

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080719\
 Data File : VD063426.D
 Acq On : 7 Aug 2019 18:18
 Operator : JC/SY
 Sample : K4219-07RE
 Misc : 5.79g/5ml/MSVOA D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 355-35-76RE

Quant Time: Aug 08 08:33:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072919S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:04:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	853807	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.23	114	1230253	50.00	ug/l	0.02
63) Chlorobenzene-d5	12.37	117	1009281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.53	152	535511	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	503605	53.16	ug/l	0.02
Spiked Amount	50.000		Recovery	=	106.32%	
35) Dibromofluoromethane	6.94	113	538593	51.28	ug/l	0.03
Spiked Amount	50.000		Recovery	=	102.56%	
50) Toluene-d8	10.42	98	1122723	47.76	ug/l	0.02
Spiked Amount	50.000		Recovery	=	95.52%	
62) 4-Bromofluorobenzene	13.56	95	473251	44.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.36%	

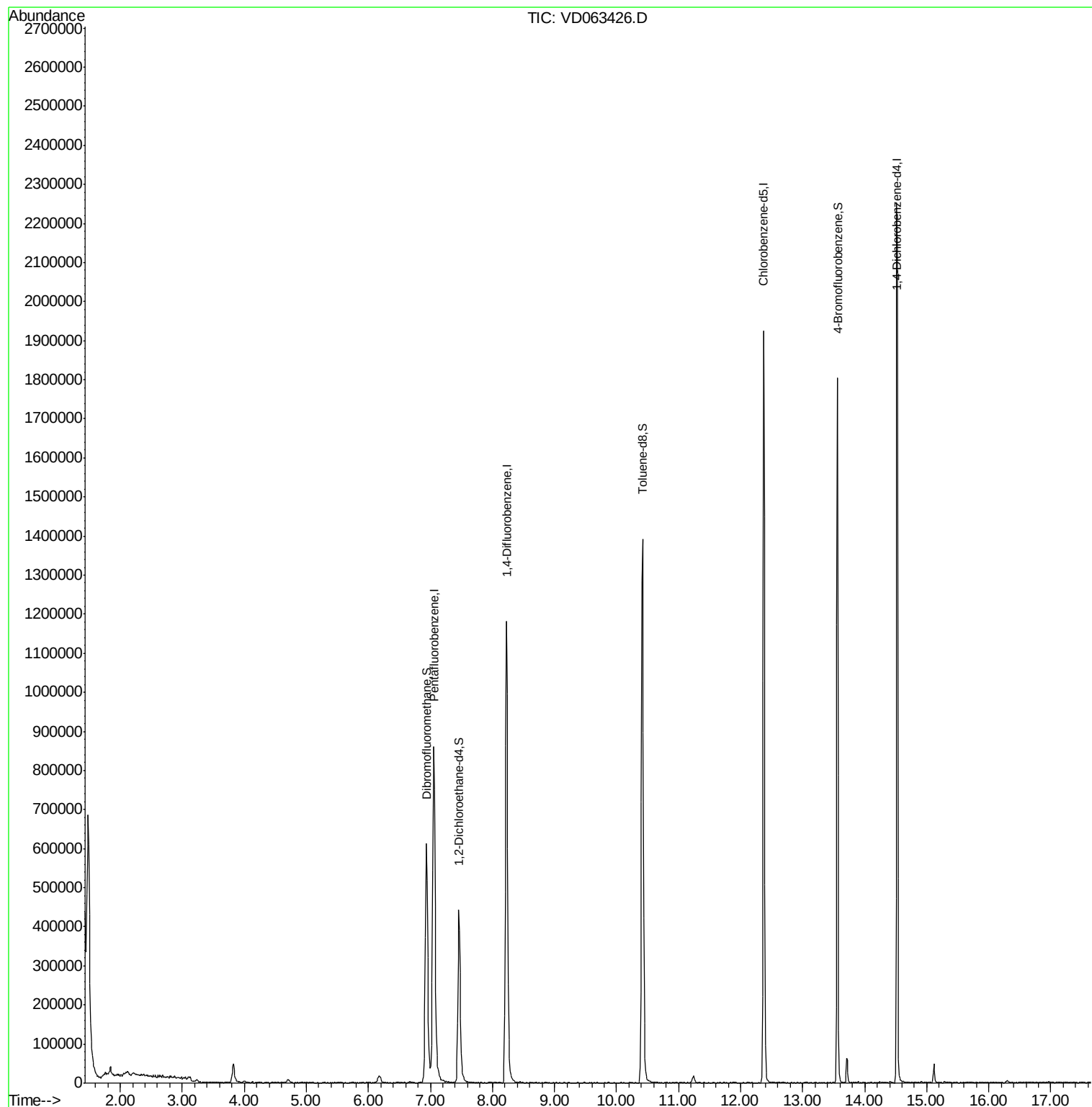
Target Compounds	Qvalue

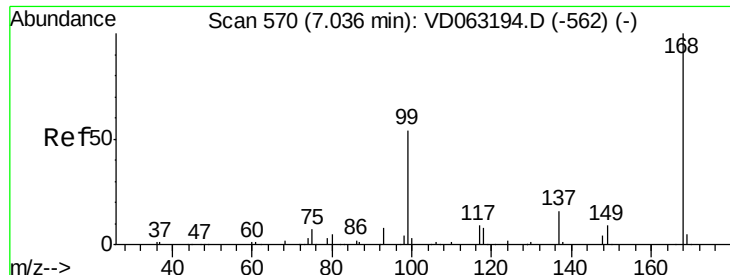
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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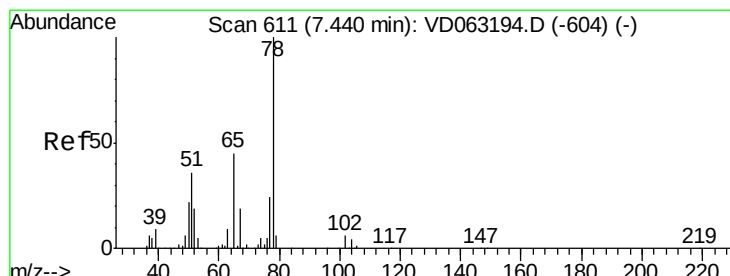
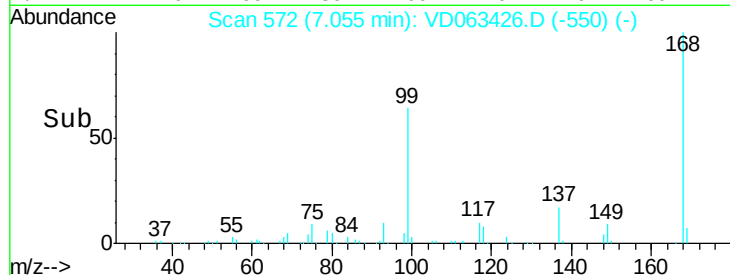
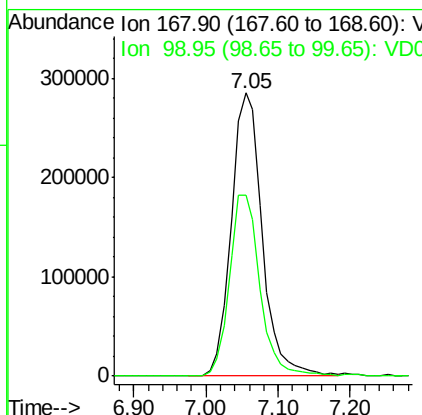
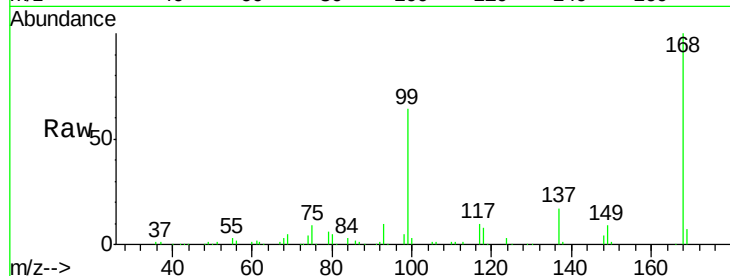




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.05 min Scan# 572
Delta R.T. 0.02 min
Lab File: VD063426.D
Acq: 7 Aug 2019 18:18

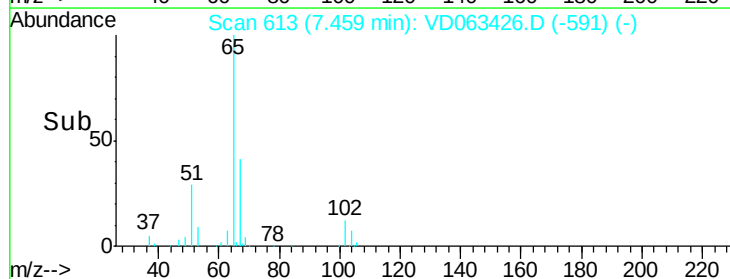
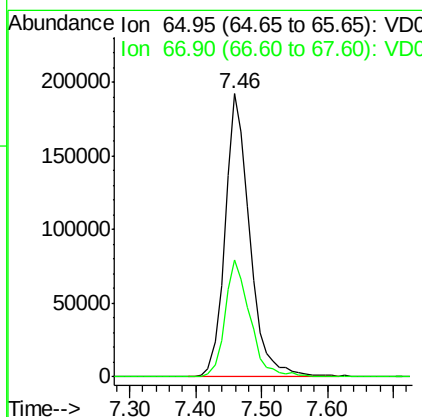
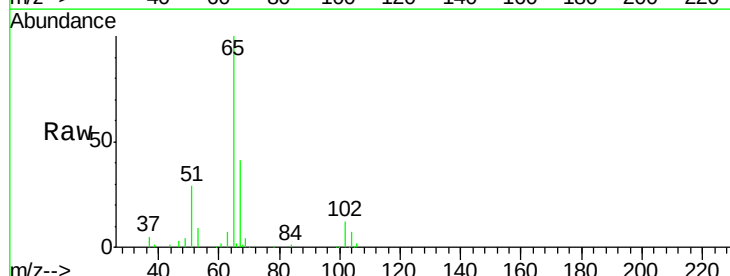
Instrument :
MSVOA_D
ClientSampleId :
355-35-76RE

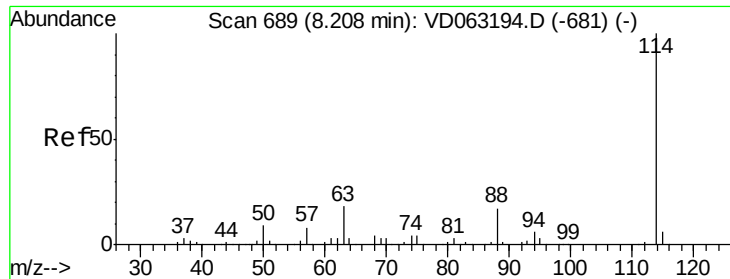
Tot Ion:168 Resp: 853807
Ion Ratio Lower Upper
168 100
99 63.9 43.7 65.5



#33
1,2-Dichloroethane-d4
Concen: 53.158 ug/l
RT: 7.46 min Scan# 613
Delta R.T. 0.02 min
Lab File: VD063426.D
Acq: 7 Aug 2019 18:18

Tgt Ion: 65 Resp: 503605
Ion Ratio Lower Upper
65 100
67 41.2 0.0 85.8

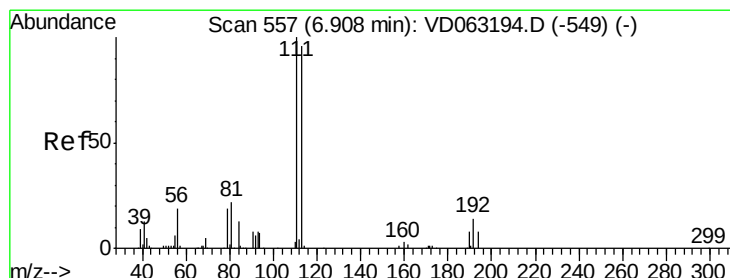
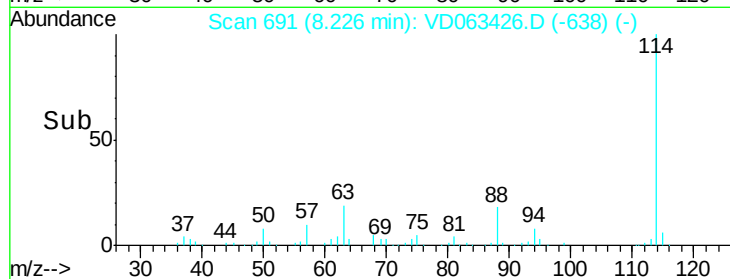
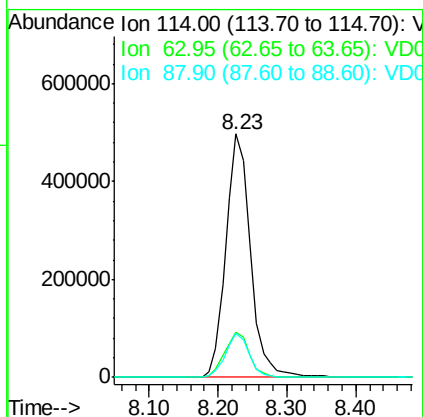
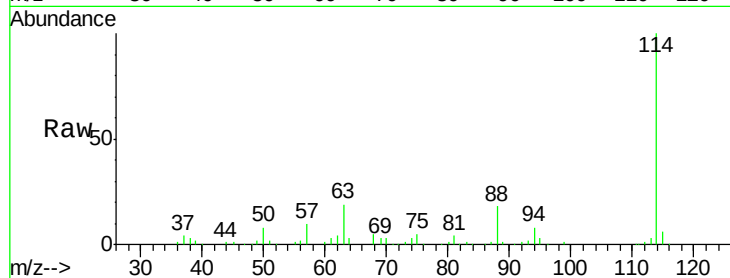




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.23 min Scan# 691
 Delta R.T. 0.02 min
 Lab File: VD063426.D
 Acq: 7 Aug 2019 18:18

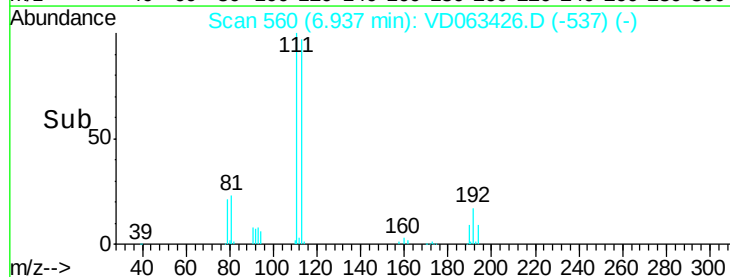
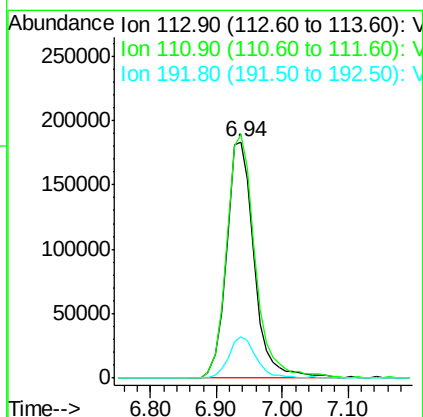
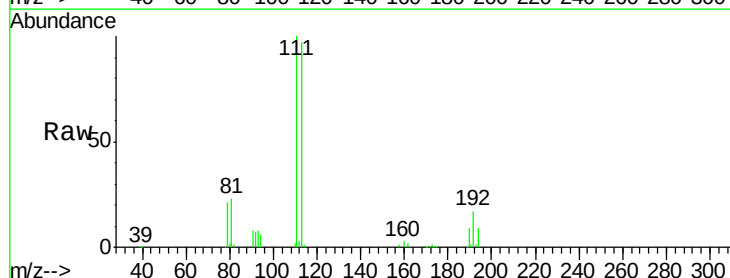
Instrument :
 MSVOA_D
 ClientSampleId :
 355-35-76RE

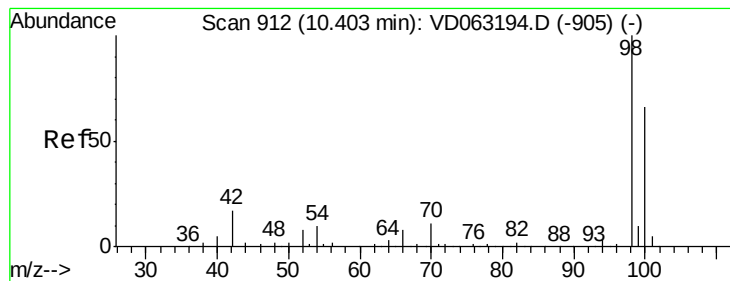
Tot Ion:114 Resp: 1230253
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 35.2
 88 17.8 0.0 34.6



#35
 Dibromofluoromethane
 Concen: 51.276 ug/l
 RT: 6.94 min Scan# 560
 Delta R.T. 0.03 min
 Lab File: VD063426.D
 Acq: 7 Aug 2019 18:18

Tgt Ion:113 Resp: 538593
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.2 124.8
 192 17.4 11.8 17.8





#50

Toluene-d8

Concen: 47.761 ug/l

RT: 10.42 min Scan# 914

Delta R.T. 0.02 min

Lab File: VD063426.D

Acq: 7 Aug 2019 18:18

Instrument :

MSVOA_D

ClientSampleId :

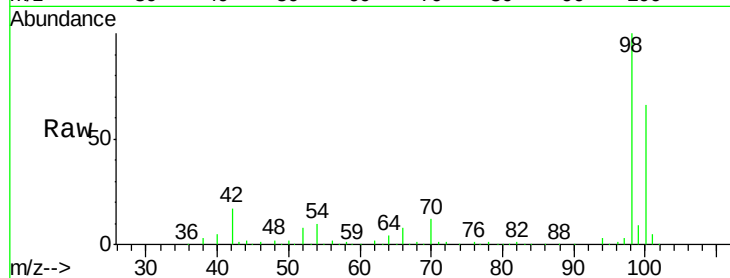
355-35-76RE

Tot Ion: 98 Resp: 1122723

Ion Ratio Lower Upper

98 100

100 66.2 53.2 79.8



Abundance Ion 98.05 (97.75 to 98.75): VDC

Ion 100.05 (99.75 to 100.75): VDC

10.42

500000

400000

300000

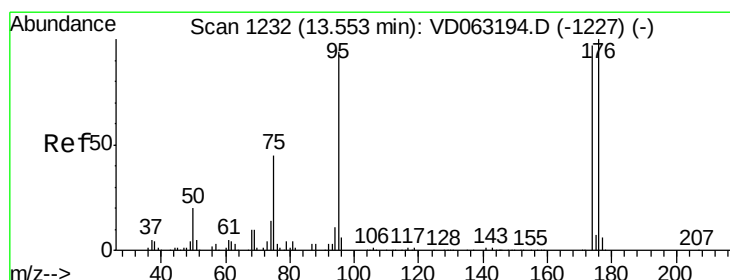
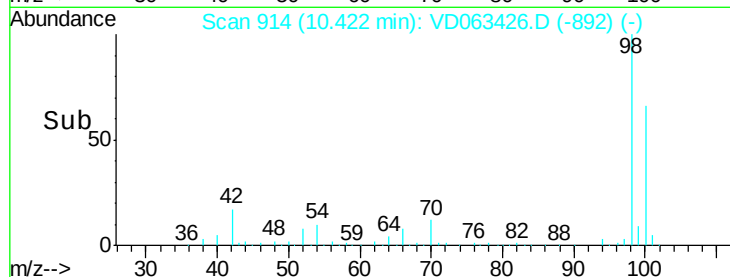
200000

100000

0

Time-->

10.30 10.40 10.50 10.60



#62

4-Bromofluorobenzene

Concen: 44.179 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD063426.D

Acq: 7 Aug 2019 18:18

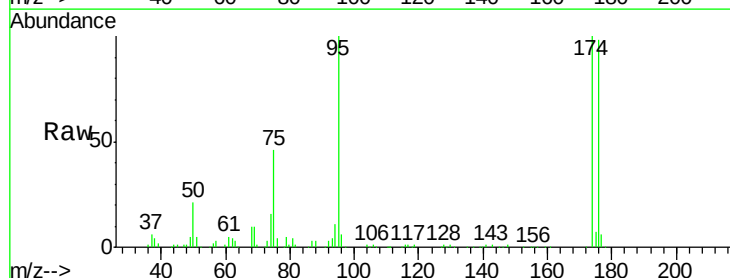
Tgt Ion: 95 Resp: 473251

Ion Ratio Lower Upper

95 100

174 100.1 0.0 205.4

176 98.3 0.0 211.8



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

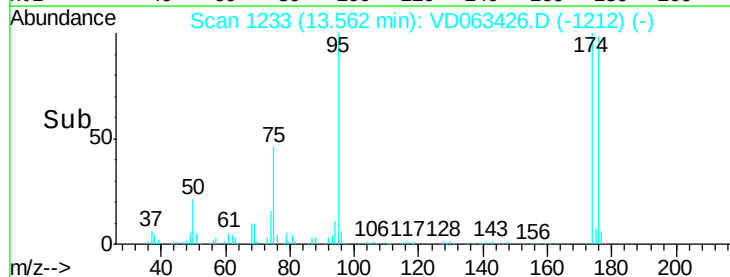
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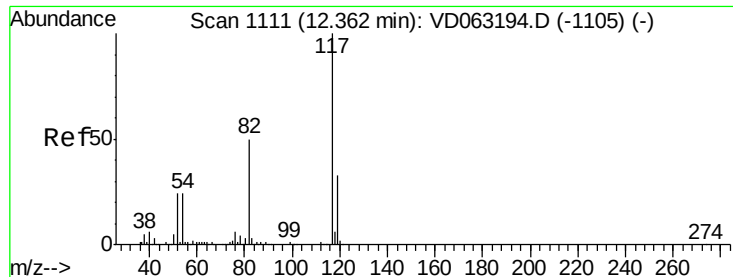
100000

0

Time-->

13.50 13.60

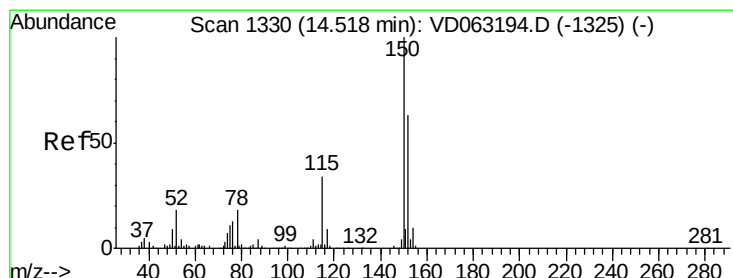
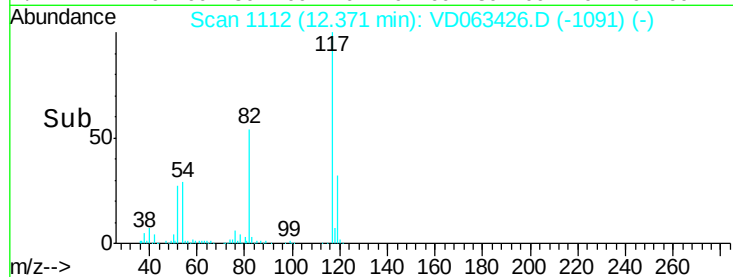
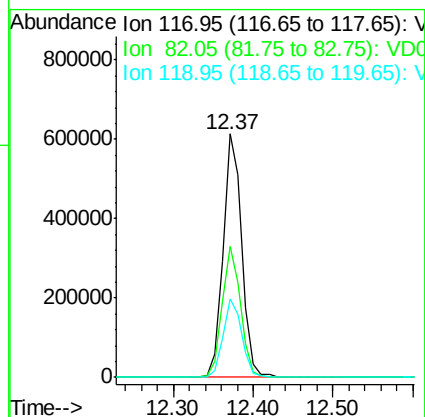
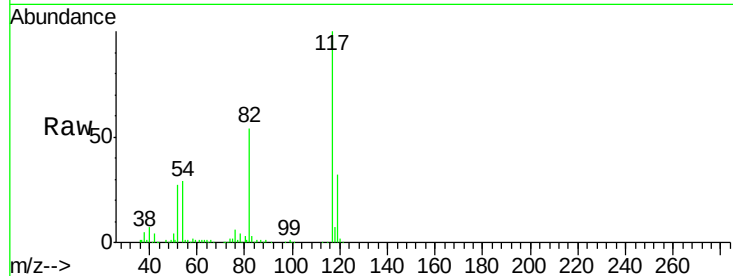




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD063426.D
Acq: 7 Aug 2019 18:18

Instrument :
MSVOA_D
ClientSampleId :
355-35-76RE

Tot Ion:117 Resp: 1009281
Ion Ratio Lower Upper
117 100
82 53.6 40.1 60.1
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.53 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD063426.D
Acq: 7 Aug 2019 18:18

Tgt Ion:152 Resp: 535511
Ion Ratio Lower Upper
152 100
115 54.3 27.5 82.4
150 154.0 0.0 320.6

