

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063111.D
 Acq On : 16 Jul 2019 17:22
 Operator : VA/AP
 Sample : K3623-03
 Misc : 5.41g/5ml/MSVOA D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-071519-B

Quant Time: Jul 17 08:21:17 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	541738	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	730657	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	508957	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	168875	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	332562	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	6.91	113	352573	48.45	ug/l	0.00
Spiked Amount			Recovery	=	96.90%	
50) Toluene-d8	10.40	98	617197	39.48	ug/l	0.00
Spiked Amount			Recovery	=	78.96%	
62) 4-Bromofluorobenzene	13.55	95	230125	31.82	ug/l	0.00
Spiked Amount			Recovery	=	63.64%	

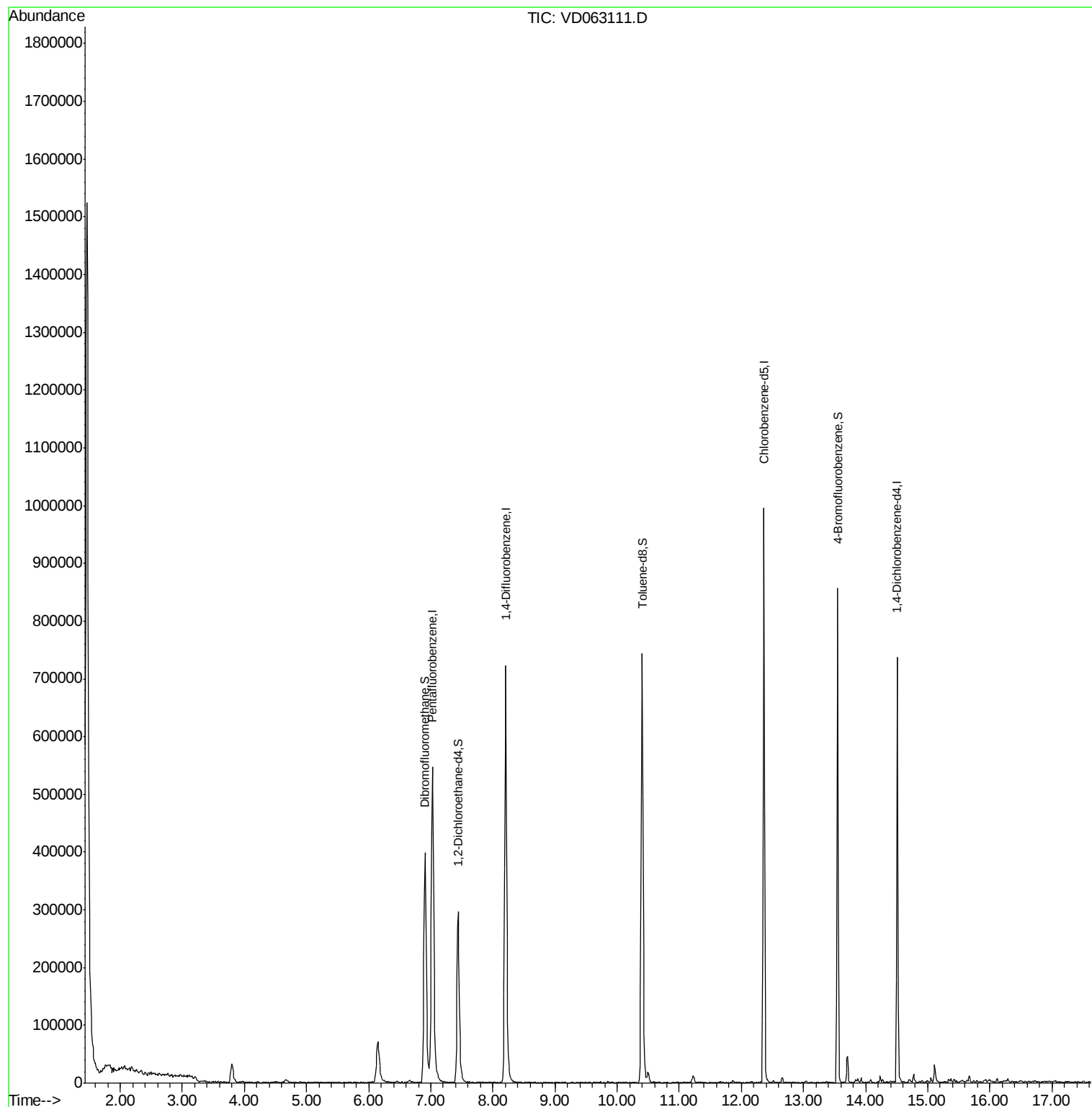
Target Compounds	Qvalue
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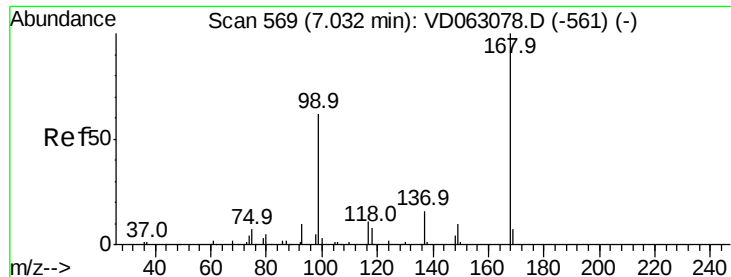
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071619\
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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# 569

Delta R.T. -0.01 min

Lab File: VD063111.D

Acq: 16 Jul 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

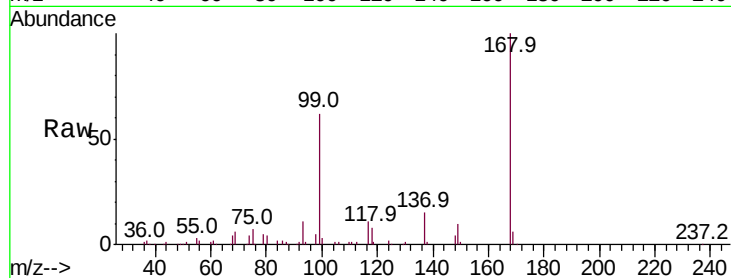
EO-02-071519-B

Tot Ion:168 Resp: 541738

Ion Ratio Lower Upper

168 100

99 61.9 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

200000

150000

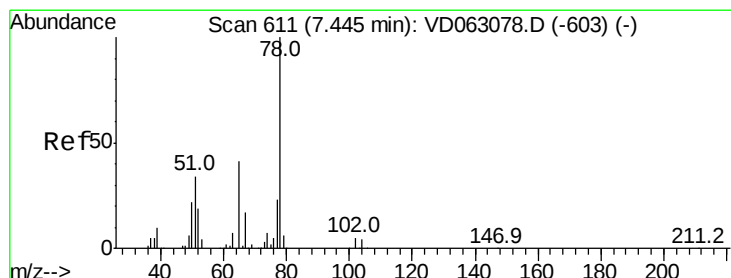
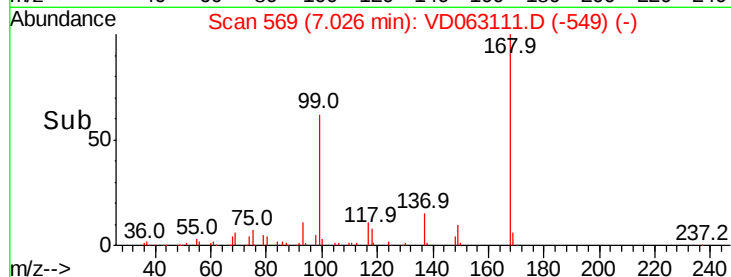
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#33

1,2-Dichloroethane-d4

Concen: 49.280 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD063111.D

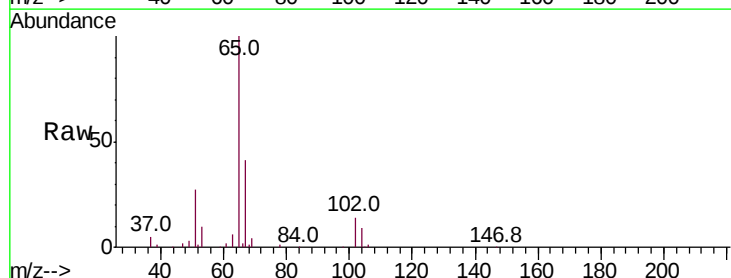
Acq: 16 Jul 2019 17:22

Tgt Ion: 65 Resp: 332562

Ion Ratio Lower Upper

65 100

67 41.4 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

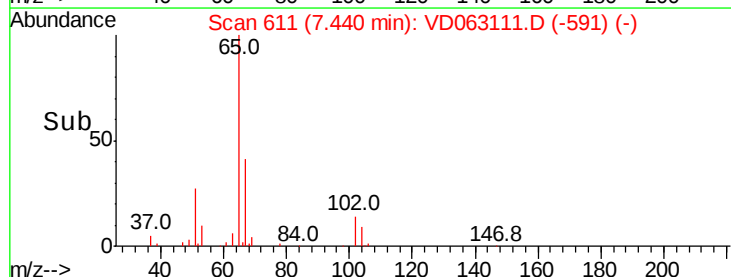
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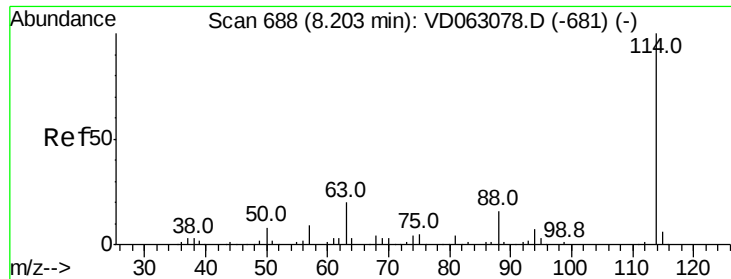
50000

0

Time-->

7.30 7.40 7.50 7.60

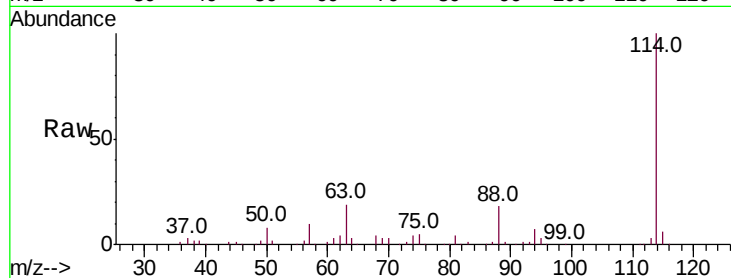




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.21 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: VD063111.D
 Acq: 16 Jul 2019 17:22

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-071519-B

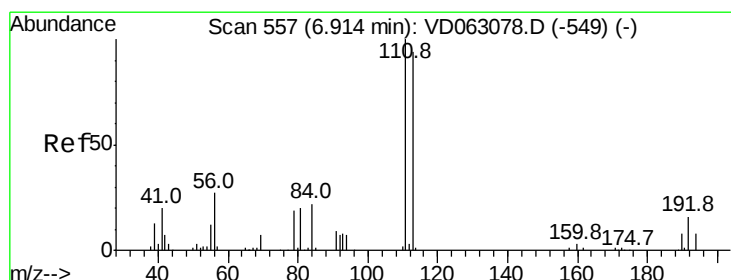
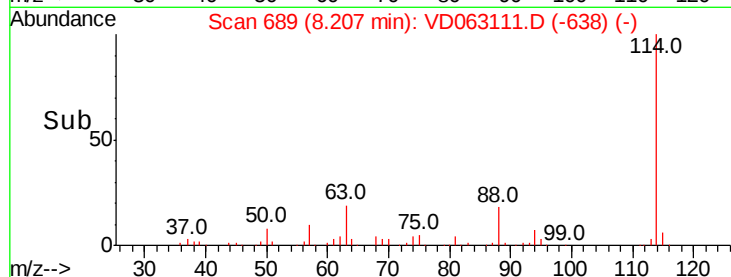
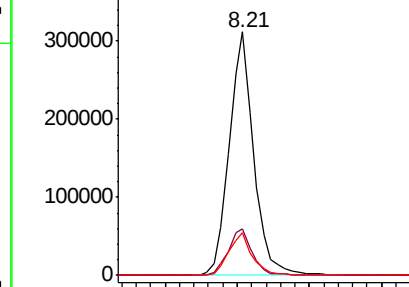
Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	40.6
88	17.6	0.0	32.6



Abundance Ion 114.00 (113.70 to 114.70): V

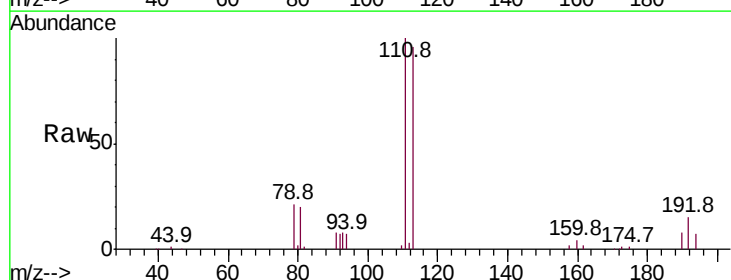
Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35
 Dibromofluoromethane
 Concen: 48.447 ug/l
 RT: 6.91 min Scan# 557
 Delta R.T. -0.01 min
 Lab File: VD063111.D
 Acq: 16 Jul 2019 17:22

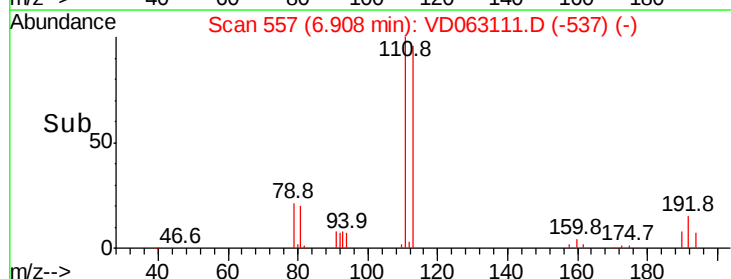
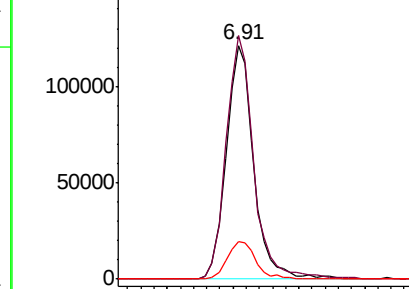
Tgt Ion	Ratio	Lower	Upper
113	100		
111	104.2	84.8	127.2
192	15.9	13.4	20.0

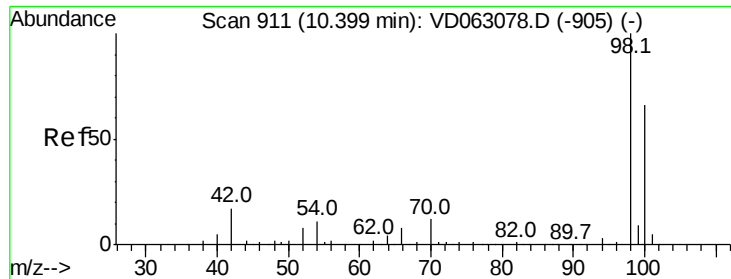


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 39.483 ug/l

RT: 10.40 min Scan# 912

Delta R.T. 0.00 min

Lab File: VD063111.D

Acq: 16 Jul 2019 17:22

Instrument :

MSVOA_D

ClientSampleId :

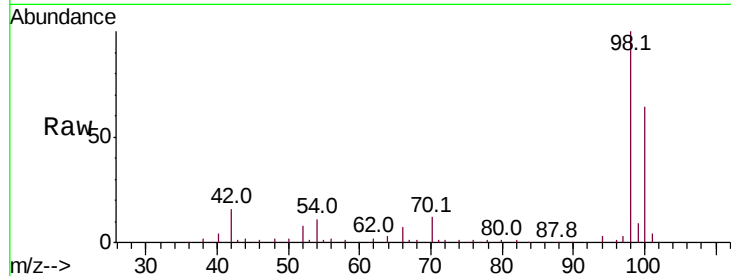
EO-02-071519-B

Tot Ion: 98 Resp: 617197

Ion Ratio Lower Upper

98 100

100 64.0 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) (-)

10.40

250000

200000

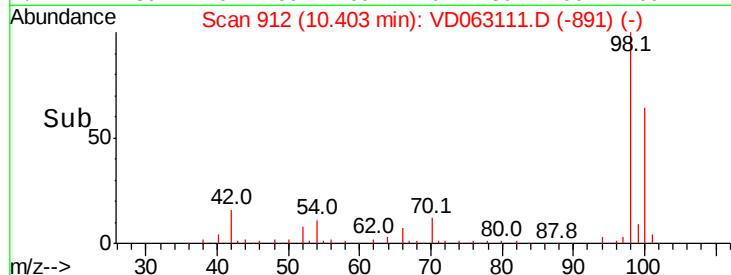
150000

100000

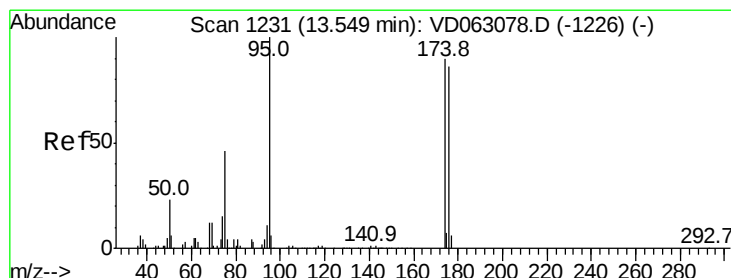
50000

0

Time-->



Time-->



#62

4-Bromofluorobenzene

Concen: 31.820 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.00 min

Lab File: VD063111.D

Acq: 16 Jul 2019 17:22

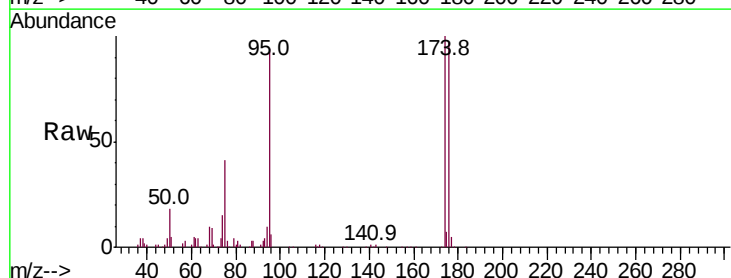
Tgt Ion: 95 Resp: 230125

Ion Ratio Lower Upper

95 100

174 105.9 0.0 180.6

176 102.5 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) (-)

200000

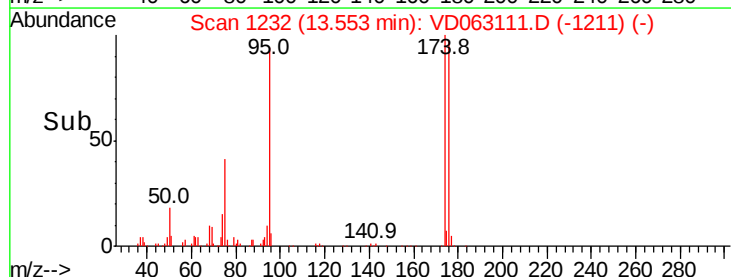
150000

100000

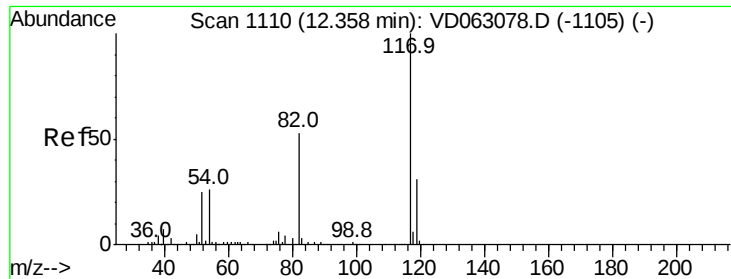
50000

0

Time-->



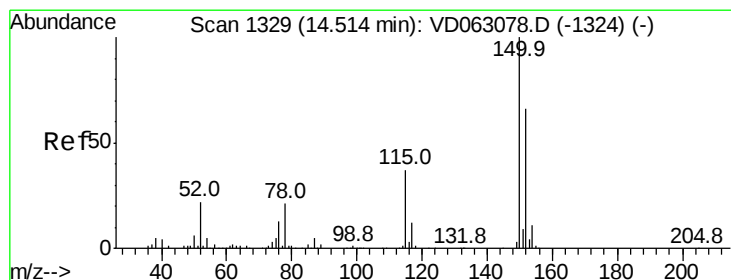
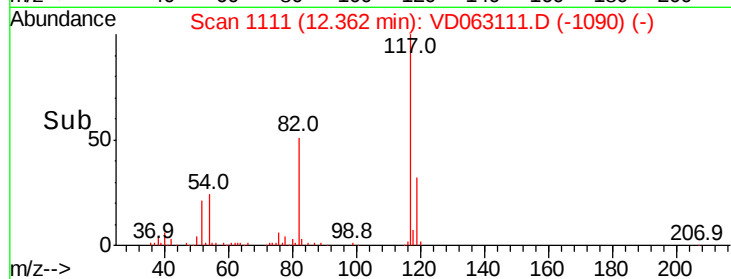
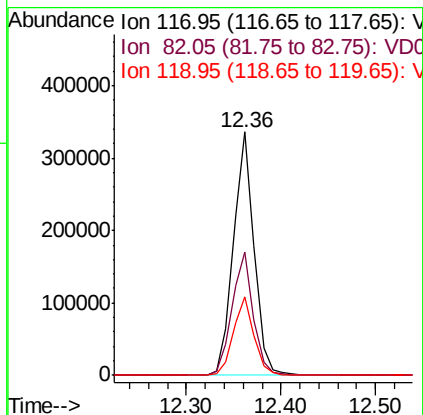
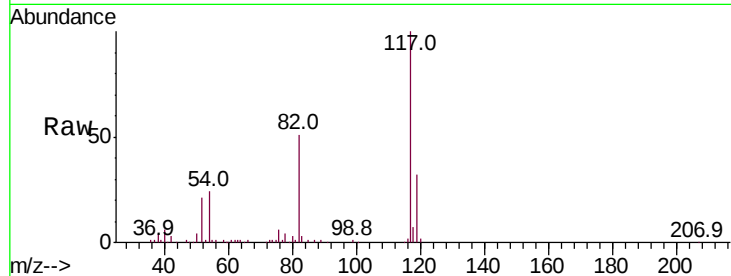
Time-->



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063111.D
Acq: 16 Jul 2019 17:22

Instrument :
MSVOA_D
ClientSampleId :
EO-02-071519-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.7	42.3	63.5
119	32.5	25.2	37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063111.D
Acq: 16 Jul 2019 17:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.9	86.8
150	145.3	0.0	313.8

