

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060807.D
 Acq On : 30 Jan 2019 15:57
 Operator : VA/AP
 Sample : K1282-17RE
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Quant Time: Jan 31 06:58:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 29 13:53:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	6.82	168	9358	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	7.99	114	13517	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.16	117	11156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.33	152	3781	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	7969	55.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.10%	
35) Dibromofluoromethane	6.70	113	5209	40.18	ug/l	0.03
Spiked Amount	50.000		Recovery	=	80.36%	
50) Toluene-d8	10.19	98	10940	36.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	72.28%	
62) 4-Bromofluorobenzene	13.35	95	3993	26.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.48%	

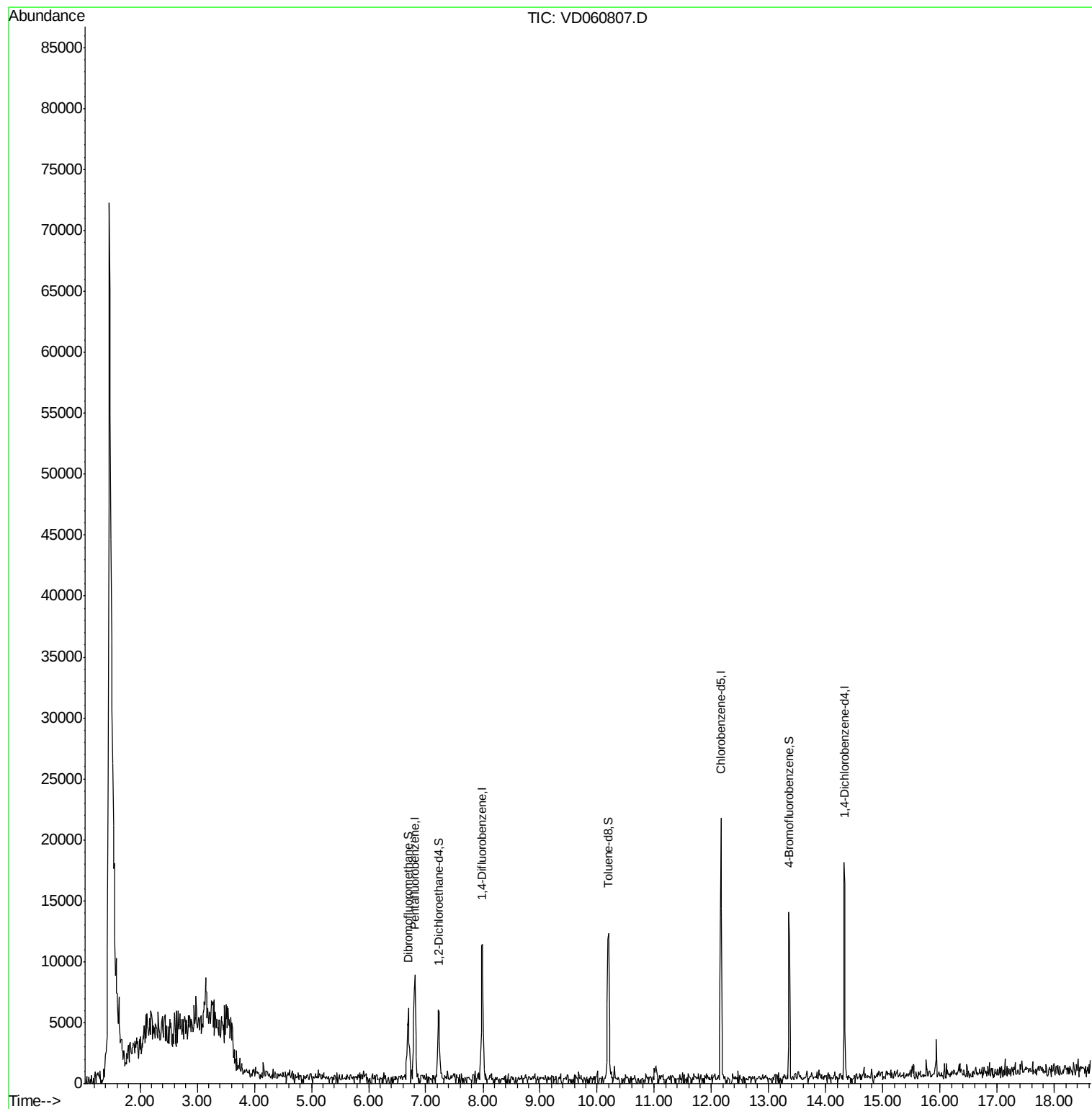
Target Compounds	Qvalue

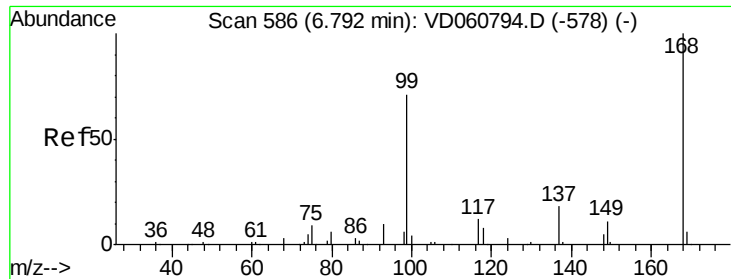
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013019\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.82 min Scan# 588

Delta R.T. 0.03 min

Lab File: VD060807.D

Acq: 30 Jan 2019 15:57

Instrument :

MSVOA_D

ClientSampleId :

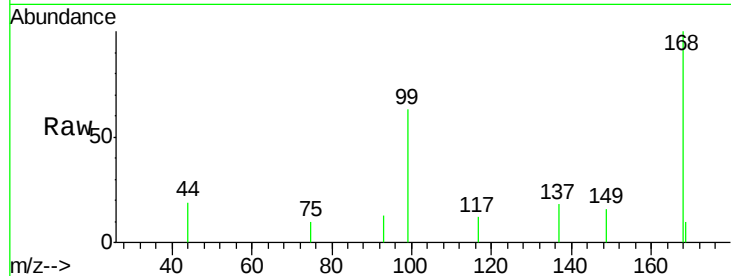
TP-5RE

Tot Ion:168 Resp: 9358

Ion Ratio Lower Upper

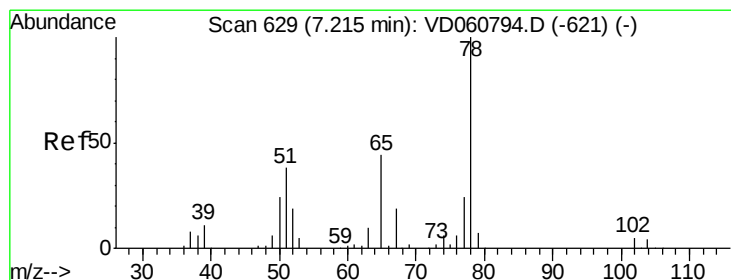
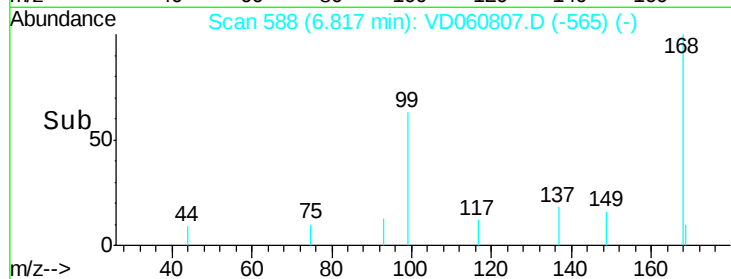
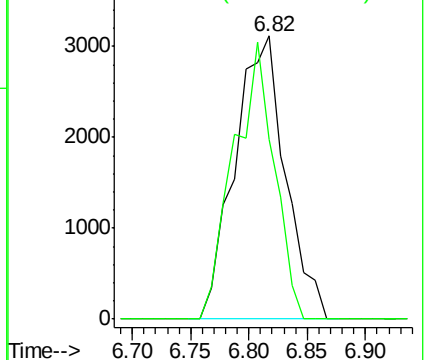
168 100

99 63.4 59.2 88.8



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: N.D. ug/l

RT: 7.22 min Scan# 629

Delta R.T. 0.01 min

Lab File: VD060807.D

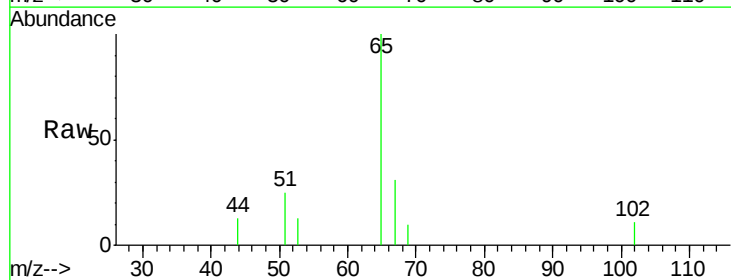
Acq: 30 Jan 2019 15:57

Tgt Ion: 65 Resp: 7969

Ion Ratio Lower Upper

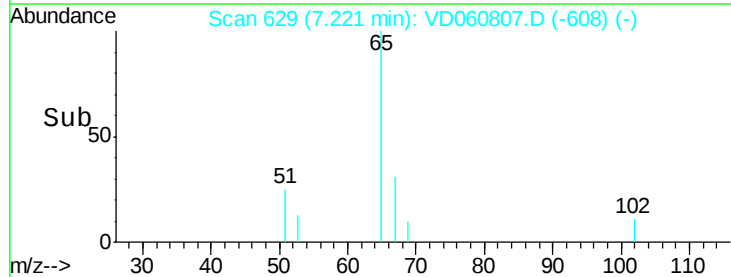
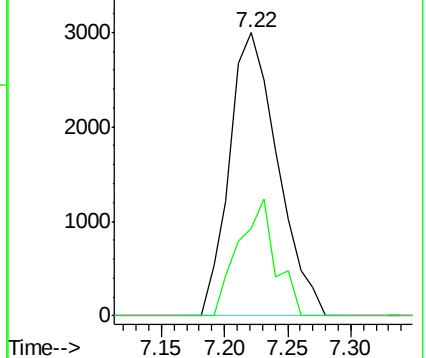
65 100

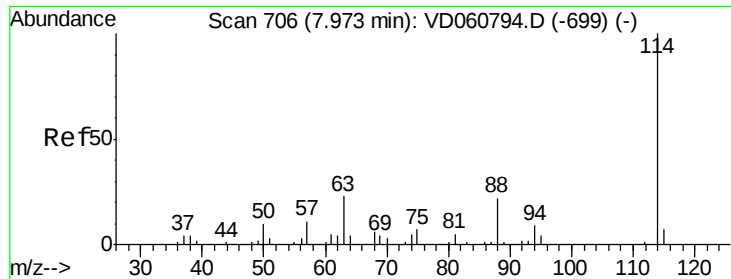
67 30.8 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

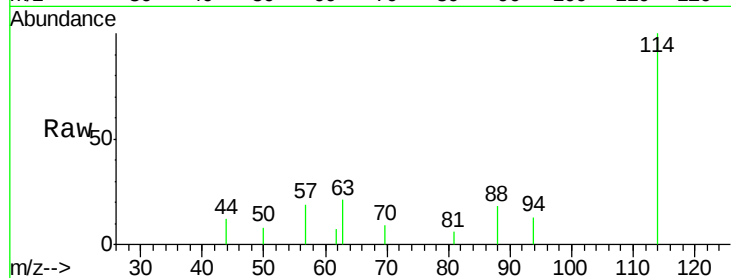




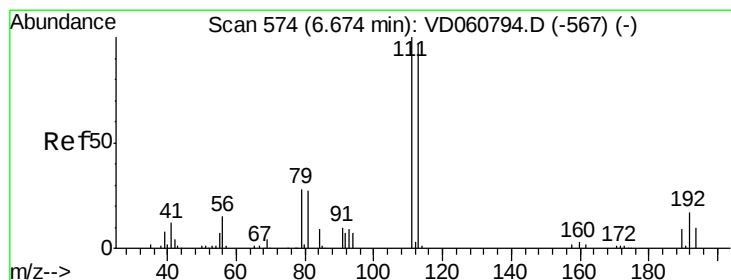
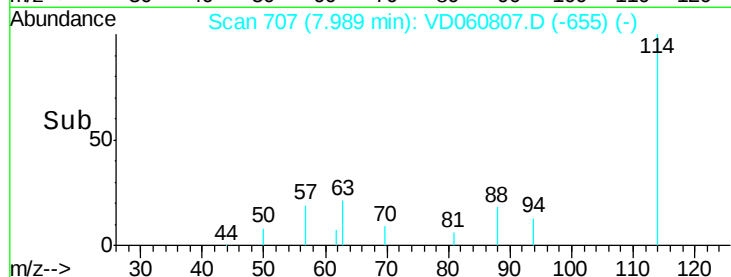
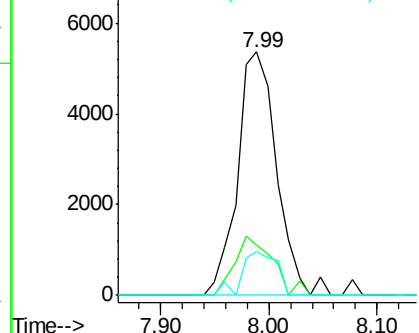
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.99 min Scan# 707
 Delta R.T. 0.02 min
 Lab File: VD060807.D
 Acq: 30 Jan 2019 15:57

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-5RE

Tot Ion:114 Resp: 13517
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 46.6
 88 18.2 0.0 44.0

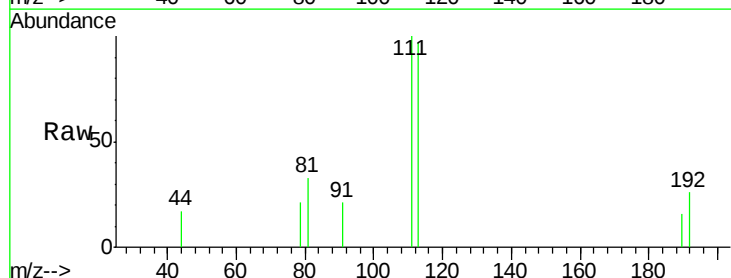


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

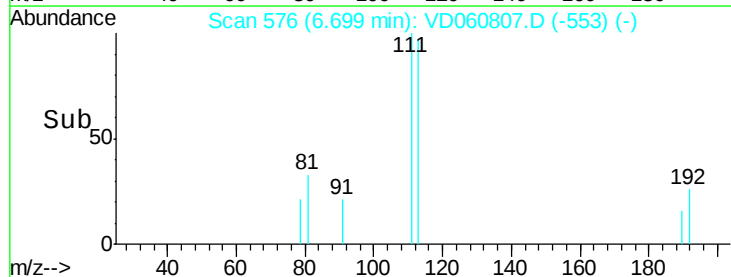
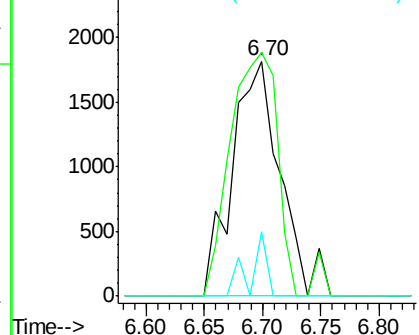


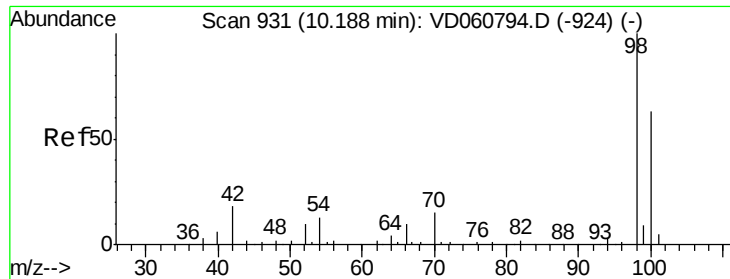
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.70 min Scan# 576
 Delta R.T. 0.03 min
 Lab File: VD060807.D
 Acq: 30 Jan 2019 15:57

Tgt Ion:113 Resp: 5209
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.3 123.5
 192 27.3 14.4 21.6#



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: 10.19 min Scan# 931

Delta R.T. 0.01 min

Lab File: VD060807.D

Acq: 30 Jan 2019 15:57

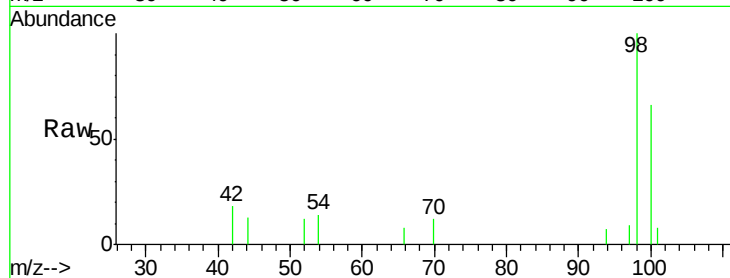
Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tot Ion: 98 Resp: 10940

Ion Ratio Lower Upper

98 100

100 65.7 51.0 76.6



Abundance Ion 98.05 (97.75 to 98.75): VD060794.D (-924) (-)

Ion 100.05 (99.75 to 100.75): VD060794.D (-924) (-)

10.19

4000

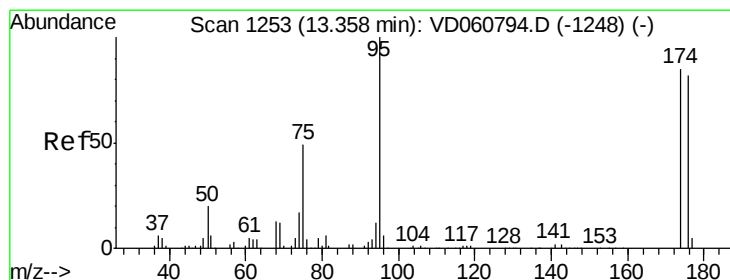
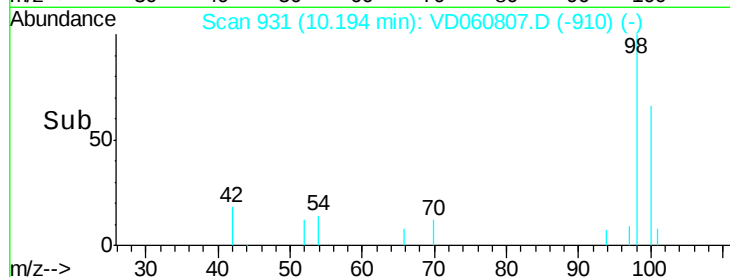
3000

2000

1000

0

Time--> 10.10 10.20 10.30



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.35 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VD060807.D

Acq: 30 Jan 2019 15:57

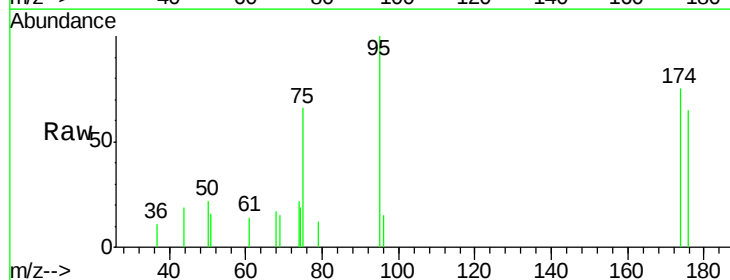
Tgt Ion: 95 Resp: 3993

Ion Ratio Lower Upper

95 100

174 75.4 0.0 169.6

176 64.7 0.0 163.8



Abundance Ion 95.00 (94.70 to 95.70): VD060794.D (-1248) (-)

Ion 173.90 (173.60 to 174.60): VD060794.D (-1248) (-)

Ion 175.90 (175.60 to 176.60): VD060794.D (-1248) (-)

13.35

4000

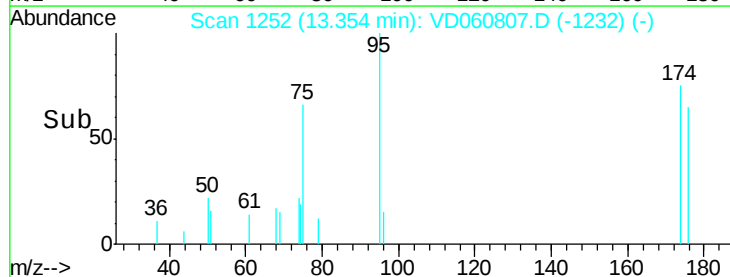
3000

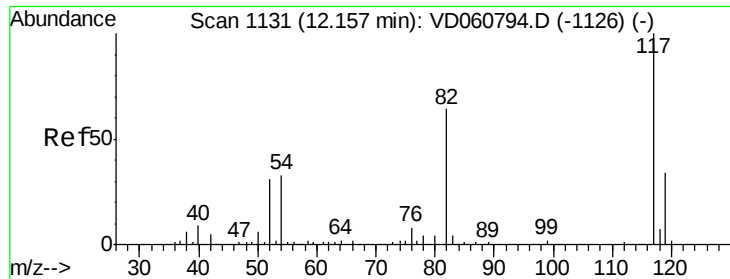
2000

1000

0

Time--> 13.30 13.35 13.40

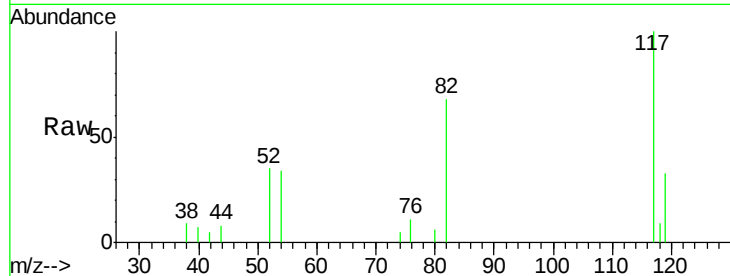




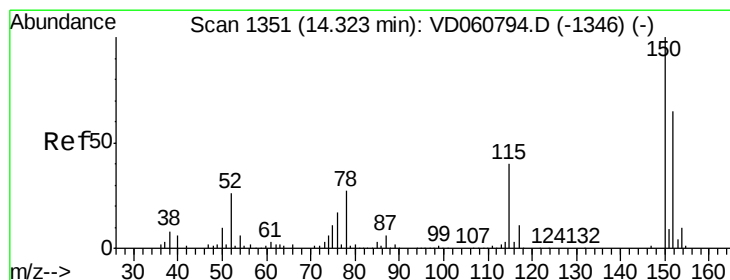
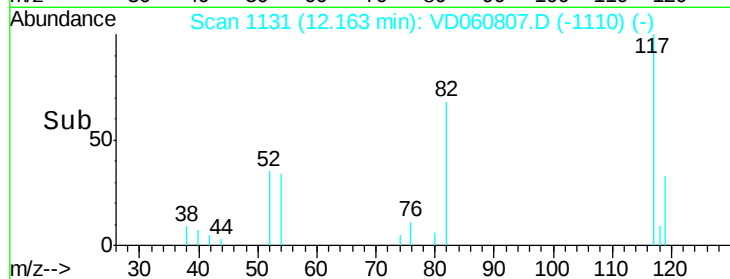
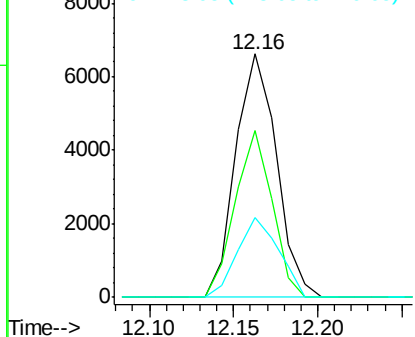
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060807.D
Acq: 30 Jan 2019 15:57

Instrument :
MSVOA_D
ClientSampleId :
TP-5RE

Tot Ion:117 Resp: 11156
Ion Ratio Lower Upper
117 100
82 68.3 51.5 77.3
119 33.0 27.1 40.7

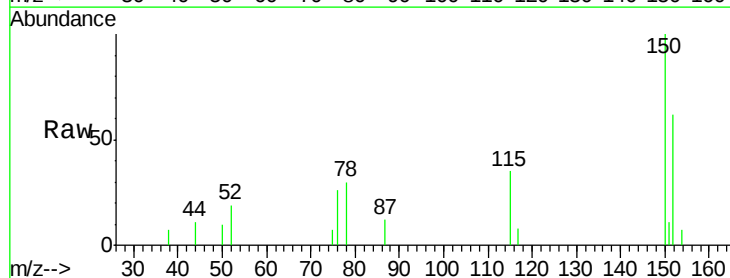


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.33 min Scan# 1351
Delta R.T. 0.01 min
Lab File: VD060807.D
Acq: 30 Jan 2019 15:57

Tgt Ion:152 Resp: 3781
Ion Ratio Lower Upper
152 100
115 56.9 31.6 95.0
150 160.7 0.0 317.6



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

