

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063126.D
 Acq On : 17 Jul 2019 12:48
 Operator : VA/AP
 Sample : K3622-05
 Misc : 6.17g/5ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-071519-A

Quant Time: Jul 18 07:17:32 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	832580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1111502	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	835859	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	310960	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	421255	40.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.24%	
35) Dibromofluoromethane	6.92	113	444627	40.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.32%	
50) Toluene-d8	10.40	98	933478	39.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	78.50%	
62) 4-Bromofluorobenzene	13.55	95	343984	31.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	62.54%	

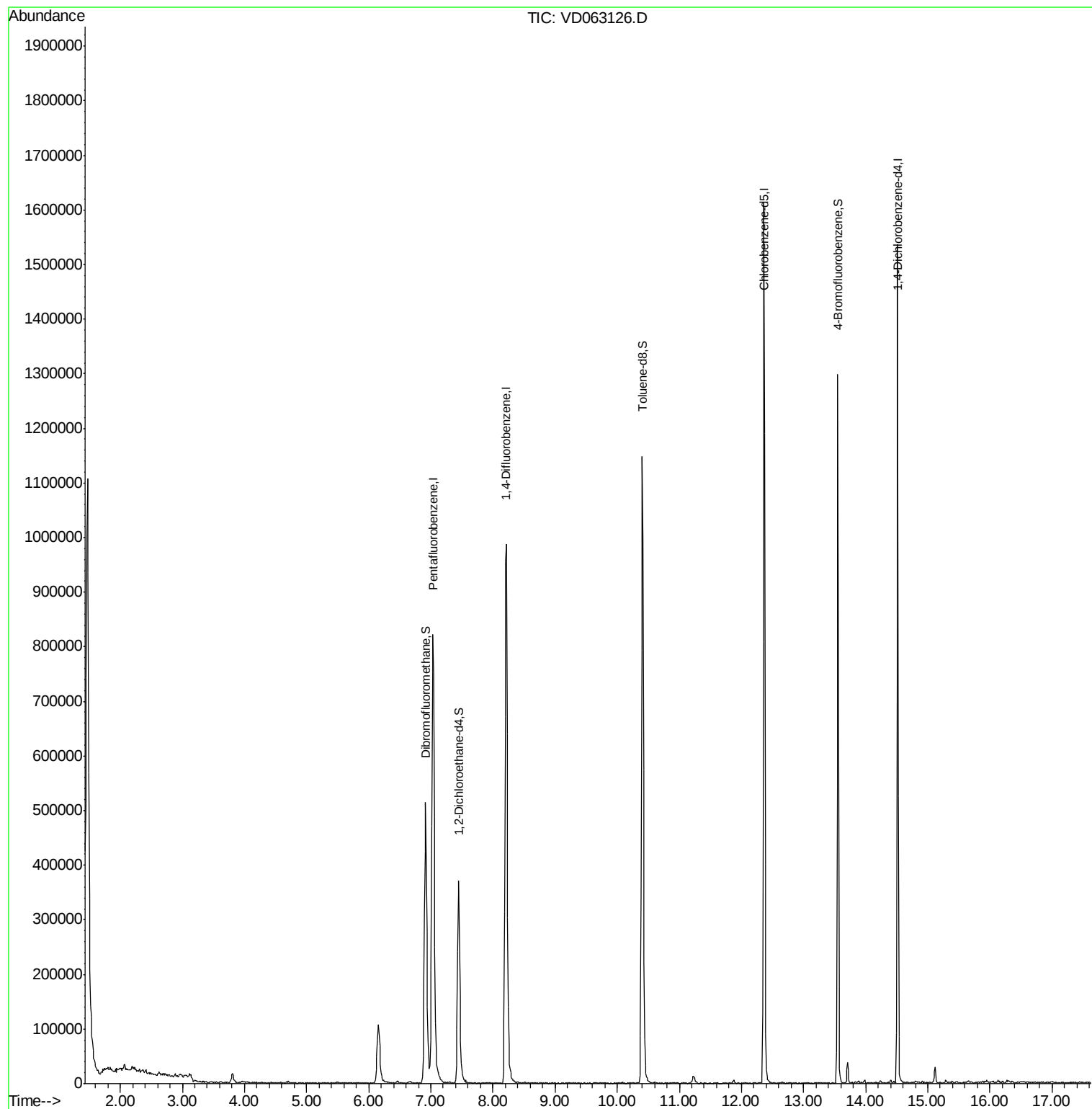
Target Compounds	Qvalue
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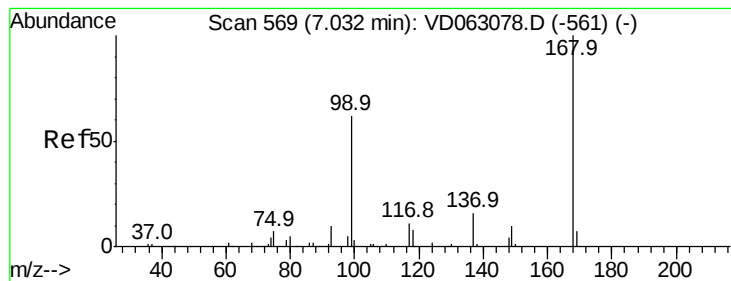
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.00 min

Lab File: VD063126.D

Acq: 17 Jul 2019 12:48

Instrument :

MSVOA_D

ClientSampleId :

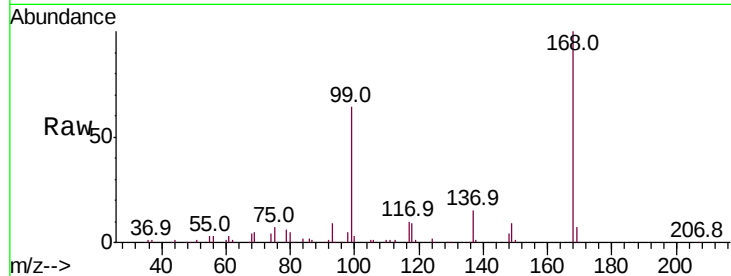
OR-03-071519-A

Tot Ion:168 Resp: 832580

Ion Ratio Lower Upper

168 100

99 63.6 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

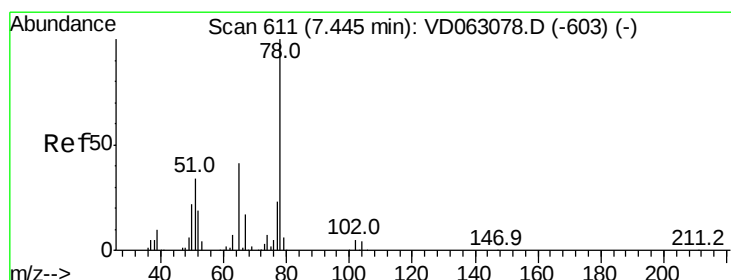
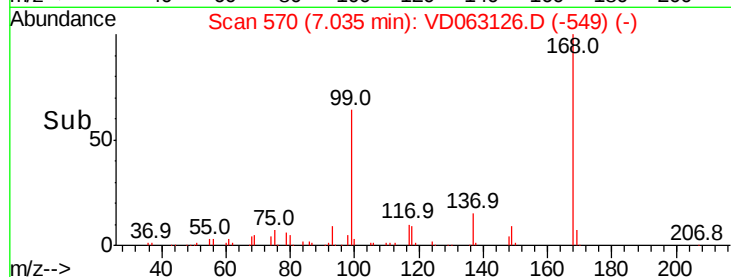
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 40.617 ug/l

RT: 7.45 min Scan# 612

Delta R.T. 0.00 min

Lab File: VD063126.D

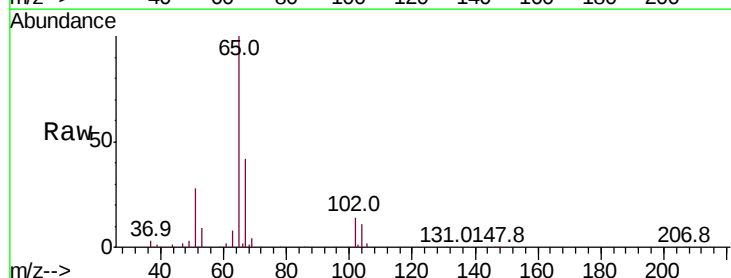
Acq: 17 Jul 2019 12:48

Tgt Ion: 65 Resp: 421255

Ion Ratio Lower Upper

65 100

67 41.8 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.45

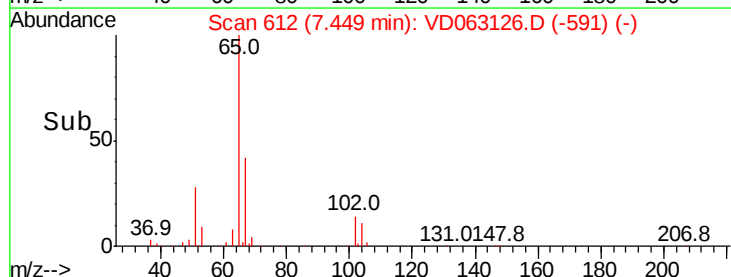
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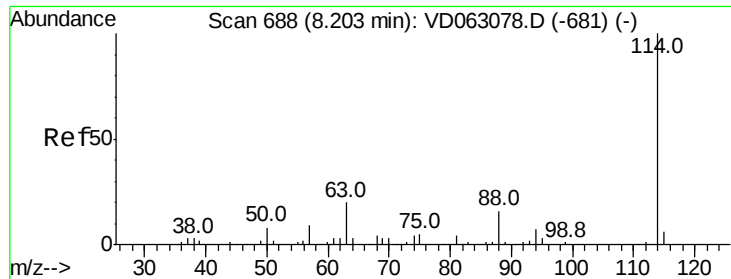
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50000

0

Time-->

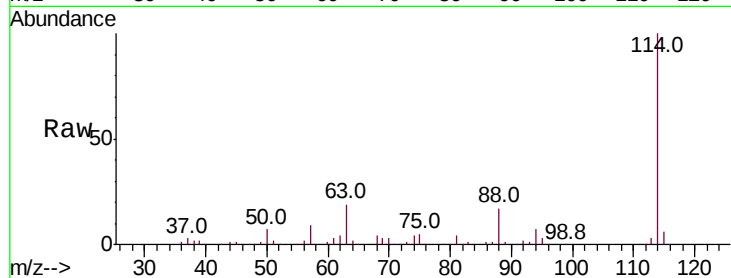




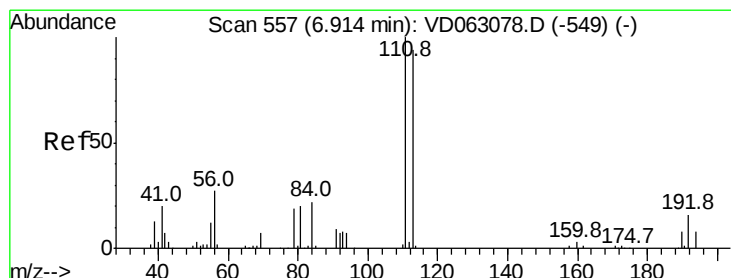
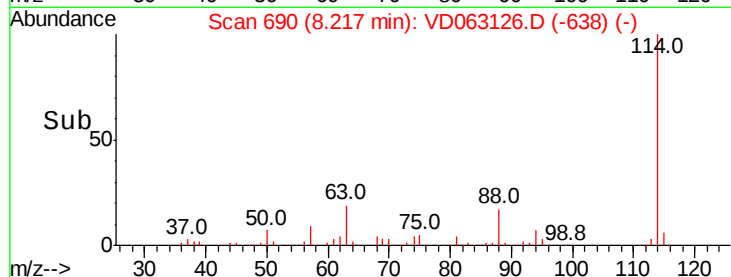
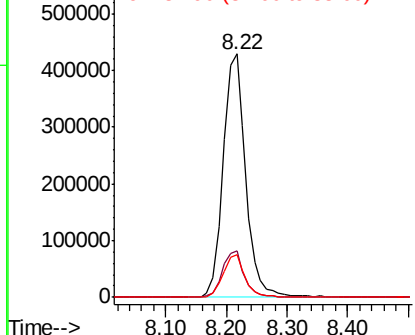
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: VD063126.D
 Acq: 17 Jul 2019 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-071519-A

Tot Ion:114 Resp: 1111502
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 40.6
 88 17.3 0.0 32.6

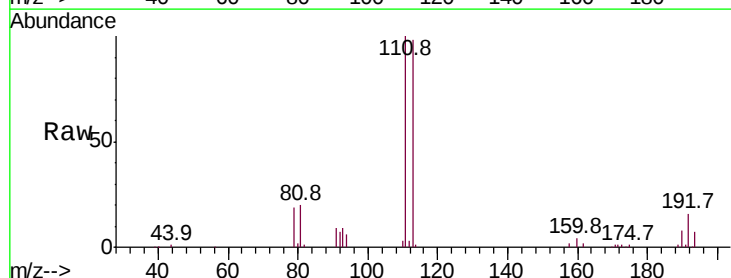


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

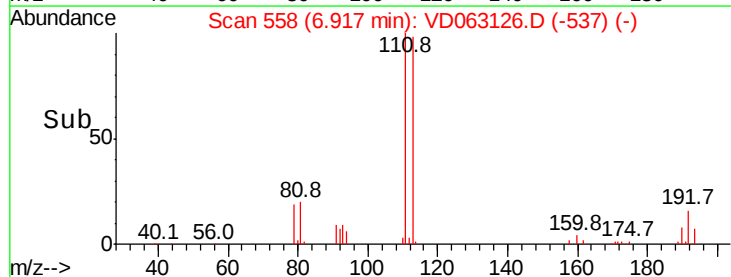
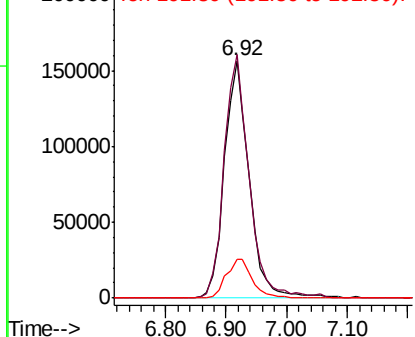


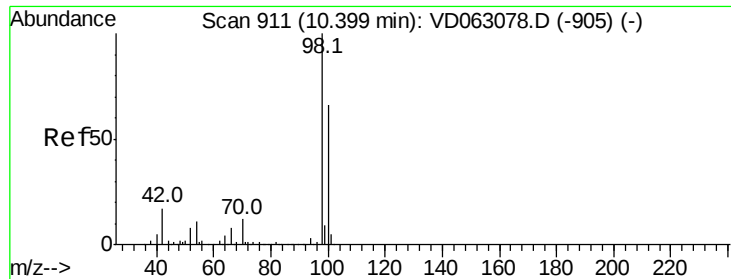
#35
 Dibromofluoromethane
 Concen: 40.162 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063126.D
 Acq: 17 Jul 2019 12:48

Tgt Ion:113 Resp: 444627
 Ion Ratio Lower Upper
 113 100
 111 102.4 84.8 127.2
 192 16.5 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

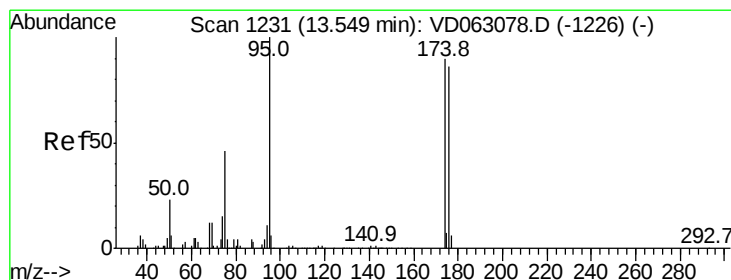
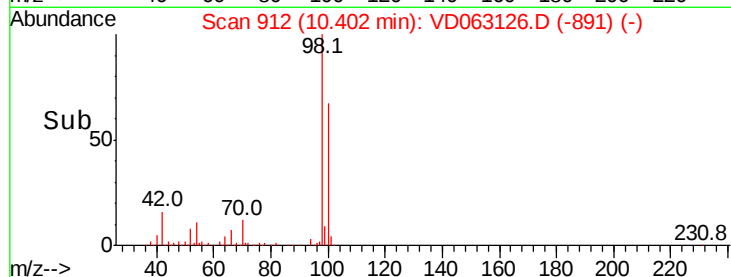
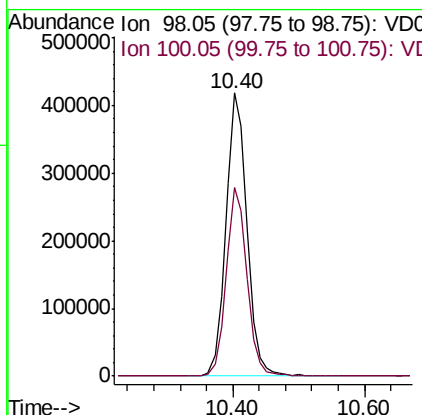
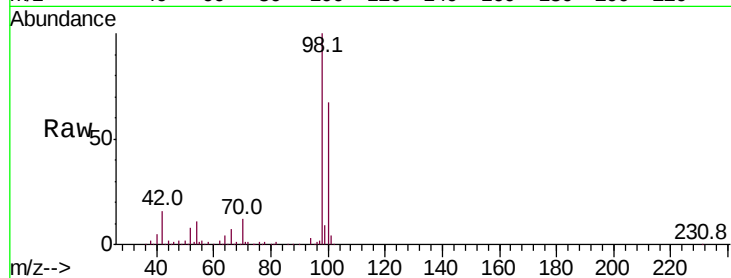




#50
Toluene-d8
Concen: 39.254 ug/l
RT: 10.40 min Scan# 912
Delta R.T. 0.00 min
Lab File: VD063126.D
Acq: 17 Jul 2019 12:48

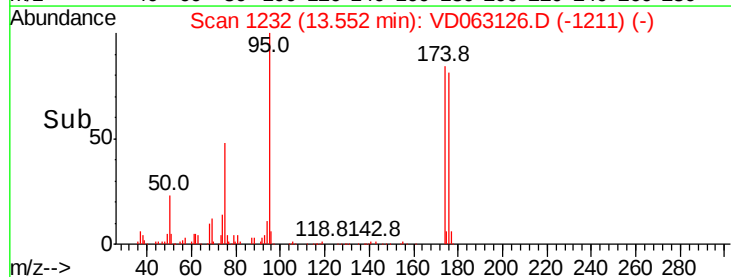
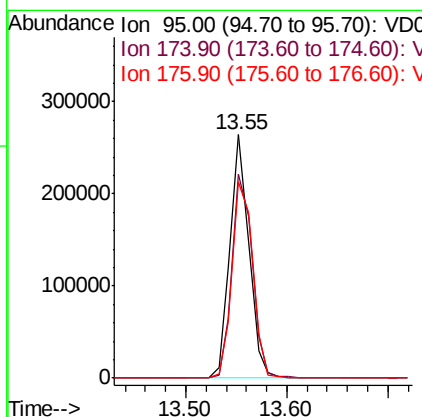
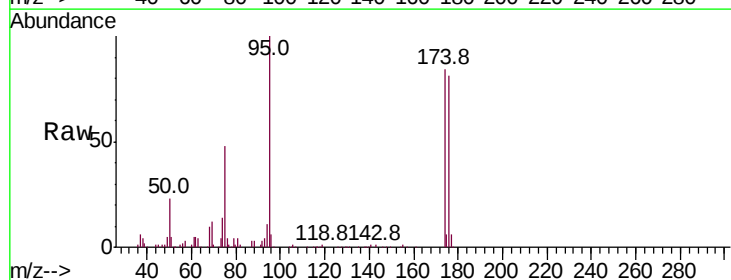
Instrument :
MSVOA_D
ClientSampleId :
OR-03-071519-A

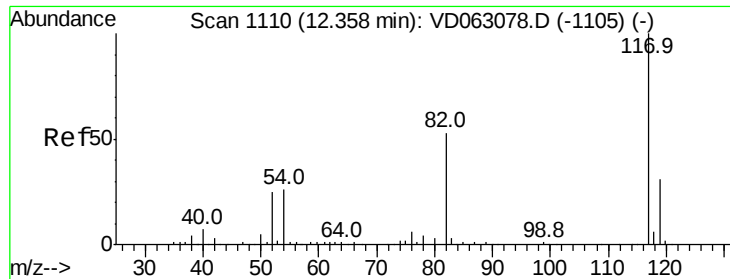
Tot Ion: 98 Resp: 933478
Ion Ratio Lower Upper
98 100
100 66.8 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 31.267 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063126.D
Acq: 17 Jul 2019 12:48

Tgt Ion: 95 Resp: 343984
Ion Ratio Lower Upper
95 100
174 83.8 0.0 180.6
176 80.7 0.0 172.2

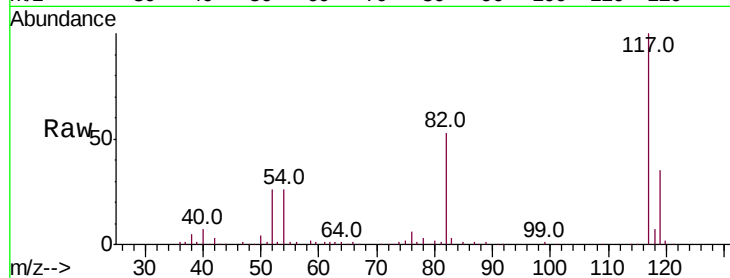




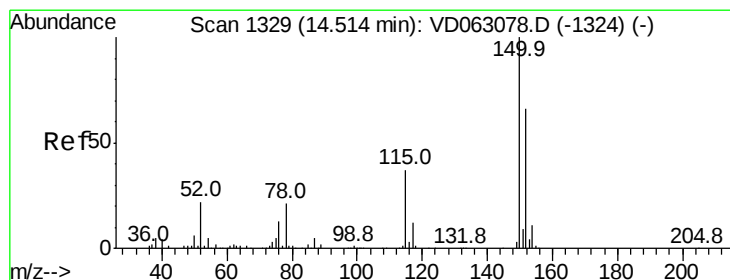
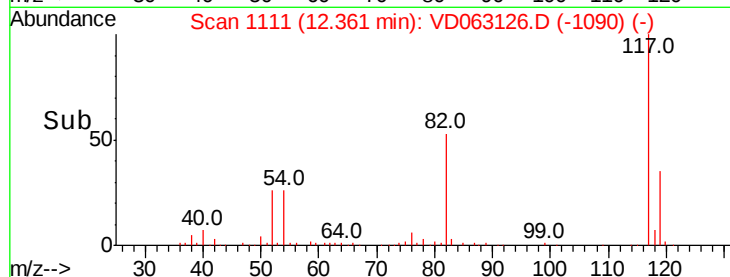
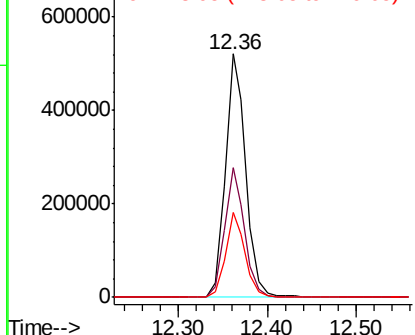
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063126.D
Acq: 17 Jul 2019 12:48

Instrument :
MSVOA_D
ClientSampleId :
OR-03-071519-A

Tot Ion:117 Resp: 835859
Ion Ratio Lower Upper
117 100
82 53.0 42.3 63.5
119 34.7 25.2 37.8

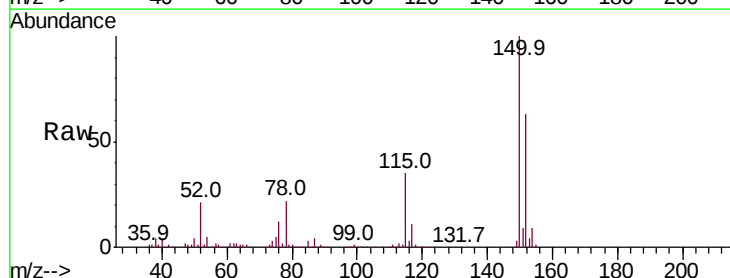


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.00 min
Lab File: VD063126.D
Acq: 17 Jul 2019 12:48

Tgt Ion:152 Resp: 310960
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.8
150 158.3 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

