

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072219\
 Data File : VD063176.D
 Acq On : 22 Jul 2019 14:52
 Operator : VA/AP
 Sample : K3868-07
 Misc : 5.59g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

Quant Time: Jul 23 08:15:09 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	7.06	168	848119	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1201325	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1037689	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.53	152	494035	50.00	ug/l	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.46	65	659034	62.38	ug/l	0.01
Spiked Amount			Recovery	=	124.76%	
35) Dibromofluoromethane	6.93	113	729623	60.98	ug/l	0.01
Spiked Amount			Recovery	=	121.96%	
50) Toluene-d8	10.42	98	1465953	57.04	ug/l	0.02
Spiked Amount			Recovery	=	114.08%	
62) 4-Bromofluorobenzene	13.56	95	606148	50.98	ug/l	0.01
Spiked Amount			Recovery	=	101.96%	

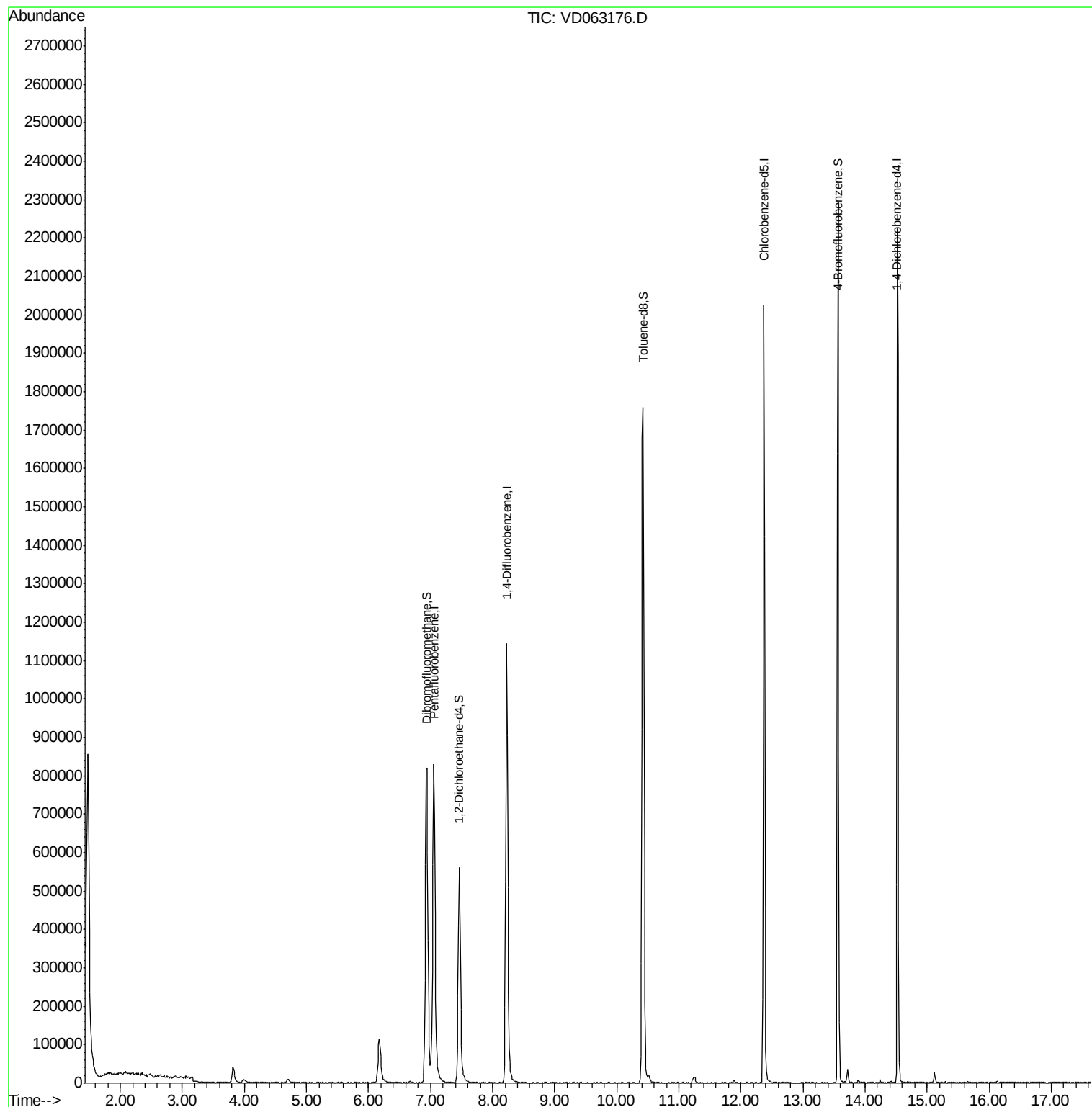
Target Compounds	Qvalue
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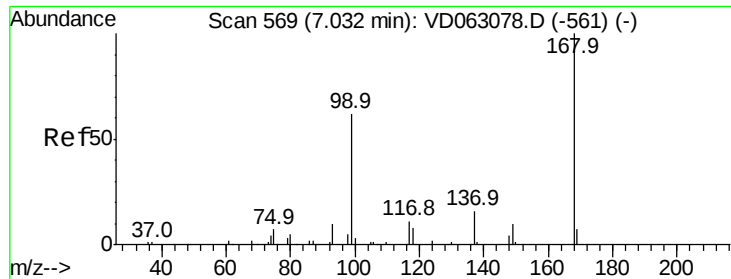
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 7.06 min Scan# 572

Delta R.T. 0.02 min

Lab File: VD063176.D

Acq: 22 Jul 2019 14:52

Instrument :

MSVOA_D

ClientSampleId :

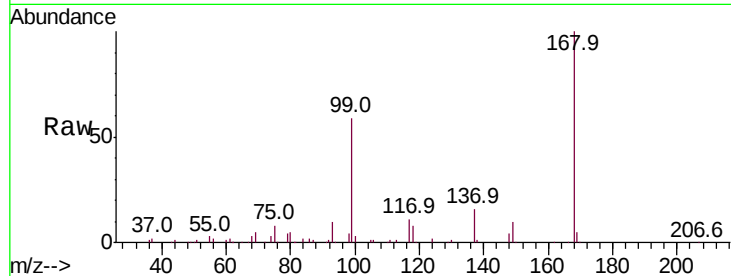
TP-2

Tot Ion:168 Resp: 848119

Ion Ratio Lower Upper

168 100

99 59.2 50.8 76.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.06

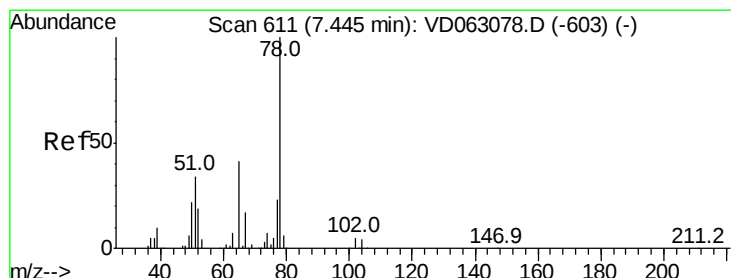
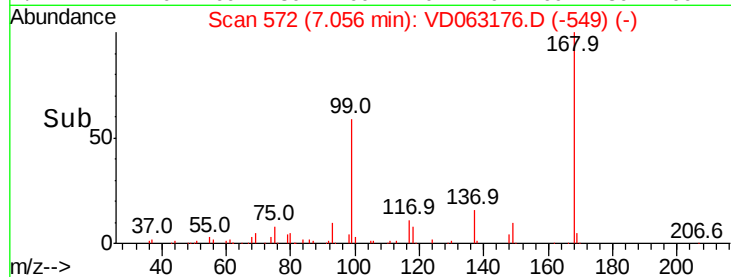
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 62.379 ug/l

RT: 7.46 min Scan# 613

Delta R.T. 0.01 min

Lab File: VD063176.D

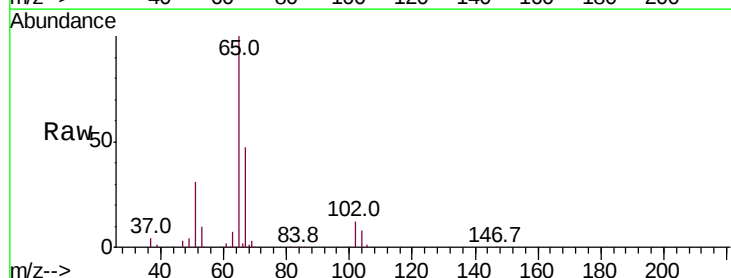
Acq: 22 Jul 2019 14:52

Tgt Ion: 65 Resp: 659034

Ion Ratio Lower Upper

65 100

67 47.2 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.46

250000

200000

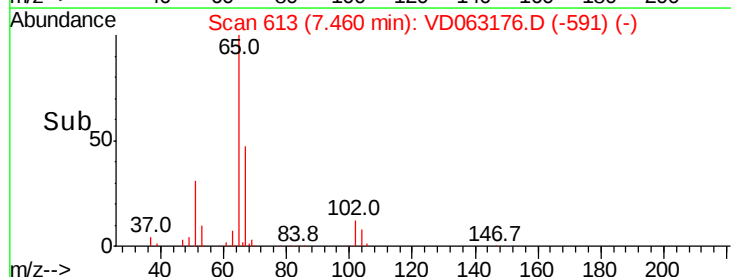
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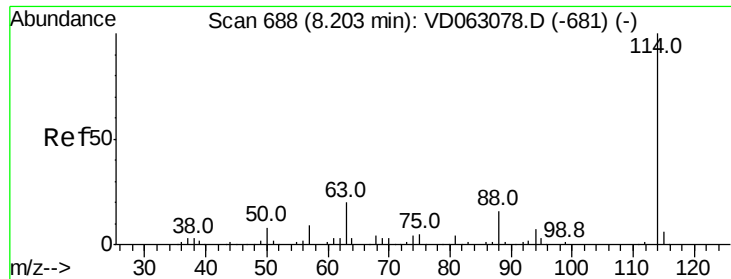
100000

50000

0

Time-->

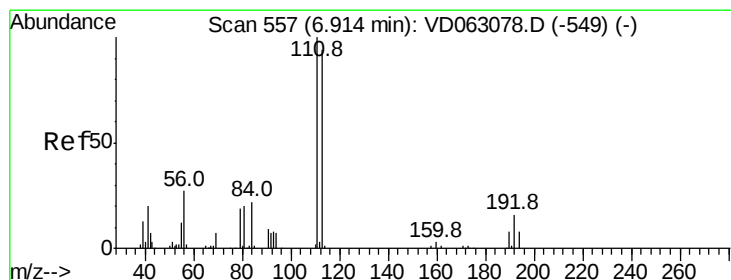
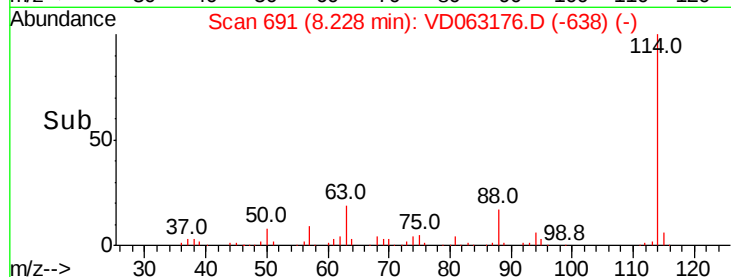
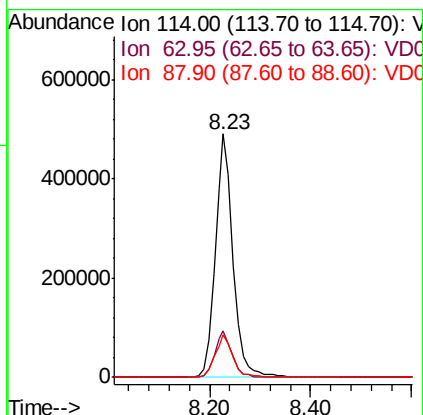
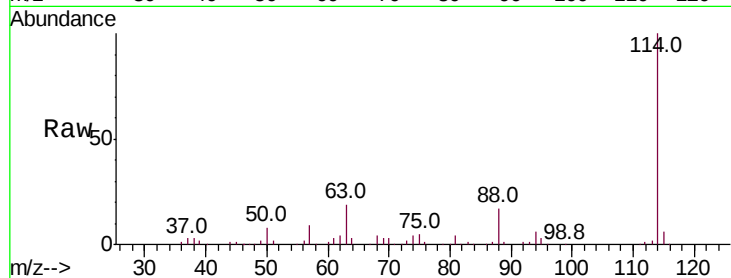




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063176.D
 Acq: 22 Jul 2019 14:52

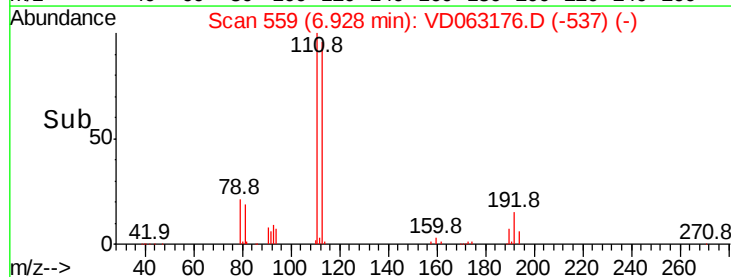
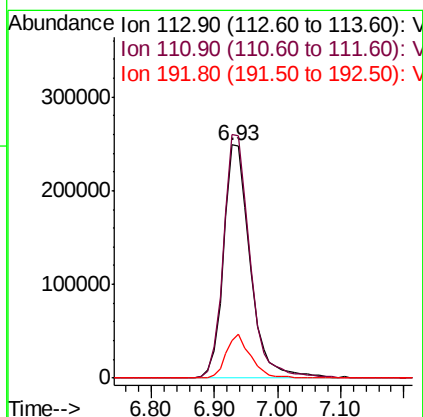
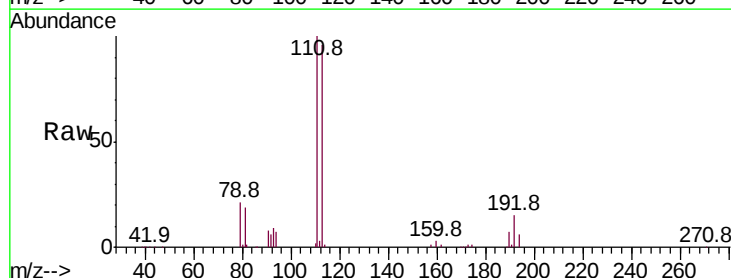
Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2

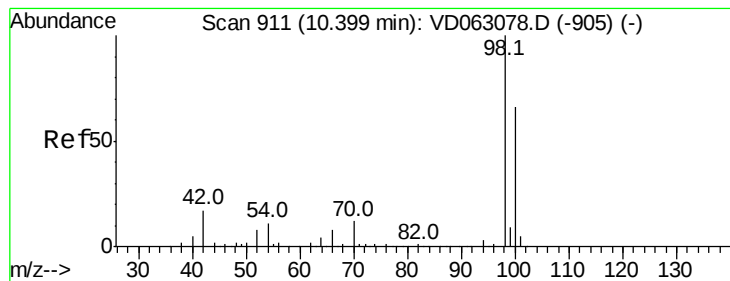
Tot Ion:114 Resp: 1201325
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 40.6
 88 17.3 0.0 32.6



#35
 Dibromofluoromethane
 Concen: 60.977 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. 0.01 min
 Lab File: VD063176.D
 Acq: 22 Jul 2019 14:52

Tgt Ion:113 Resp: 729623
 Ion Ratio Lower Upper
 113 100
 111 104.5 84.8 127.2
 192 16.1 13.4 20.0





#50

Toluene-d8

Concen: 57.037 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063176.D

Acq: 22 Jul 2019 14:52

Instrument :

MSVOA_D

ClientSampleId :

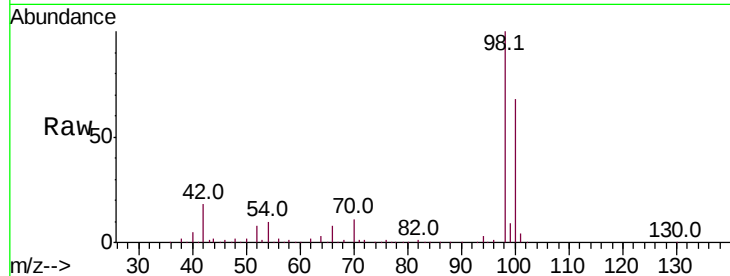
TP-2

Tot Ion: 98 Resp: 1465953

Ion Ratio Lower Upper

98 100

100 67.6 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

600000

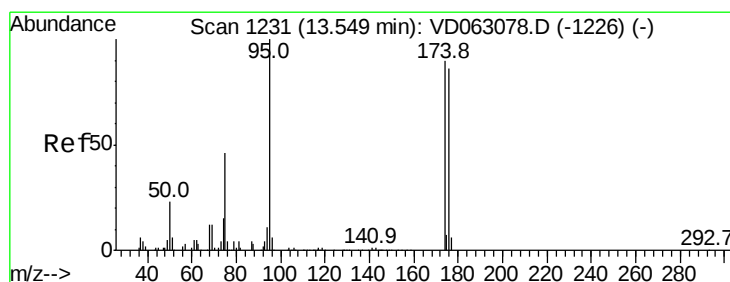
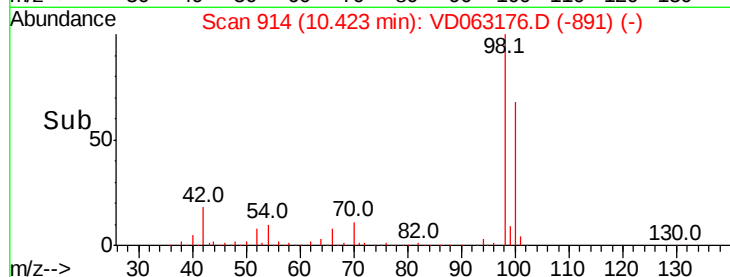
400000

200000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063176.D

Acq: 22 Jul 2019 14:52

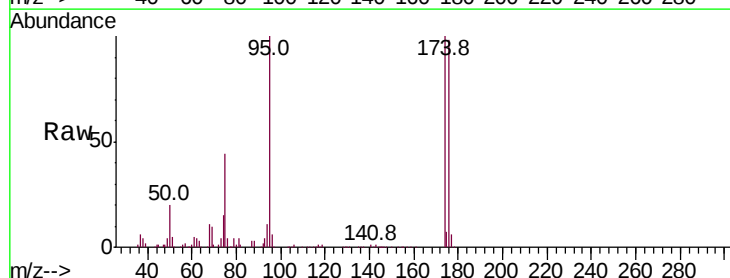
Tgt Ion: 95 Resp: 606148

Ion Ratio Lower Upper

95 100

174 99.9 0.0 180.6

176 98.4 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

600000

500000

400000

300000

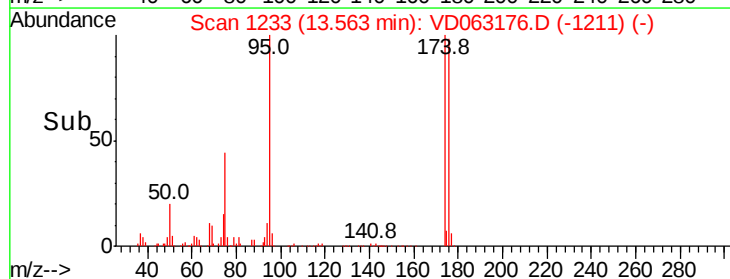
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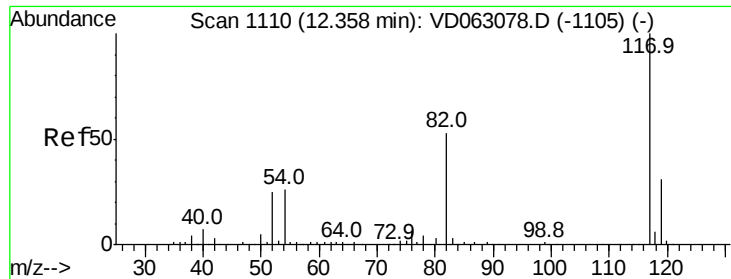
100000

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Time-->

13.50 13.60

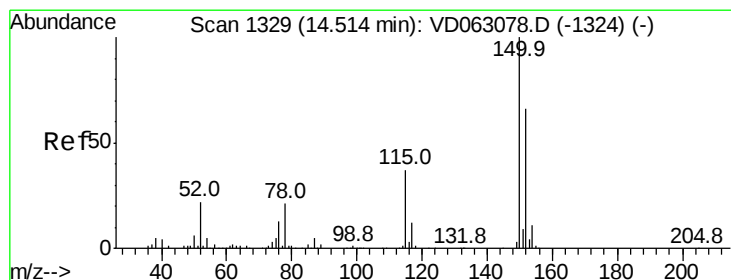
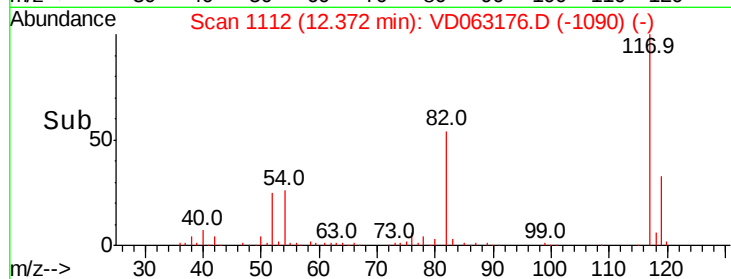
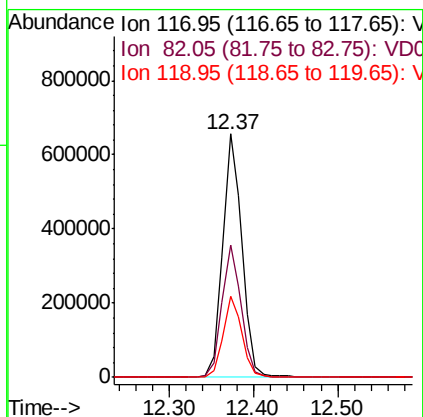
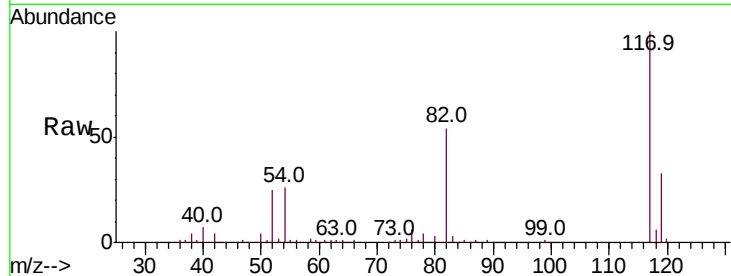




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063176.D
Acq: 22 Jul 2019 14:52

Instrument :
MSVOA_D
ClientSampled :
TP-2

Tot Ion:117 Resp: 1037689
Ion Ratio Lower Upper
117 100
82 54.1 42.3 63.5
119 33.1 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063176.D
Acq: 22 Jul 2019 14:52

Tgt Ion:152 Resp: 494035
Ion Ratio Lower Upper
152 100
115 54.0 28.9 86.8
150 154.3 0.0 313.8

