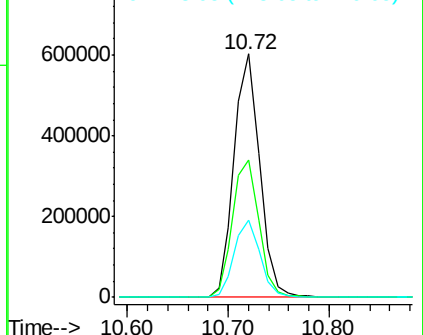
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.72 min Scan# 1066
Delta R.T. 0.03 min
Lab File: VD058364.D
Acq: 24 Jun 2018 11:31

Instrument :
MSVOA_D
ClientSampleId :
VD0624SBL01

Tot Ion:117 Resp: 1073430
Ion Ratio Lower Upper
117 100
82 56.3 47.0 70.6
119 31.8 25.3 37.9

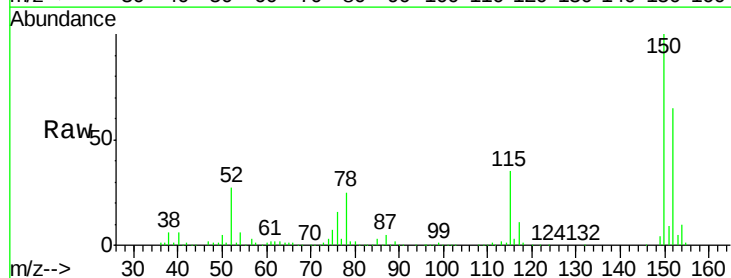


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.93 min Scan# 1291
Delta R.T. 0.02 min
Lab File: VD058364.D
Acq: 24 Jun 2018 11:31

Tgt Ion:152 Resp: 551110
Ion Ratio Lower Upper
152 100
115 53.5 25.1 75.3
150 154.2 0.0 308.8



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

