

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071519\
 Data File : VD063087.D
 Acq On : 15 Jul 2019 18:16
 Operator : VA/AP
 Sample : K3626-07
 Misc : 6.31g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-04-071119-B

Quant Time: Jul 16 08:39:35 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

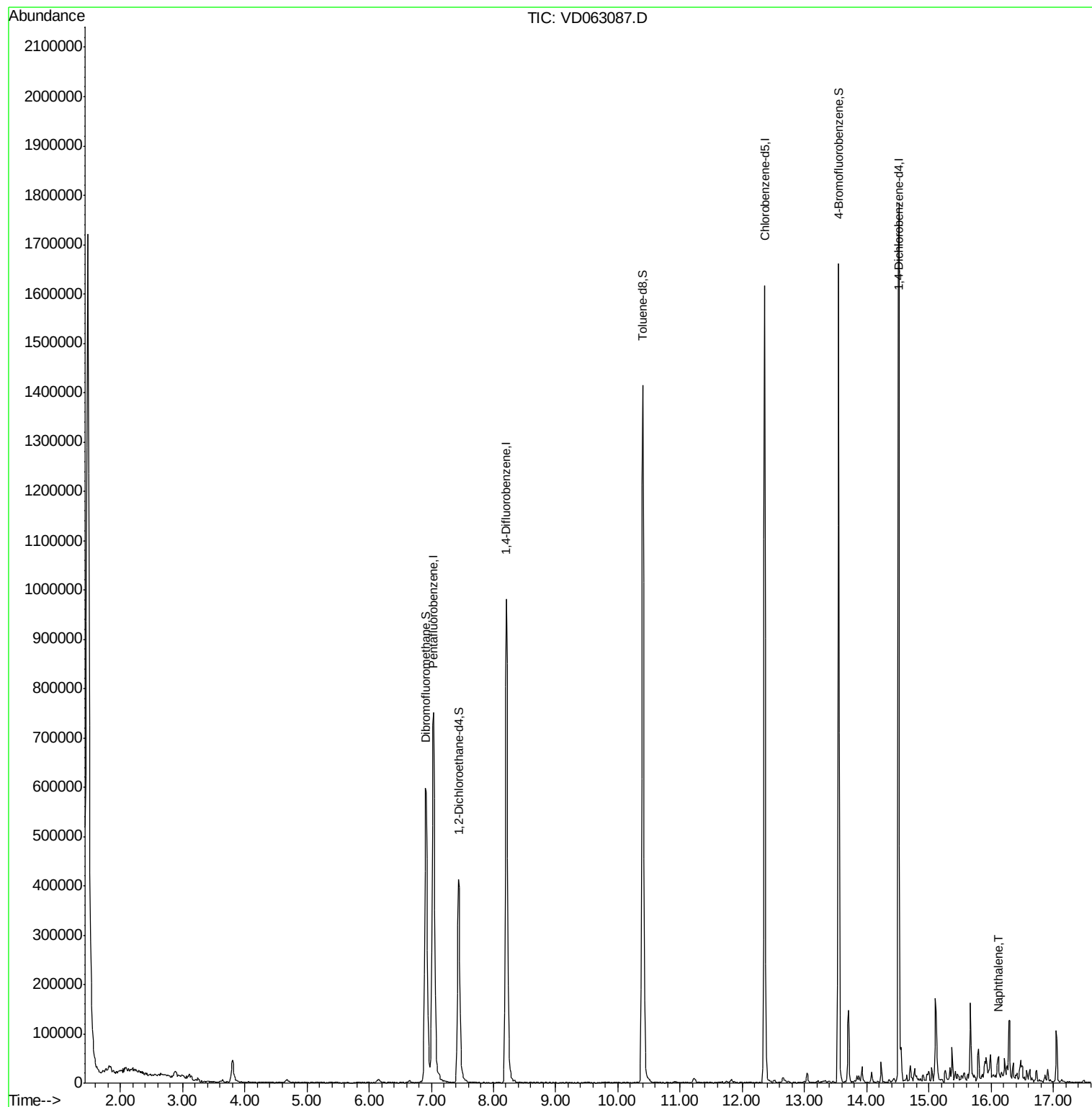
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	748790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1038169	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	833359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	433581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	484181	51.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.82%	
35) Dibromofluoromethane	6.92	113	544241	52.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.26%	
50) Toluene-d8	10.40	98	1127007	50.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.48%	
62) 4-Bromofluorobenzene	13.55	95	446659	43.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.94%	
Target Compounds						
95) Naphthalene	16.12	128	26520	1.598	ug/l #	Qvalue 95

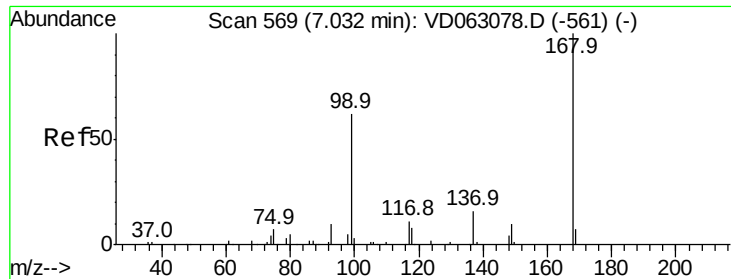
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 16 08:11:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

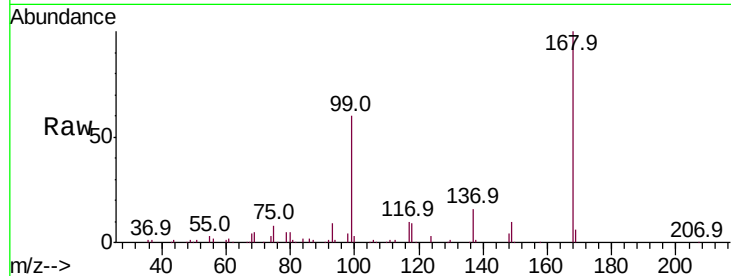
SU-04-071119-B

Tot Ion:168 Resp: 748790

Ion Ratio Lower Upper

168 100

99 59.8 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

250000

200000

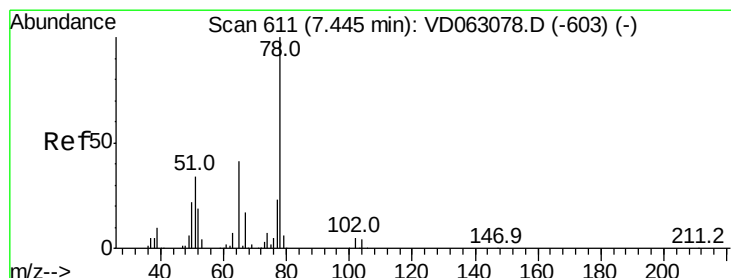
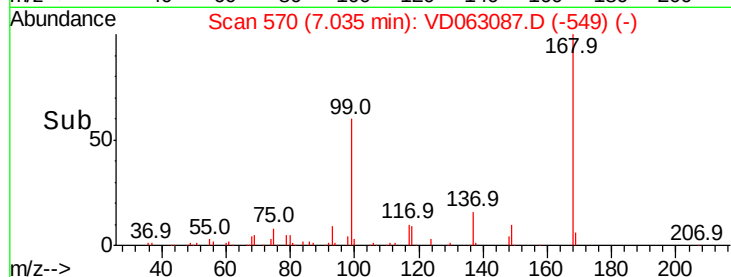
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 51.908 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063087.D

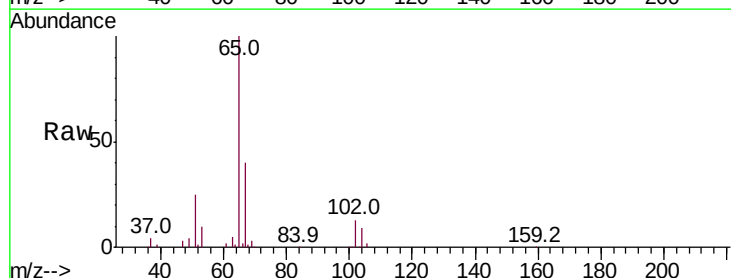
Acq: 15 Jul 2019 18:16

Tgt Ion: 65 Resp: 484181

Ion Ratio Lower Upper

65 100

67 40.0 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

200000

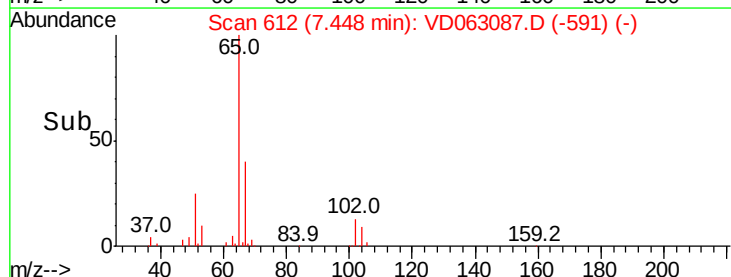
150000

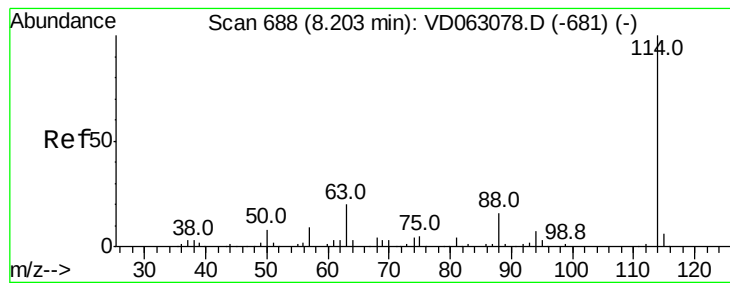
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

SU-04-071119-B

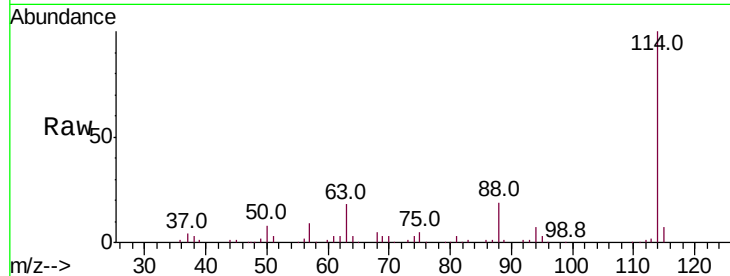
Tot Ion:114 Resp: 1038169

Ion Ratio Lower Upper

114 100

63 18.4 0.0 40.6

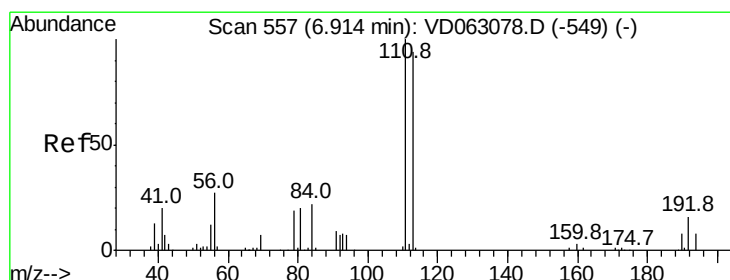
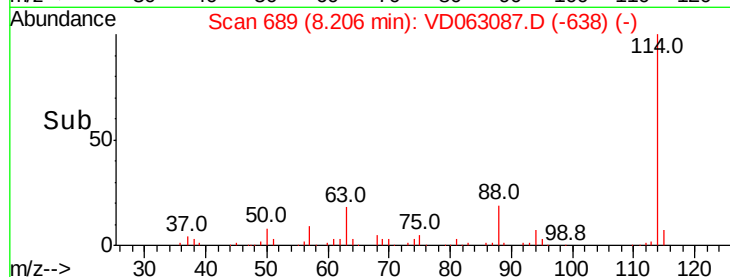
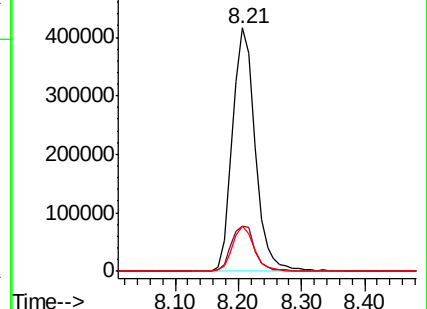
88 18.6 0.0 32.6



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: 52.632 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

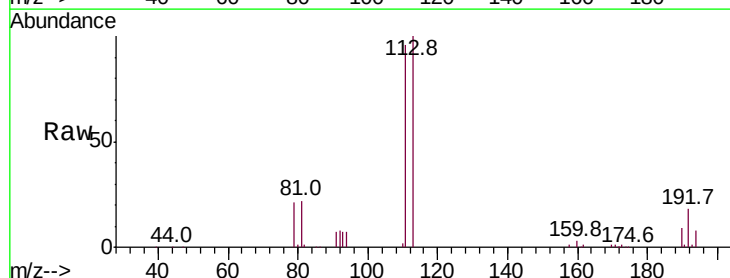
Tgt Ion:113 Resp: 544241

Ion Ratio Lower Upper

113 100

111 95.7 84.8 127.2

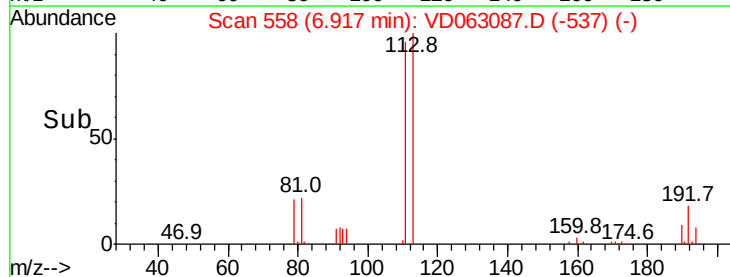
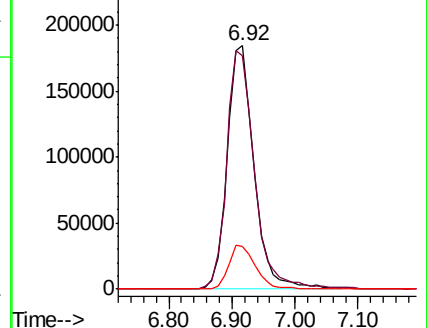
192 17.5 13.4 20.0

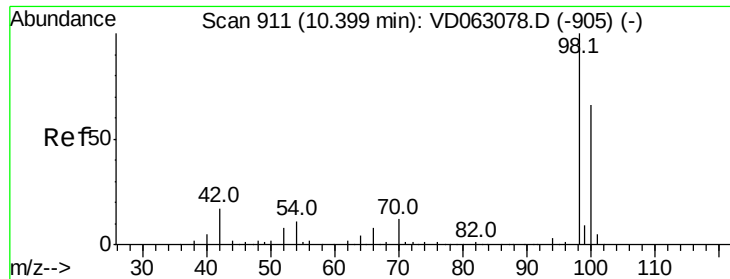


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 50.740 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

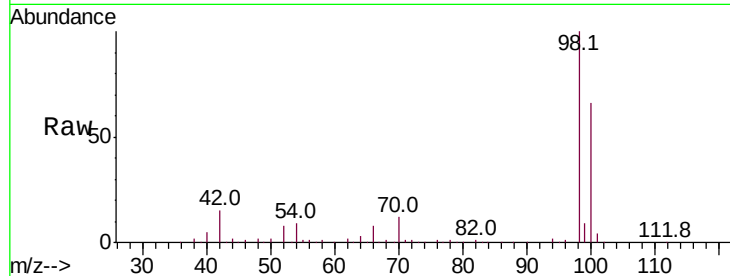
SU-04-071119-B

Tot Ion: 98 Resp: 1127007

Ion Ratio Lower Upper

98 100

100 65.8 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.40

600000

500000

400000

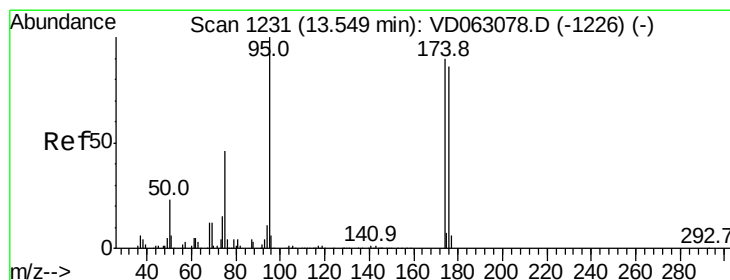
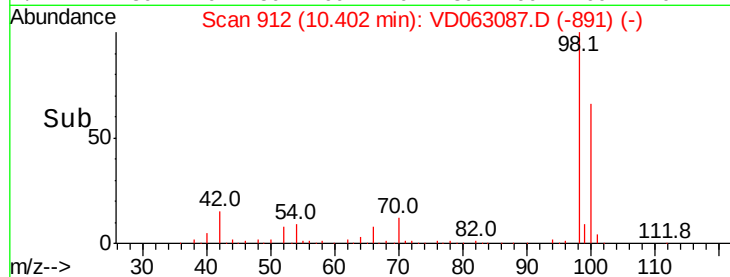
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 43.467 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

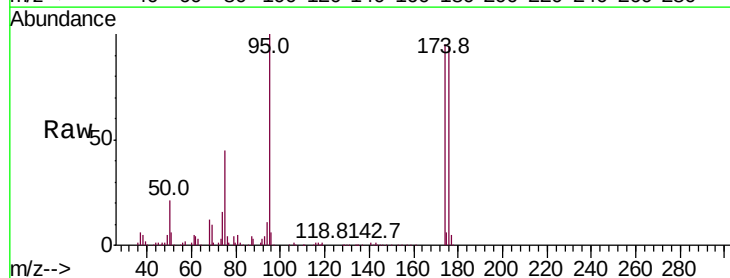
Tgt Ion: 95 Resp: 446659

Ion Ratio Lower Upper

95 100

174 95.0 0.0 180.6

176 94.1 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): VDC

Ion 175.90 (175.60 to 176.60): VDC

400000

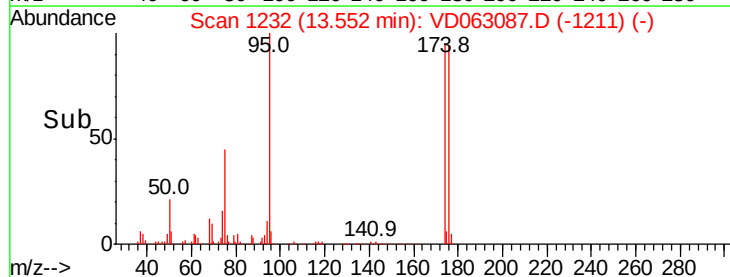
300000

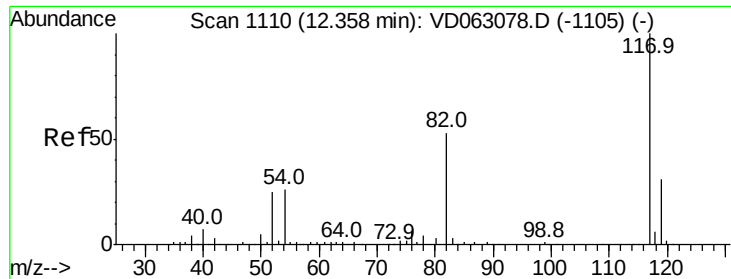
200000

100000

0

Time-->

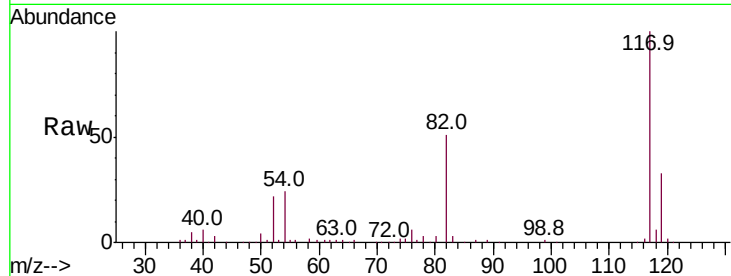




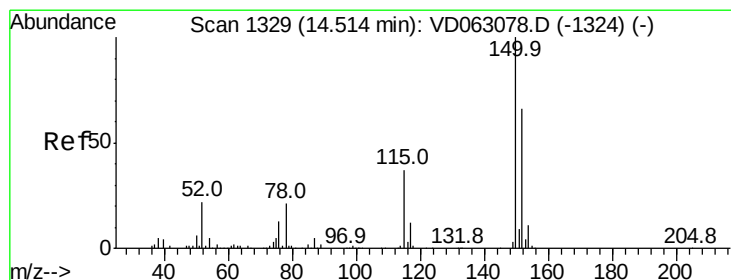
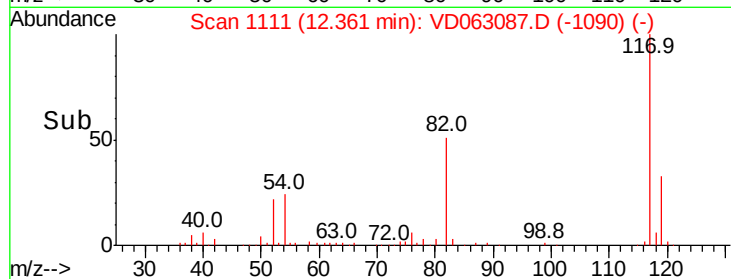
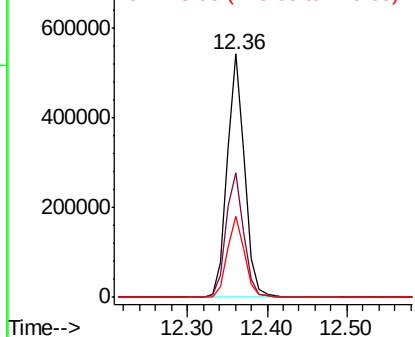
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063087.D
Acq: 15 Jul 2019 18:16

Instrument :
MSVOA_D
ClientSampleId :
SU-04-071119-B

Tot Ion:117 Resp: 833359
Ion Ratio Lower Upper
117 100
82 51.3 42.3 63.5
119 33.4 25.2 37.8

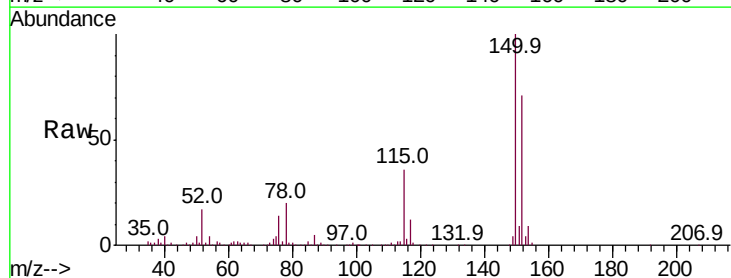


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

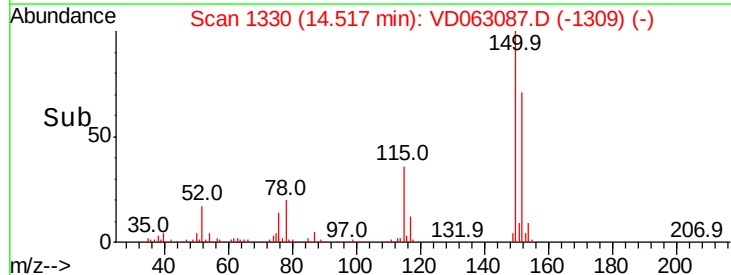
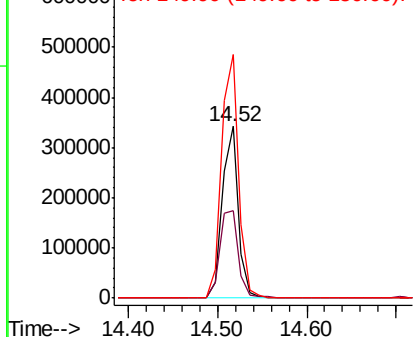


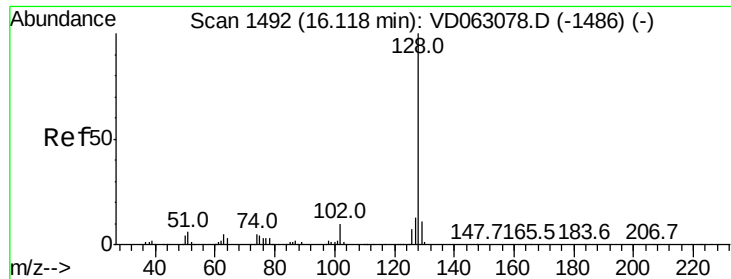
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063087.D
Acq: 15 Jul 2019 18:16

Tgt Ion:152 Resp: 433581
Ion Ratio Lower Upper
152 100
115 50.6 28.9 86.8
150 141.7 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





#95

Naphthalene

Concen: 1.598 ug/l

RT: 16.12 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VD063087.D

Acq: 15 Jul 2019 18:16

Instrument :

MSVOA_D

ClientSampleId :

SU-04-071119-B

Tot Ion:128 Resp: 26520

Ion Ratio Lower Upper

128 100

127 16.2 10.7 16.1#

129 11.5 8.7 13.1

