

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD013019\
 Data File : VD060810.D
 Acq On : 30 Jan 2019 17:22
 Operator : VA/AP
 Sample : K1282-29
 Misc : 4.76g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-AB

Quant Time: Jan 31 06:56:50 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	6.81	168	516159	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	7.98	114	703331	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.16	117	581084	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.32	152	277808	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.22	65	351351	44.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.80%	
35) Dibromofluoromethane	6.69	113	270175	40.05	ug/l	0.02
Spiked Amount	50.000		Recovery	=	80.10%	
50) Toluene-d8	10.18	98	566536	35.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.94%	
62) 4-Bromofluorobenzene	13.35	95	271351	34.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	68.54%	

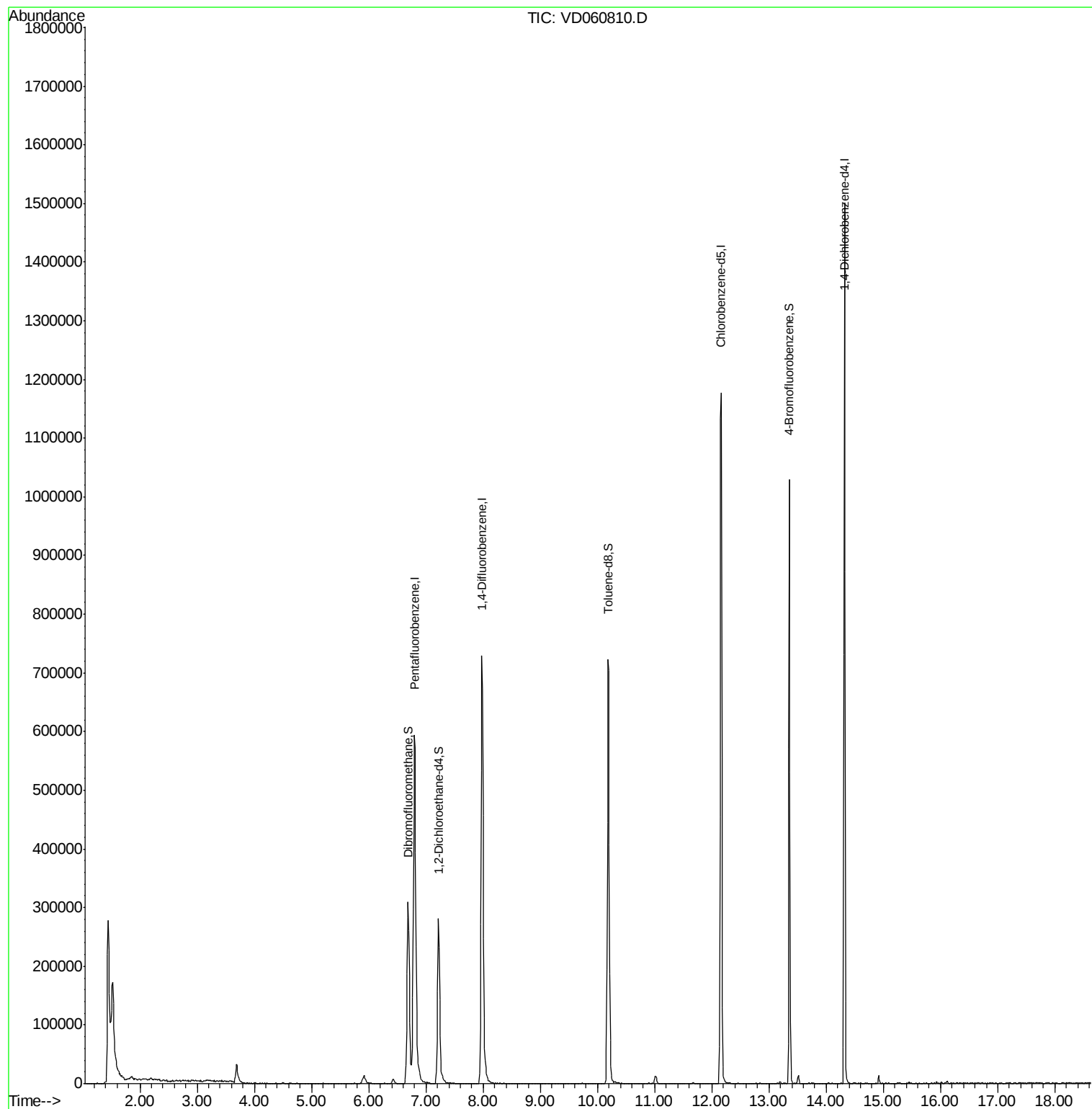
Target Compounds	Qvalue
------------------	--------

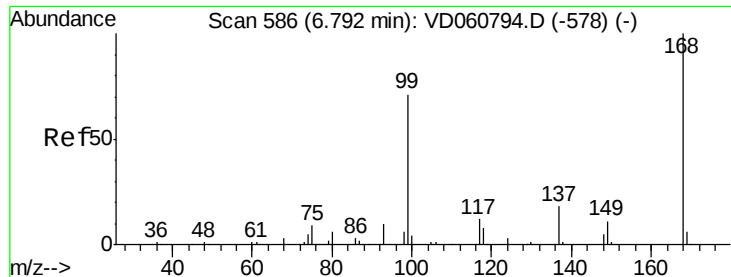
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD013019\
Data File : VD060810.D
Acq On : 30 Jan 2019 17:22
Operator : VA/AP
Sample : K1282-29
Misc : 4.76g/5ml/MSVOA D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-8-AB

Quant Time: Jan 31 06:56:50 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D012819S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 29 13:53:55 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 6.81 min Scan# 587

Delta R.T. 0.02 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

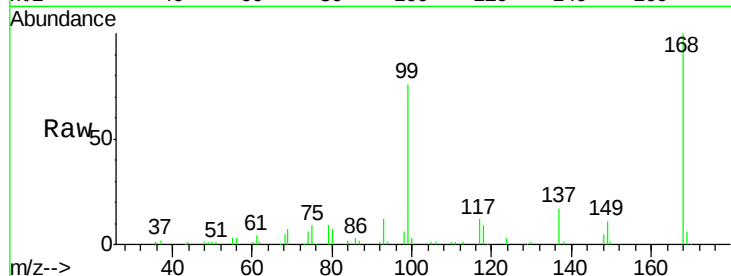
TP-8-AB

Tot Ion:168 Resp: 516159

Ion Ratio Lower Upper

168 100

99 76.2 59.2 88.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

6.81

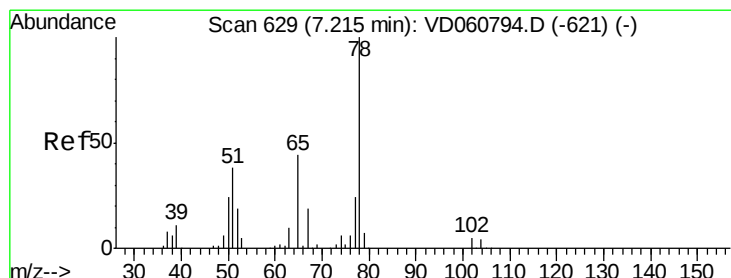
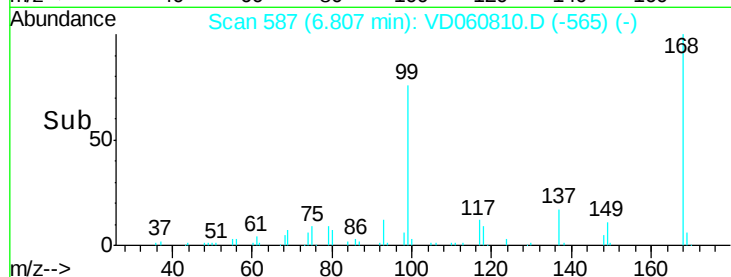
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.22 min Scan# 629

Delta R.T. 0.01 min

Lab File: VD060810.D

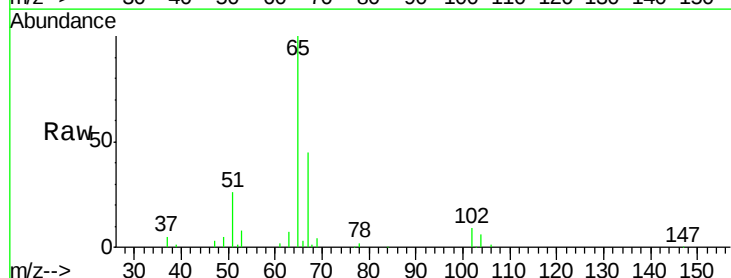
Acq: 30 Jan 2019 17:22

Tgt Ion: 65 Resp: 351351

Ion Ratio Lower Upper

65 100

67 44.9 0.0 85.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

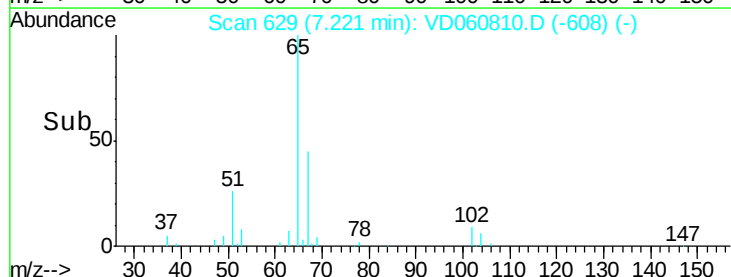
7.22

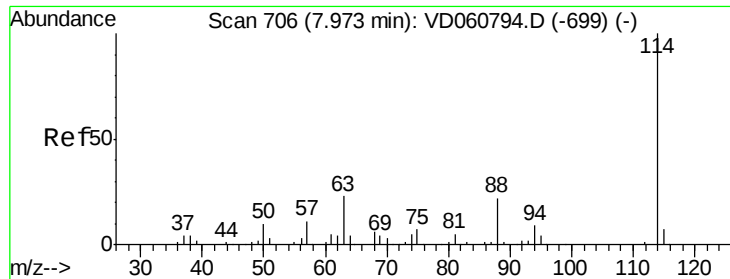
100000

50000

0

Time-->

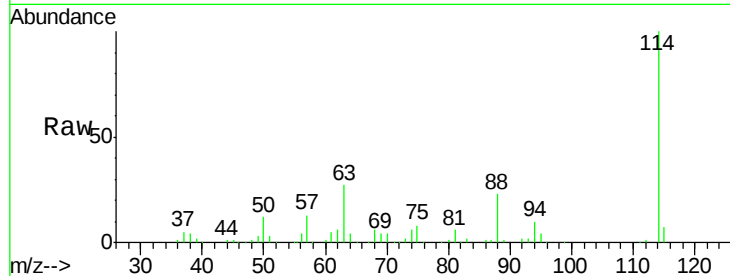




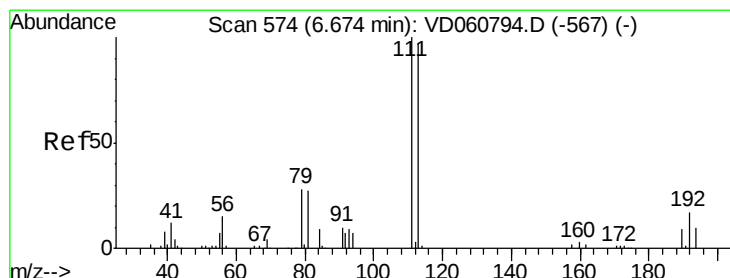
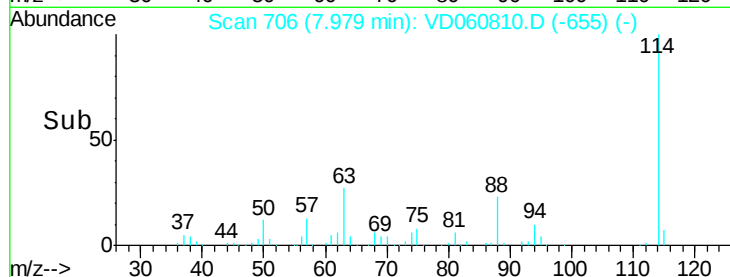
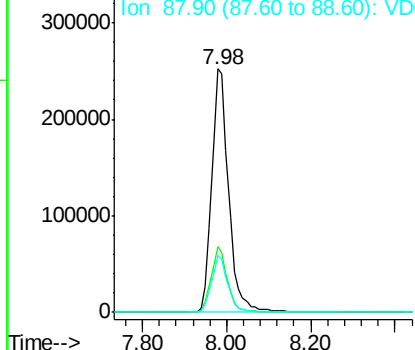
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 7.98 min Scan# 706
 Delta R.T. 0.01 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-8-AB

Tot Ion:114 Resp: 703331
 Ion Ratio Lower Upper
 114 100
 63 26.9 0.0 46.6
 88 23.5 0.0 44.0

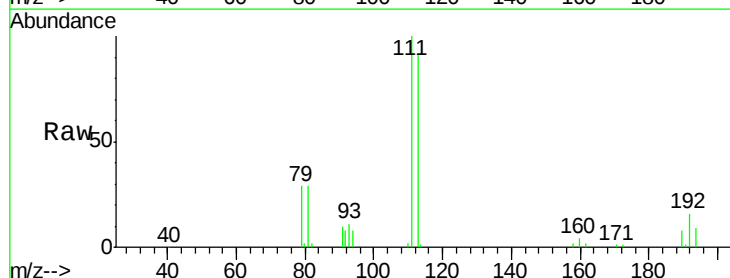


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

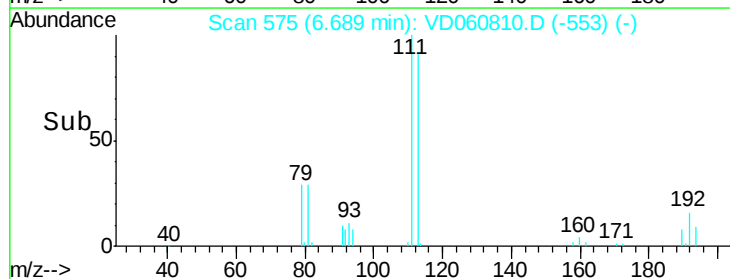
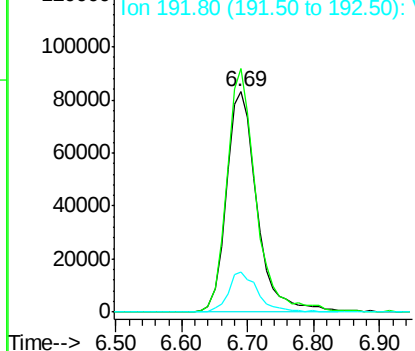


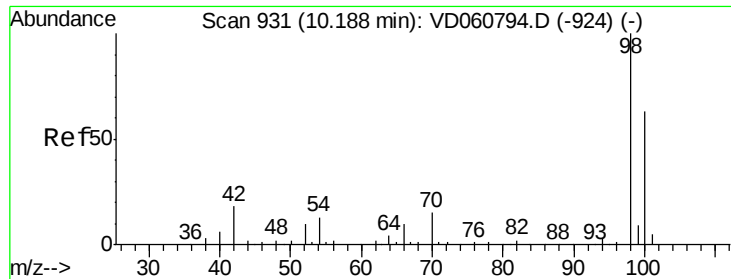
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.69 min Scan# 575
 Delta R.T. 0.02 min
 Lab File: VD060810.D
 Acq: 30 Jan 2019 17:22

Tgt Ion:113 Resp: 270175
 Ion Ratio Lower Upper
 113 100
 111 110.4 82.3 123.5
 192 18.1 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: 10.18 min Scan# 930

Delta R.T. -0.00 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

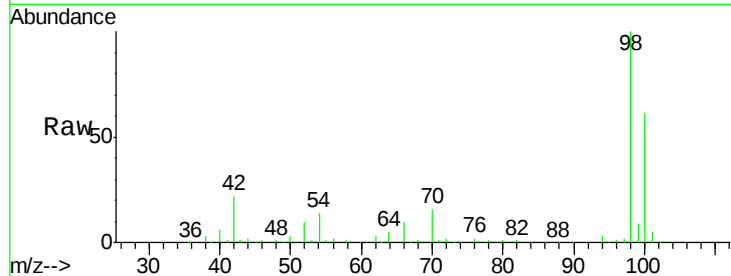
Instrument :
MSVOA_D
ClientSampleId :
TP-8-AB

Tot Ion: 98 Resp: 566536

Ion Ratio Lower Upper

98 100

100 61.3 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) (-)

10.18

250000

200000

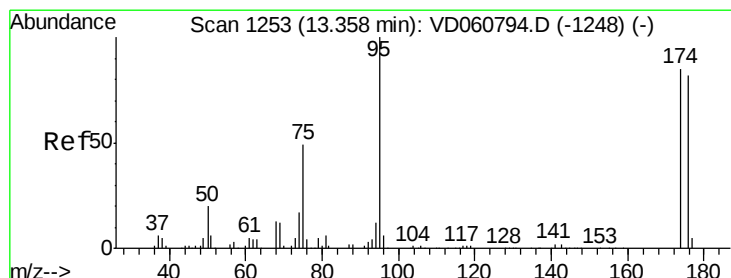
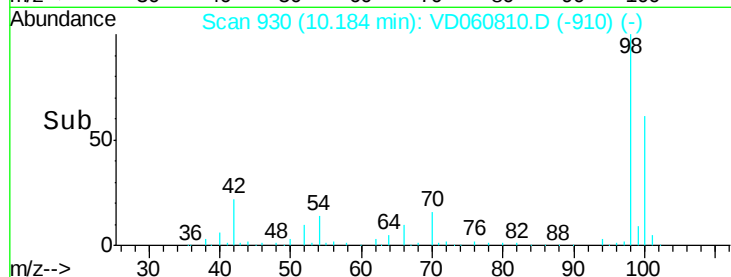
150000

100000

50000

0

Time--> 10.00 10.20 10.40



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.35 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VD060810.D

Acq: 30 Jan 2019 17:22

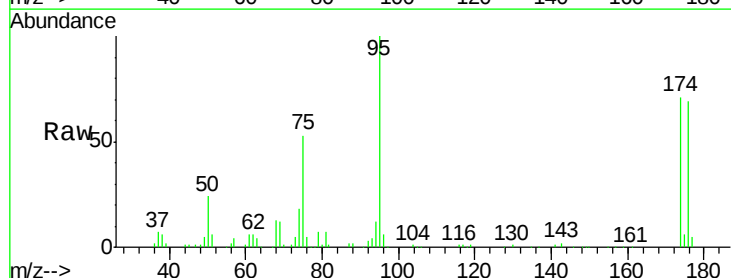
Tgt Ion: 95 Resp: 271351

Ion Ratio Lower Upper

95 100

174 71.3 0.0 169.6

176 68.9 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

250000

200000

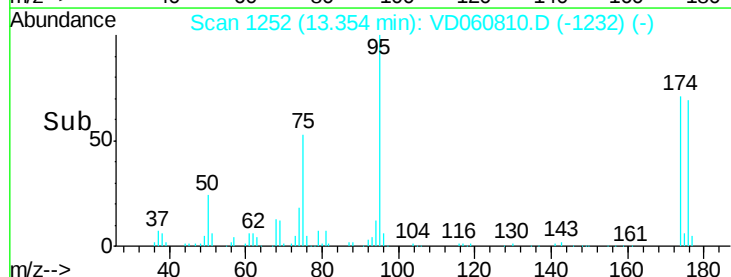
150000

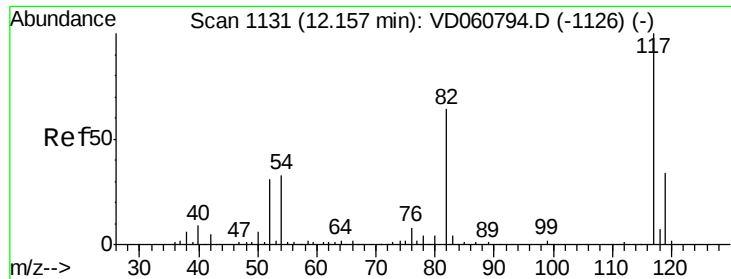
100000

50000

0

Time--> 13.30 13.40

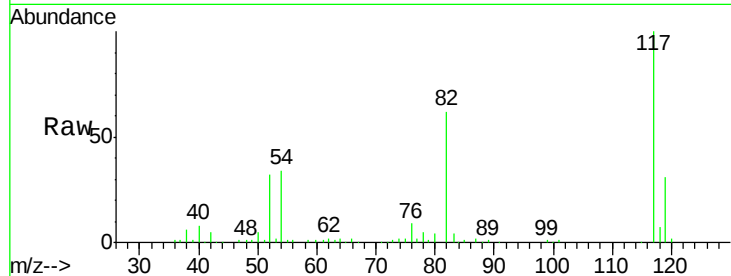




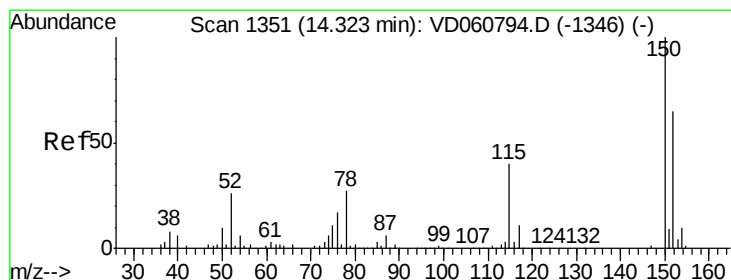
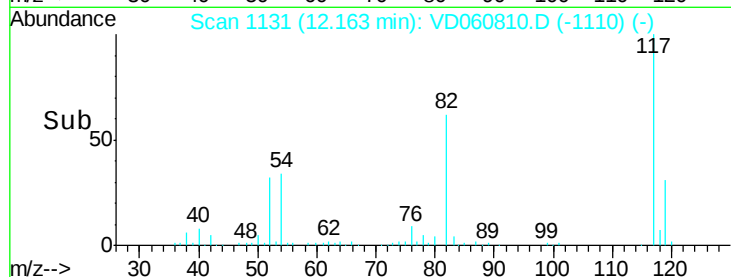
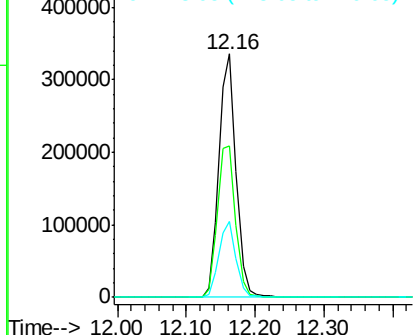
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.16 min Scan# 1131
Delta R.T. 0.01 min
Lab File: VD060810.D
Acq: 30 Jan 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
TP-8-AB

Tot Ion:117 Resp: 581084
Ion Ratio Lower Upper
117 100
82 62.1 51.5 77.3
119 31.4 27.1 40.7

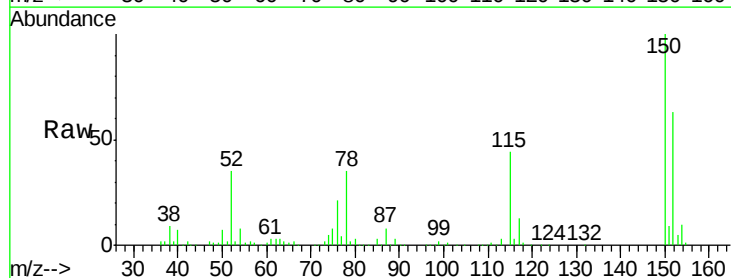


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VD060810.D
Acq: 30 Jan 2019 17:22

Tgt Ion:152 Resp: 277808
Ion Ratio Lower Upper
152 100
115 69.4 31.6 95.0
150 157.9 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

