

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061383.D
 Acq On : 28 Mar 2019 7:20
 Operator : VA/AP
 Sample : K2107-03
 Misc : 4.65g/5ml/MSVOA_D/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Mar 28 08:11:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	10836	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	25016	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	30789	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	16113	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.43	65	9797	105.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	211.68%	
35) Dibromofluoromethane	6.89	113	10338	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
50) Toluene-d8	10.39	98	18400	40.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.26%	
62) 4-Bromofluorobenzene	13.54	95	11346	64.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	129.06%	

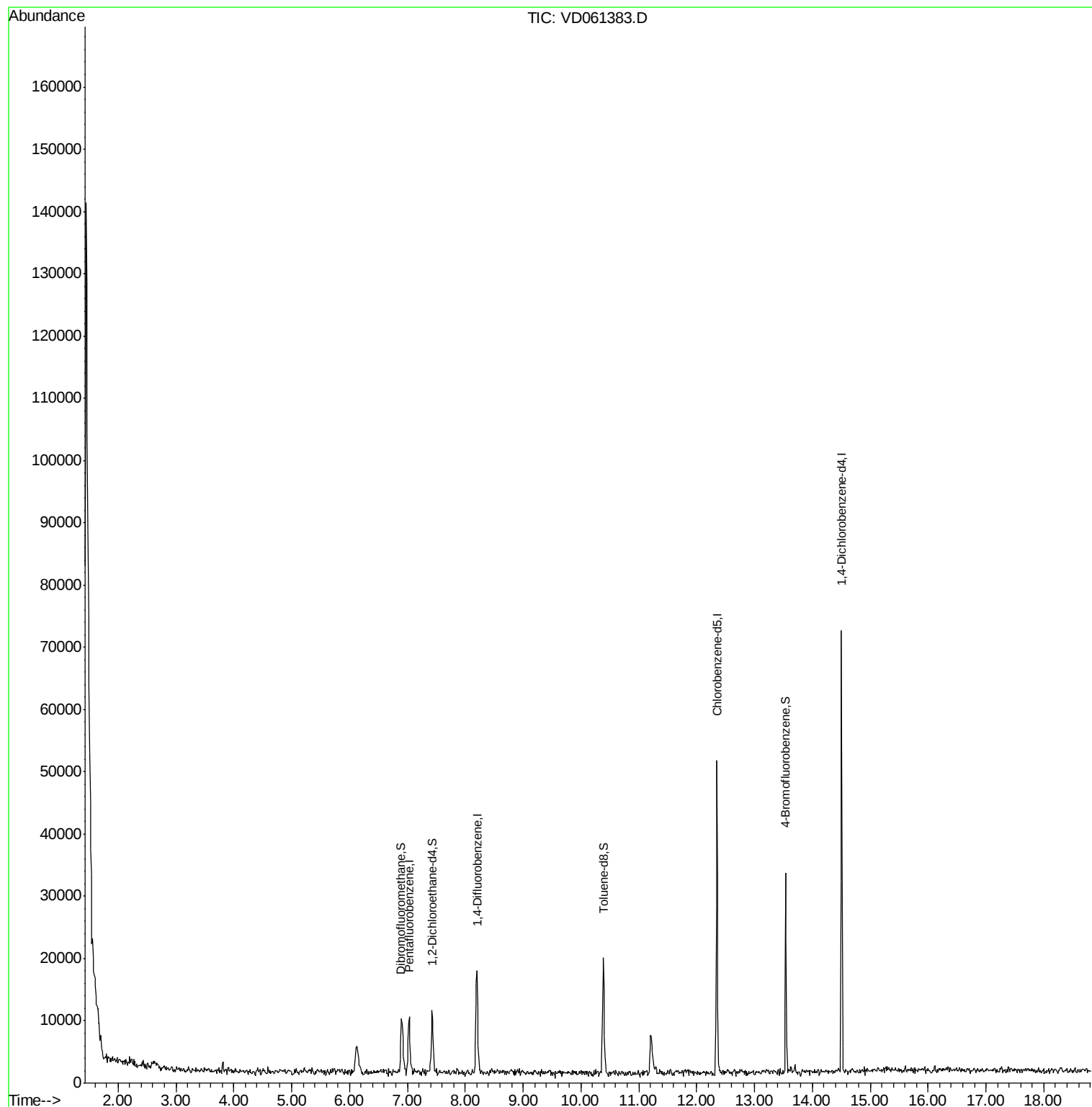
Target Compounds	Qvalue

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

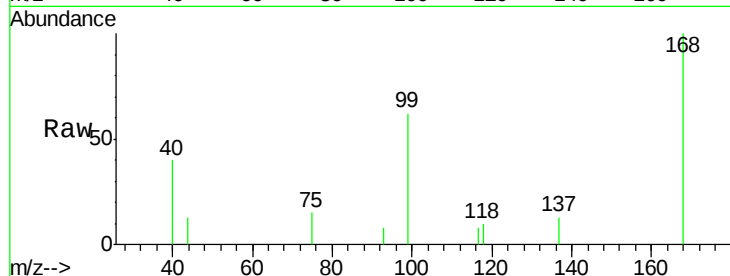
TP-2

Tgt Ion:168 Resp: 10836

Ion Ratio Lower Upper

168 100

99 61.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

4000

3000

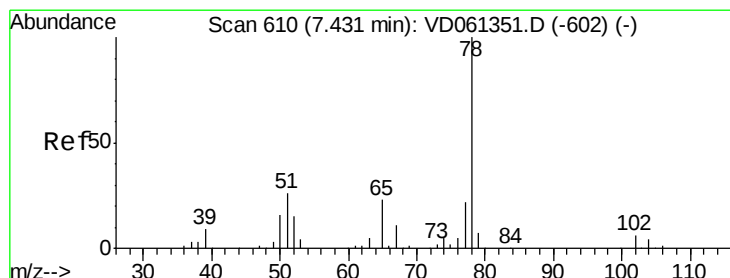
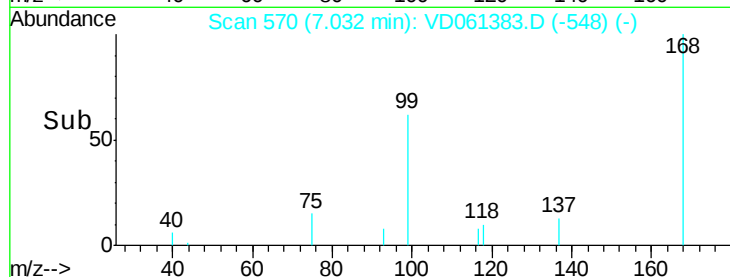
2000

1000

0

6.95 7.00 7.05 7.10

Time-->



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.43 min Scan# 610

Delta R.T. -0.01 min

Lab File: VD061383.D

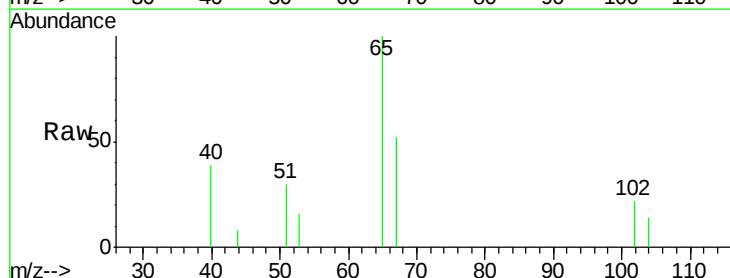
Acq: 28 Mar 2019 7:20

Tgt Ion: 65 Resp: 9797

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.43

4000

3000

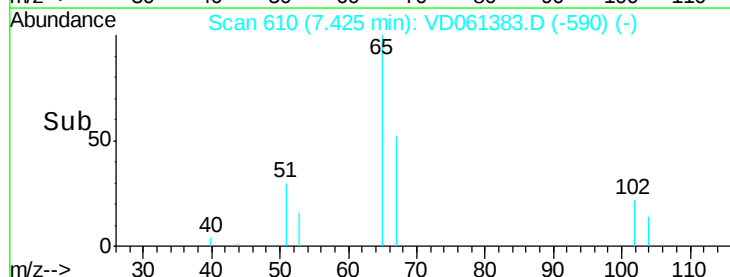
2000

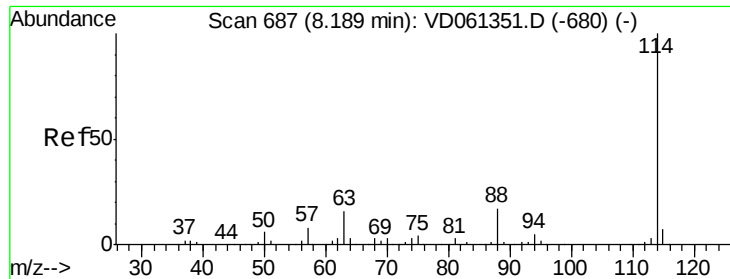
1000

0

7.35 7.40 7.45 7.50 7.55

Time-->

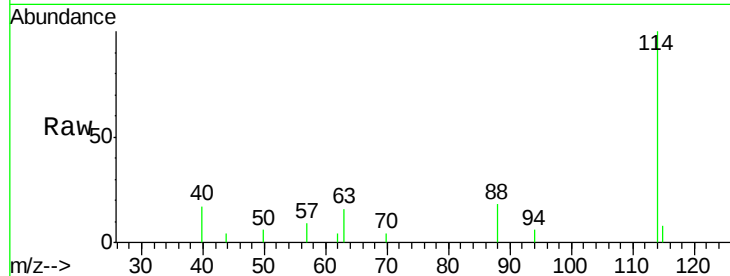




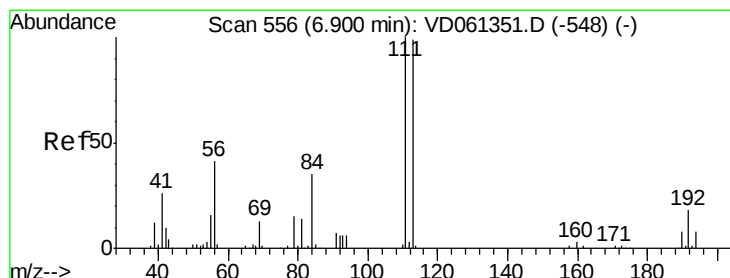
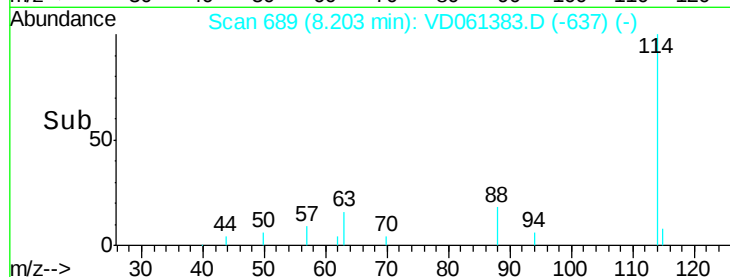
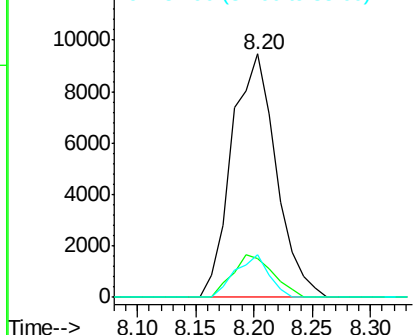
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Tgt Ion:114 Resp: 25016
 Ion Ratio Lower Upper
 114 100
 63 15.9 0.0 31.6
 88 17.7 0.0 33.4

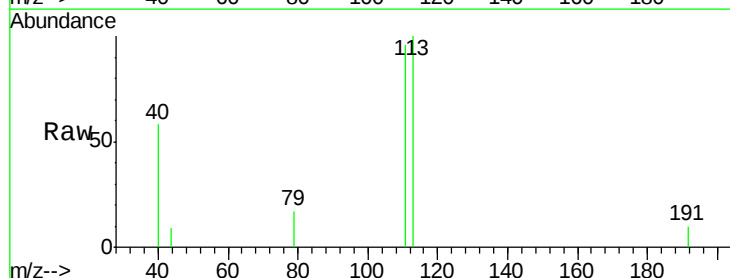


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

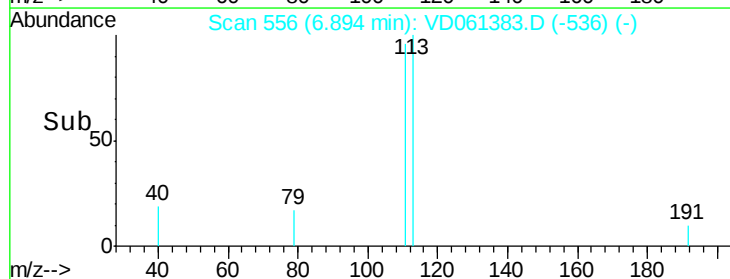
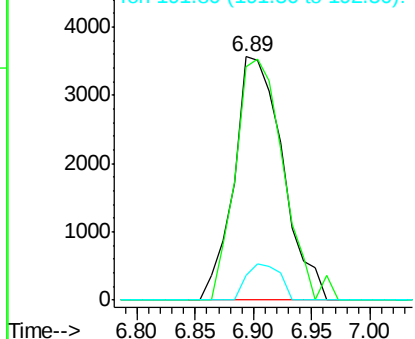


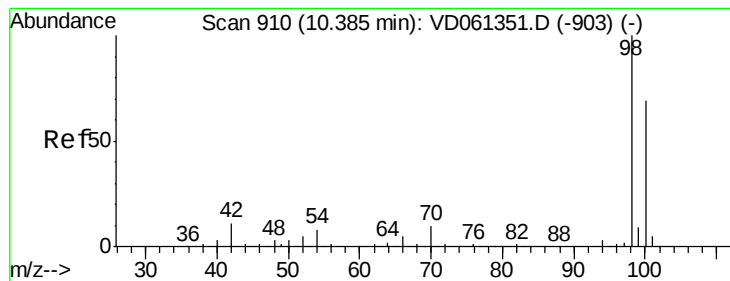
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.89 min Scan# 556
 Delta R.T. -0.01 min
 Lab File: VD061383.D
 Acq: 28 Mar 2019 7:20

Tgt Ion:113 Resp: 10338
 Ion Ratio Lower Upper
 113 100
 111 96.0 81.0 121.6
 192 10.0 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: 10.39 min Scan# 911

Delta R.T. 0.00 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

Instrument :

MSVOA_D

ClientSampleId :

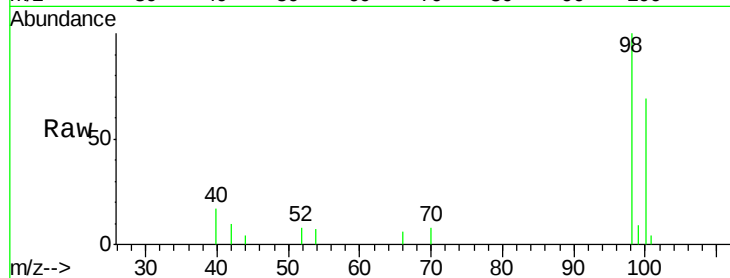
TP-2

Tgt Ion: 98 Resp: 18400

Ion Ratio Lower Upper

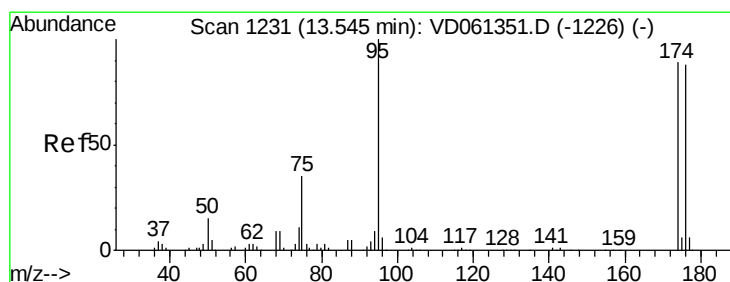
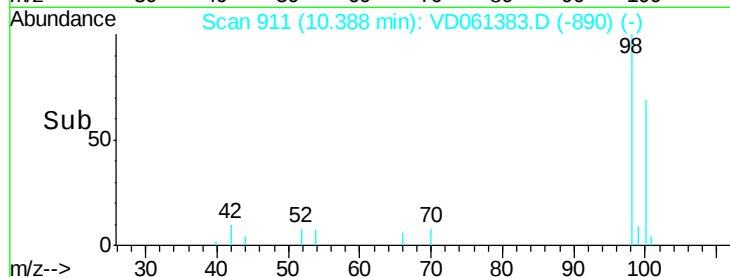
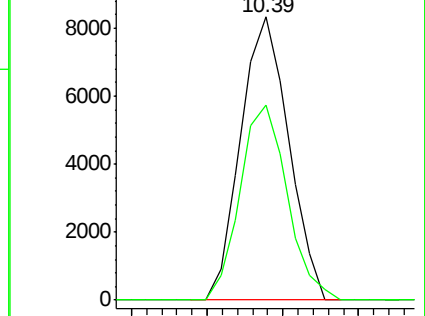
98 100

100 68.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): VD061351.D (-903) (-)

Ion 100.05 (99.75 to 100.75): VD061351.D (-903) (-)



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.54 min Scan# 1231

Delta R.T. -0.01 min

Lab File: VD061383.D

Acq: 28 Mar 2019 7:20

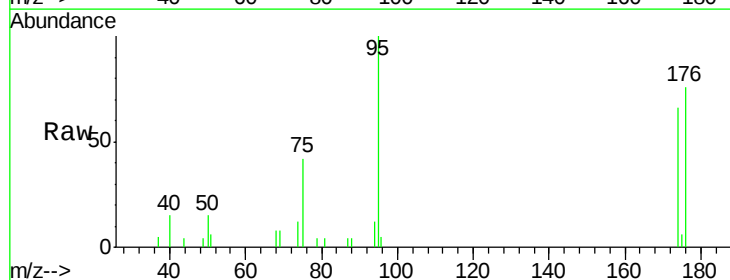
Tgt Ion: 95 Resp: 11346

Ion Ratio Lower Upper

95 100

174 65.8 0.0 178.0

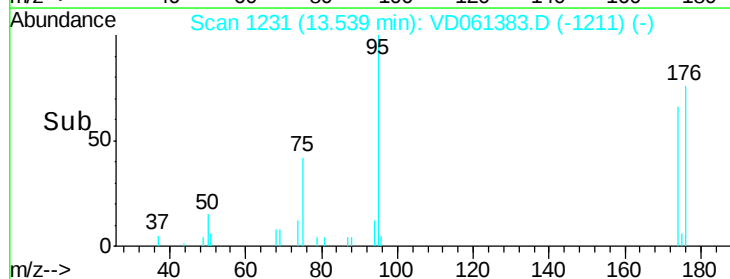
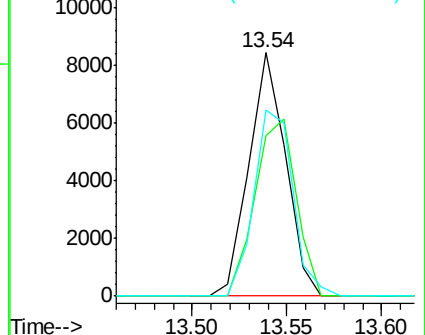
176 76.2 0.0 175.0

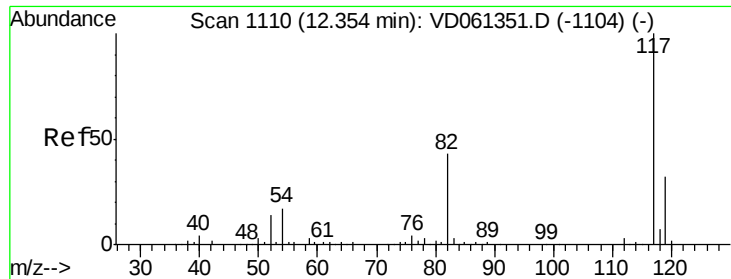


Abundance Ion 95.00 (94.70 to 95.70): VD061351.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD061351.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD061351.D (-1226) (-)

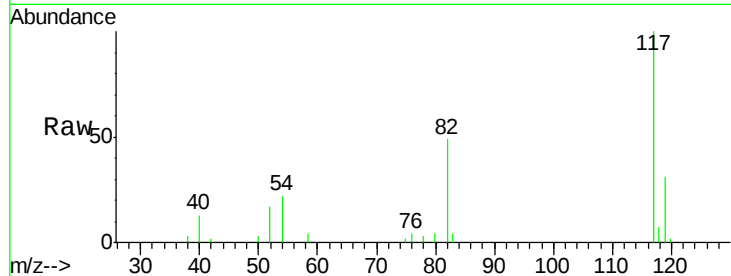




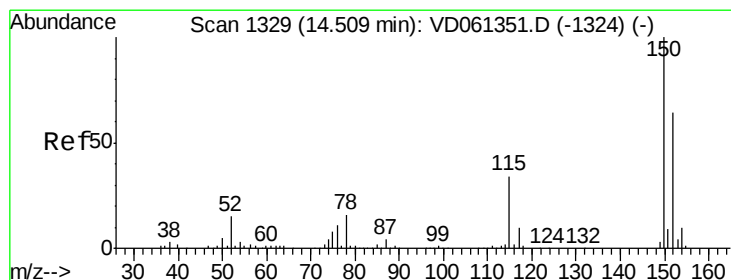
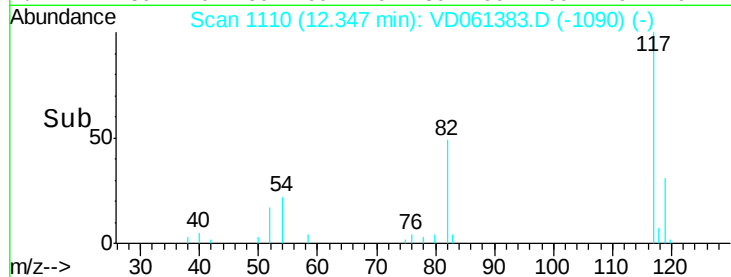
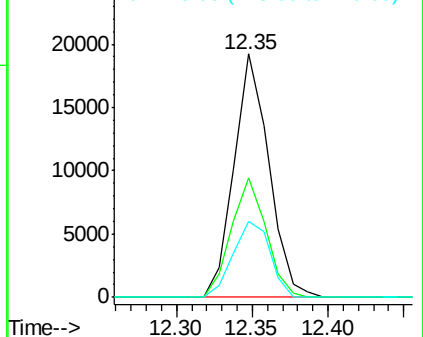
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tgt Ion:117 Resp: 30789
Ion Ratio Lower Upper
117 100
82 48.9 34.4 51.6
119 31.0 25.8 38.6

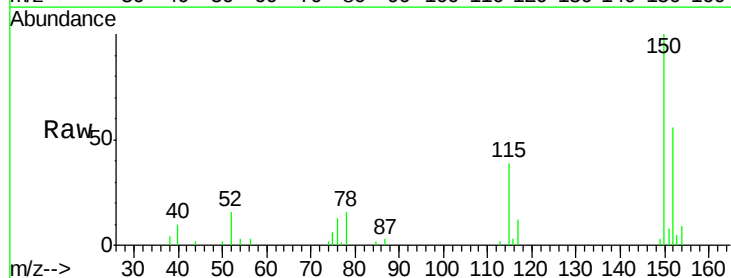


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.50 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD061383.D
Acq: 28 Mar 2019 7:20

Tgt Ion:152 Resp: 16113
Ion Ratio Lower Upper
152 100
115 70.5 26.9 80.6
150 179.5 0.0 318.0



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

