

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063090.D
 Acq On : 15 Jul 2019 19:37
 Operator : VA/AP
 Sample : K3768-17
 Misc : 5.08g/5ml/MSVOA D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Quant Time: Jul 16 08:45:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	627221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	861486	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	699204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	333275	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	431722	55.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.52%	
35) Dibromofluoromethane	6.92	113	481547	56.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.24%	
50) Toluene-d8	10.41	98	857780	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
62) 4-Bromofluorobenzene	13.56	95	365176	42.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.66%	

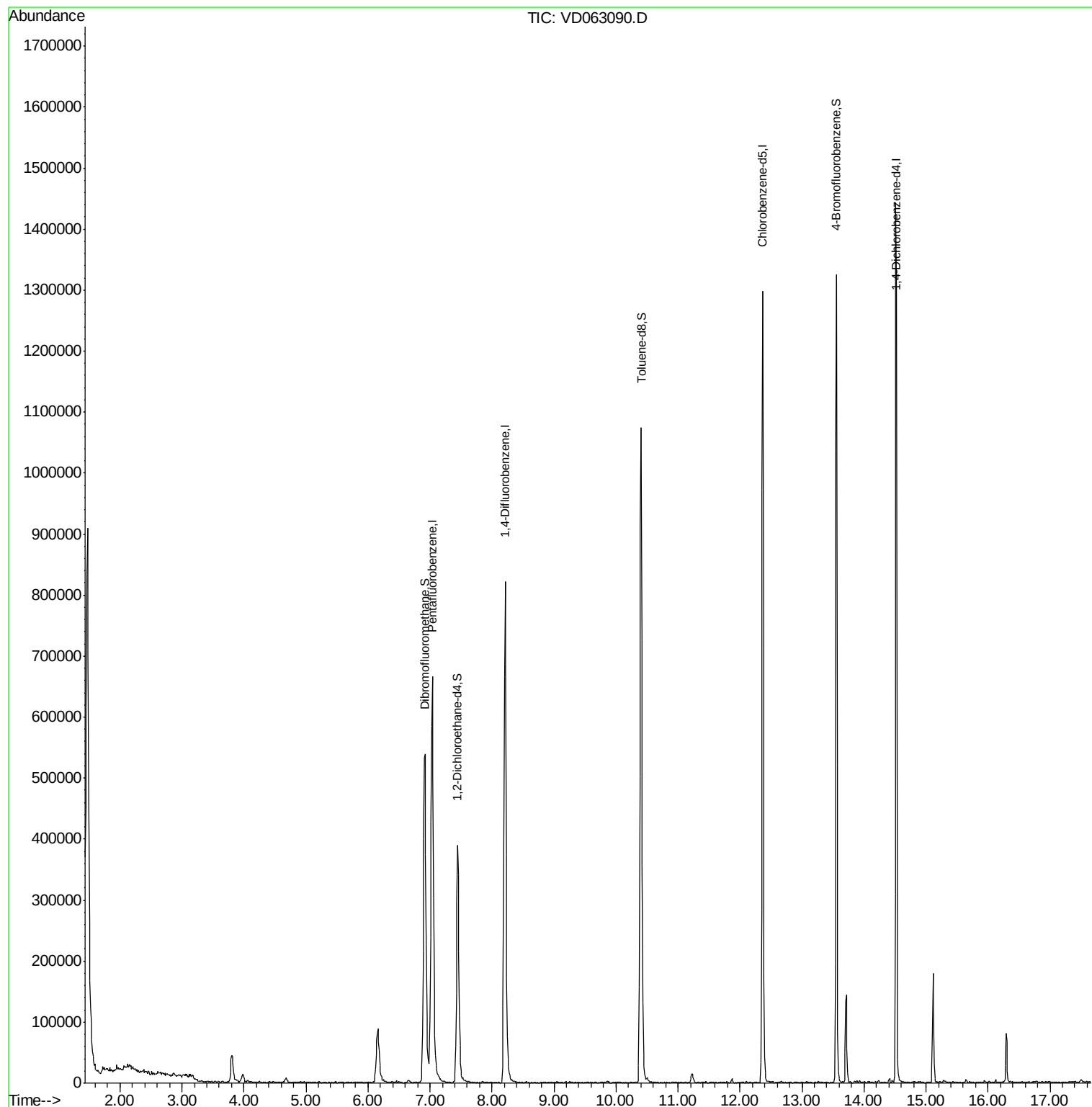
Target Compounds	Qvalue

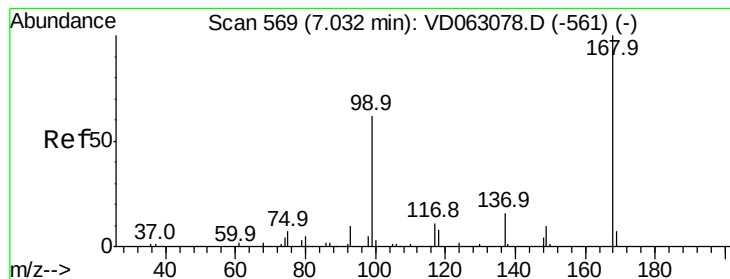
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071519\
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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063090.D

Acq: 15 Jul 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

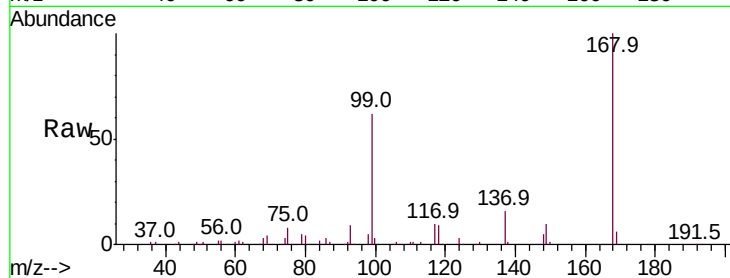
TP-3

Tot Ion:168 Resp: 627221

Ion Ratio Lower Upper

168 100

99 61.6 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

250000

200000

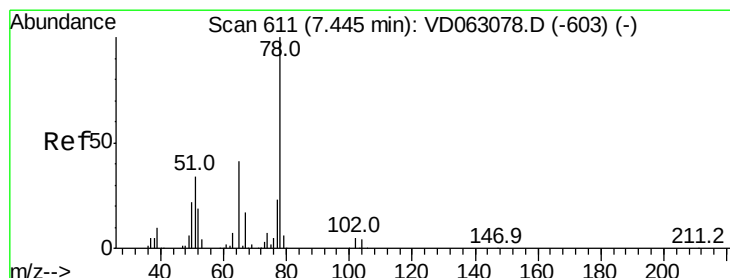
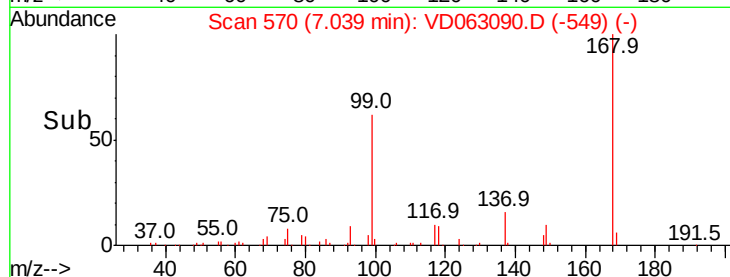
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 55.255 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063090.D

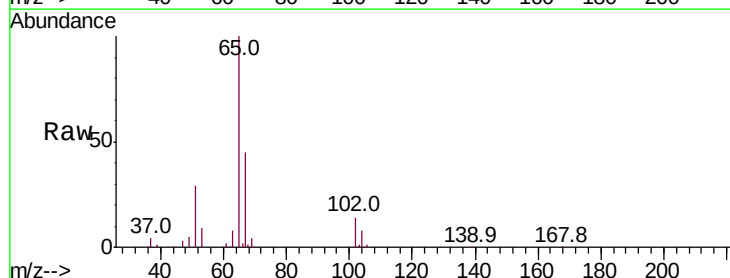
Acq: 15 Jul 2019 19:37

Tgt Ion: 65 Resp: 431722

Ion Ratio Lower Upper

65 100

67 44.8 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

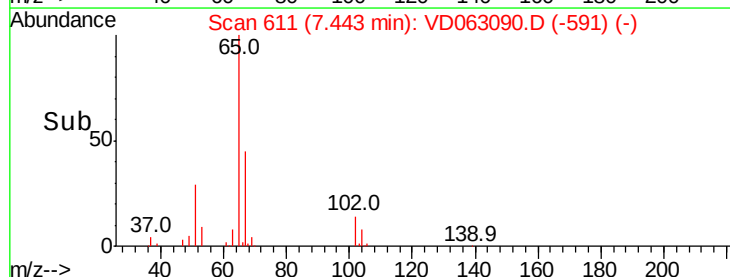
150000

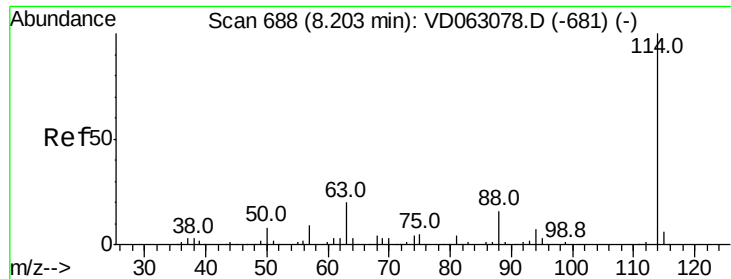
100000

50000

0

Time-->

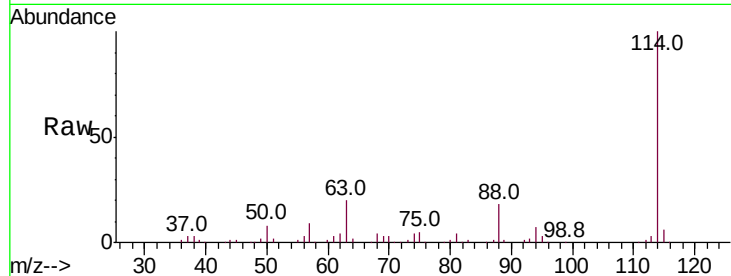




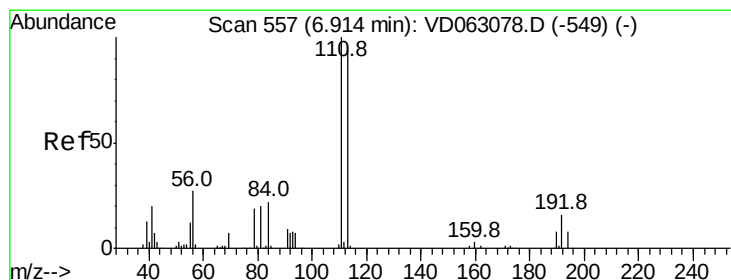
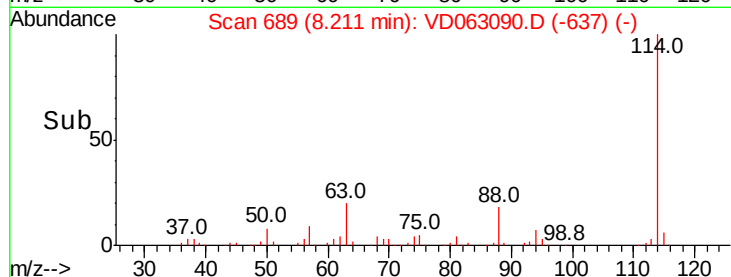
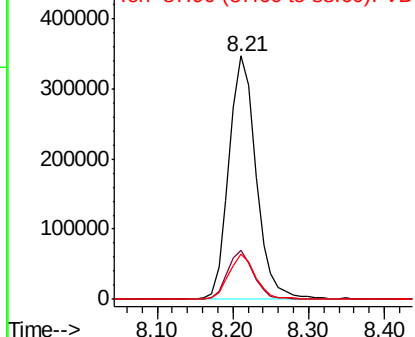
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD063090.D
 Acq: 15 Jul 2019 19:37

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-3

Tot Ion:114 Resp: 861486
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.6
 88 18.3 0.0 32.6

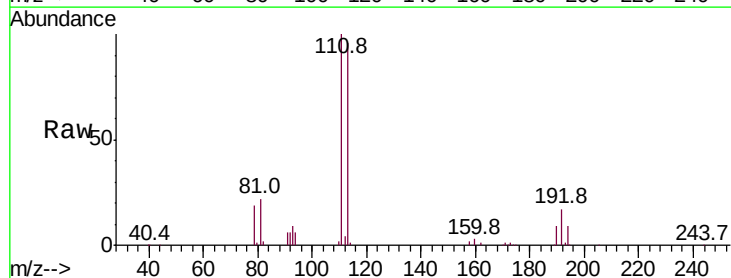


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

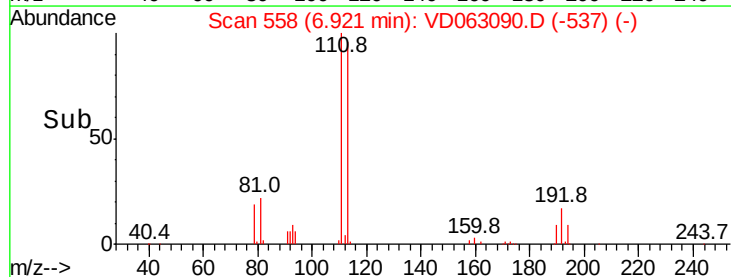
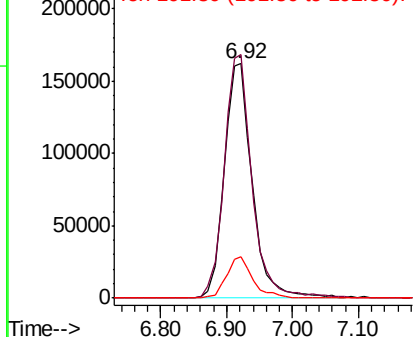


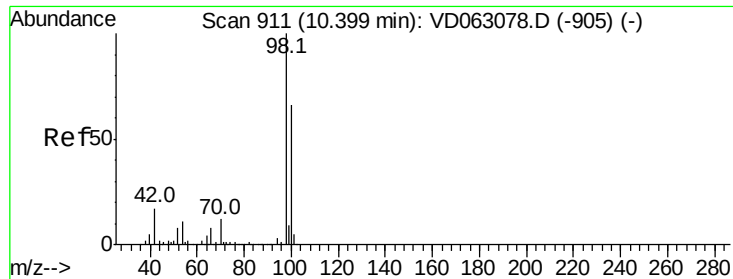
#35
 Dibromofluoromethane
 Concen: 56.120 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.01 min
 Lab File: VD063090.D
 Acq: 15 Jul 2019 19:37

Tgt Ion:113 Resp: 481547
 Ion Ratio Lower Upper
 113 100
 111 104.0 84.8 127.2
 192 17.9 13.4 20.0



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





#50

Toluene-d8

Concen: 46.540 ug/l

RT: 10.41 min Scan# 912

Delta R.T. 0.01 min

Lab File: VD063090.D

Acq: 15 Jul 2019 19:37

Instrument :

MSVOA_D

ClientSampleId :

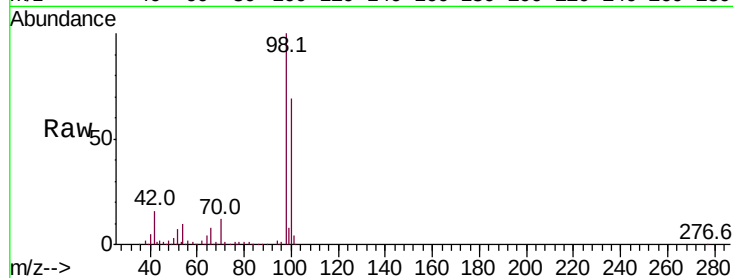
TP-3

Tot Ion: 98 Resp: 857780

Ion Ratio Lower Upper

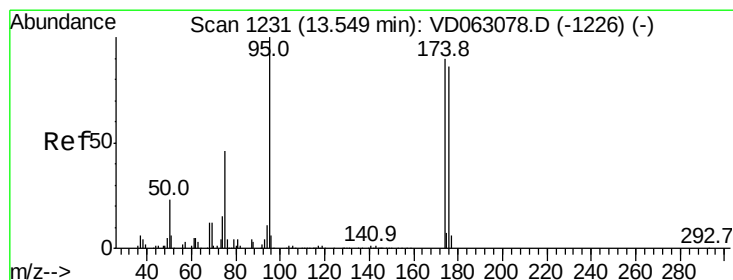
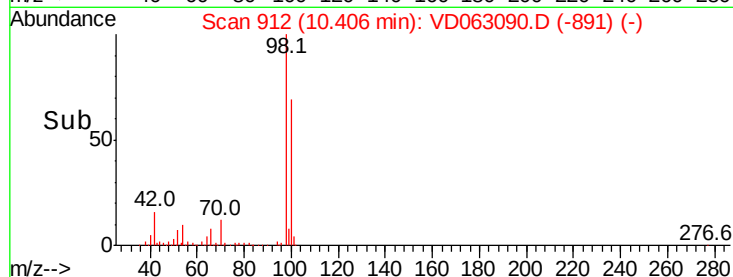
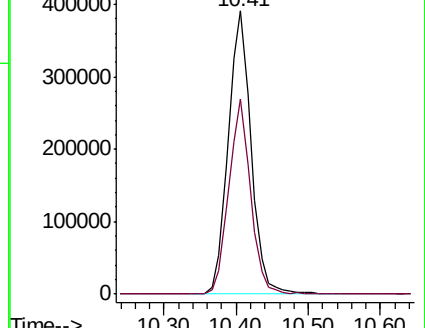
98 100

100 69.0 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VD063078.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD063078.D (-905) (-)



#62

4-Bromofluorobenzene

Concen: 42.826 ug/l

RT: 13.56 min Scan# 1232

Delta R.T. 0.01 min

Lab File: VD063090.D

Acq: 15 Jul 2019 19:37

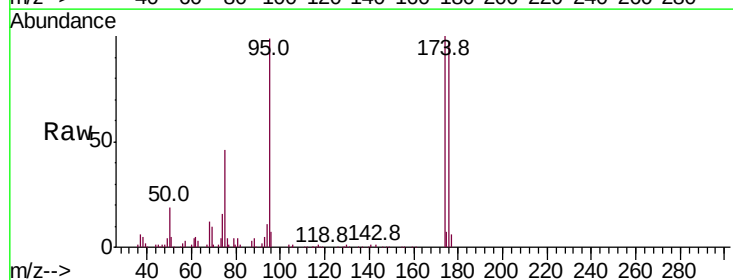
Tgt Ion: 95 Resp: 365176

Ion Ratio Lower Upper

95 100

174 101.4 0.0 180.6

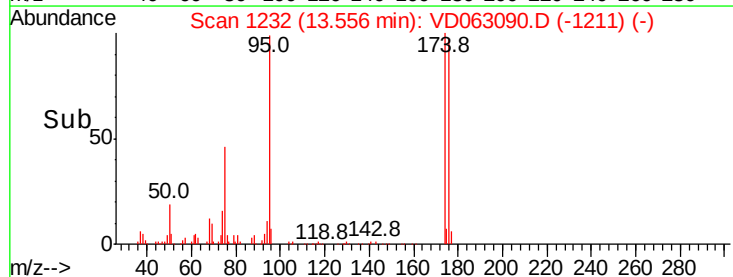
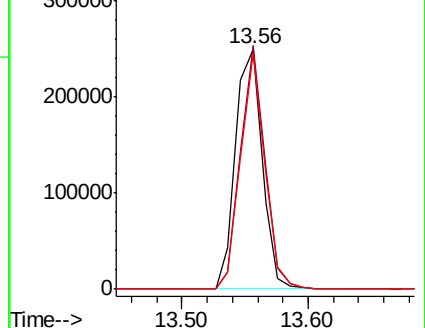
176 98.5 0.0 172.2

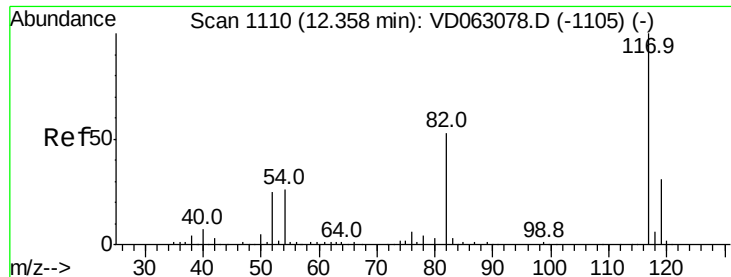


Abundance Ion 95.00 (94.70 to 95.70): VD063078.D (-1226) (-)

Ion 173.90 (173.60 to 174.60): VD063078.D (-1226) (-)

Ion 175.90 (175.60 to 176.60): VD063078.D (-1226) (-)

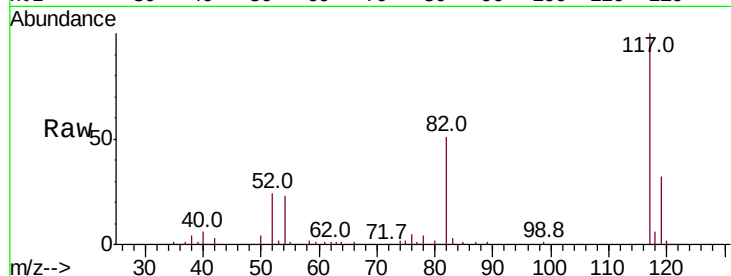




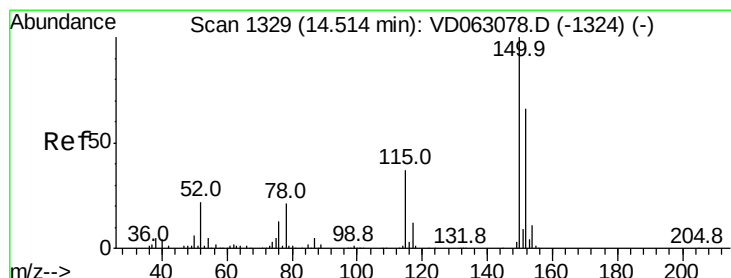
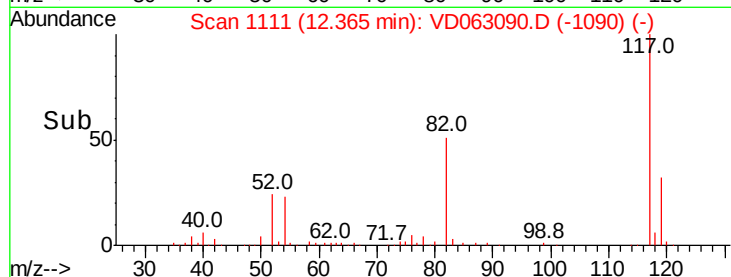
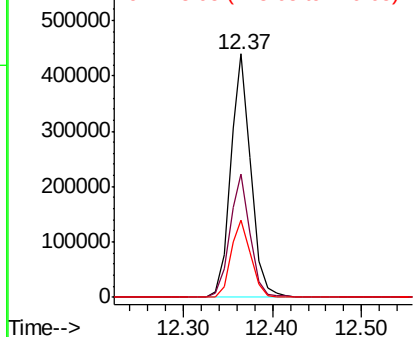
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063090.D
Acq: 15 Jul 2019 19:37

Instrument :
MSVOA_D
ClientSampled :
TP-3

Tot Ion:117 Resp: 699204
Ion Ratio Lower Upper
117 100
82 50.7 42.3 63.5
119 31.9 25.2 37.8

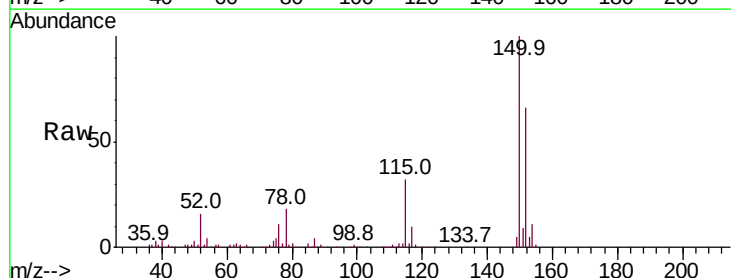


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063090.D
Acq: 15 Jul 2019 19:37

Tgt Ion:152 Resp: 333275
Ion Ratio Lower Upper
152 100
115 48.7 28.9 86.8
150 152.1 0.0 313.8



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

