

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081519\
 Data File : VD063620.D
 Acq On : 15 Aug 2019 21:55
 Operator : JC/SY
 Sample : K4355-01
 Misc : 5.42g/5ml/MSVOA D/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-200057-200054

Quant Time: Aug 16 01:28:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080919S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 10 06:42:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	832470	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.21	114	1100383	50.00	ug/l	-0.03
63) Chlorobenzene-d5	12.36	117	890074	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	446545	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.44	65	526498	59.17	ug/l	-0.03
Spiked Amount						
			Recovery	=	118.34%	
35) Dibromofluoromethane	6.92	113	597023	64.42	ug/l	-0.02
Spiked Amount						
			Recovery	=	128.84%	
50) Toluene-d8	10.40	98	1204768	59.13	ug/l	-0.02
Spiked Amount						
			Recovery	=	118.26%	
62) 4-Bromofluorobenzene	13.55	95	530960	57.50	ug/l	0.00
Spiked Amount						
			Recovery	=	115.00%	

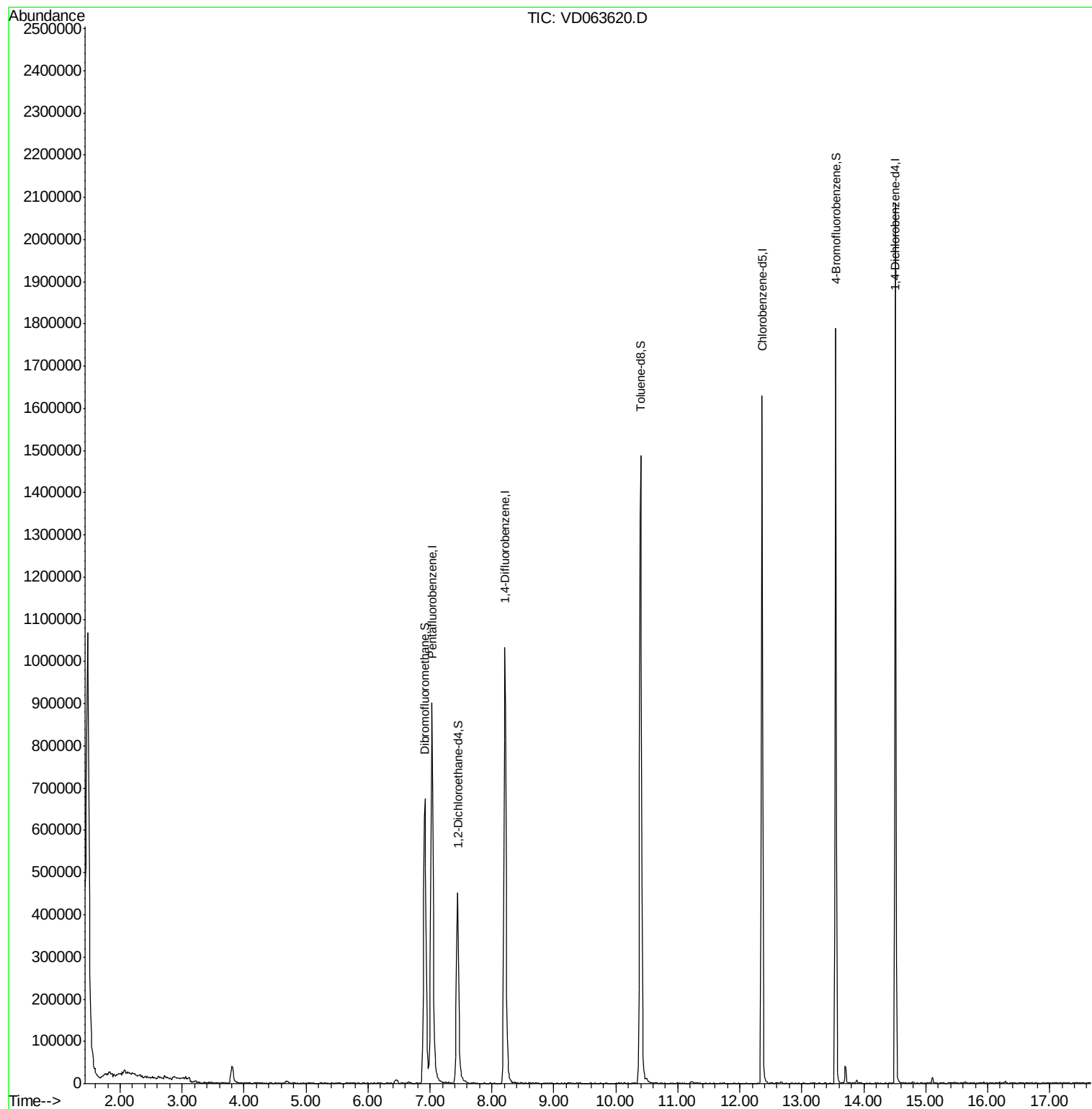
Target Compounds	Qvalue
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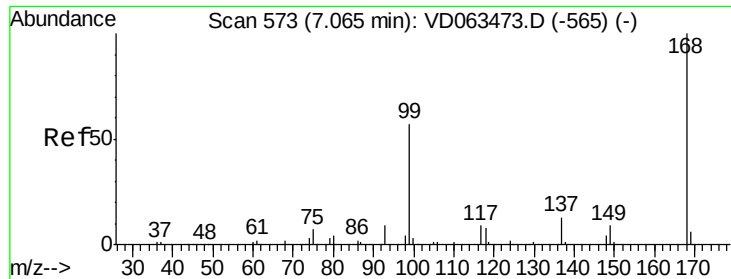
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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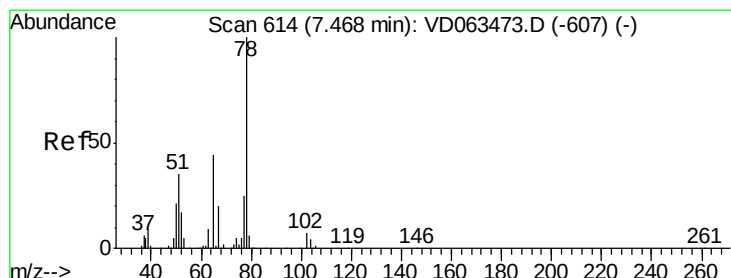
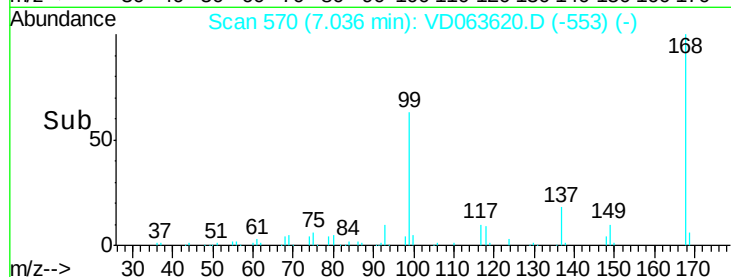
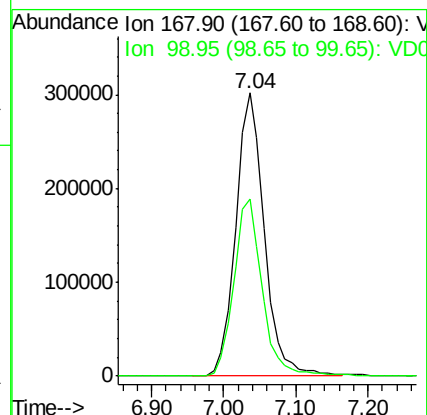
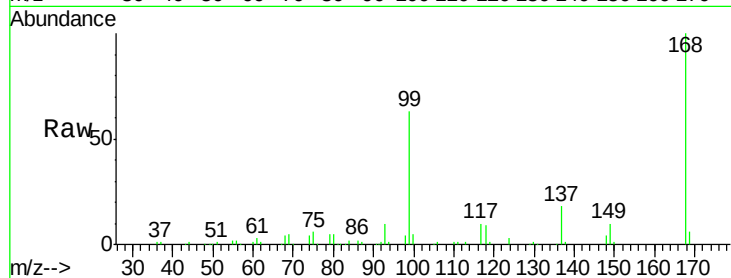




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. -0.03 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

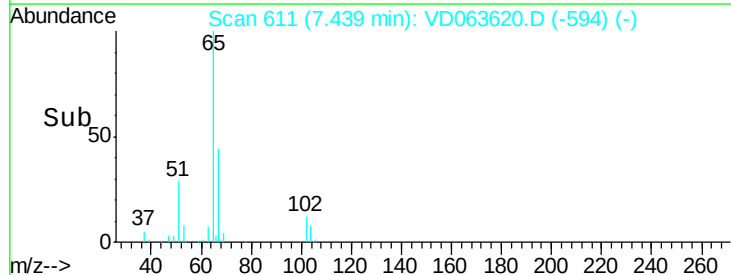
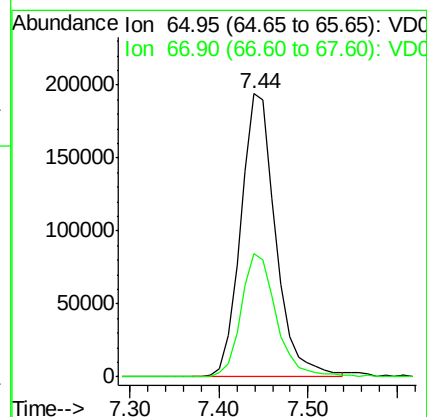
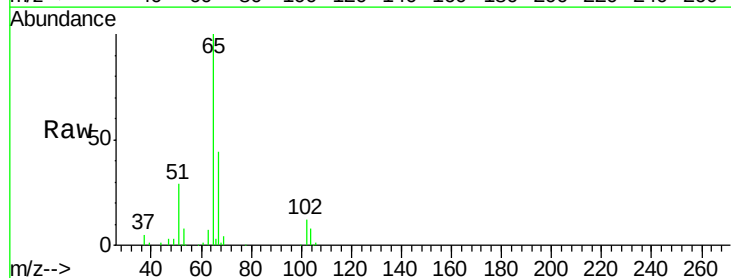
Instrument :
MSVOA_D
ClientSampleId :
RBR-200057-200054

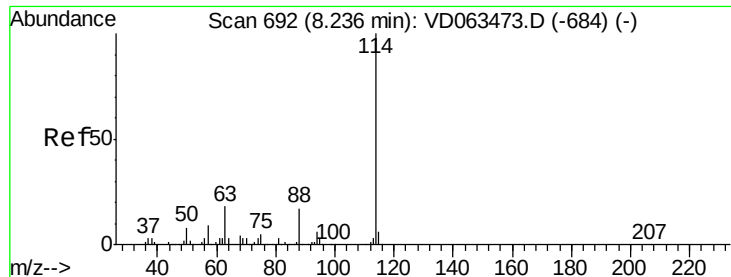
Tot Ion:168 Resp: 832470
Ion Ratio Lower Upper
168 100
99 62.7 46.7 70.1



#33
1,2-Dichloroethane-d4
Concen: 59.167 ug/l
RT: 7.44 min Scan# 611
Delta R.T. -0.03 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

Tgt Ion: 65 Resp: 526498
Ion Ratio Lower Upper
65 100
67 43.7 0.0 89.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. -0.03 min

Lab File: VD063620.D

Acq: 15 Aug 2019 21:55

Instrument :

MSVOA_D

ClientSampleId :

RBR-200057-200054

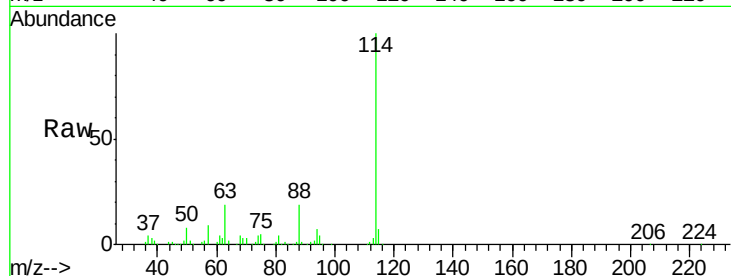
Tot Ion:114 Resp: 1100383

Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.2

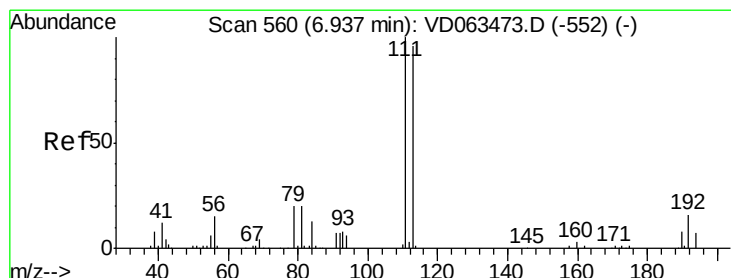
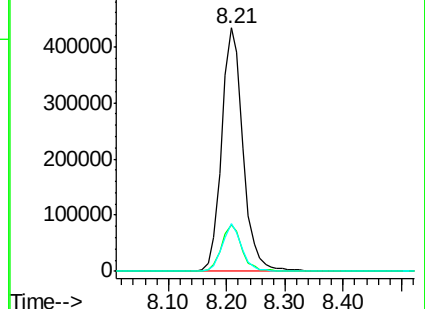
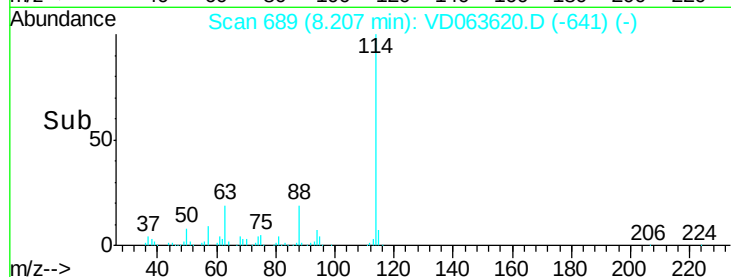
88 19.4 0.0 35.0



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: 64.421 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.02 min

Lab File: VD063620.D

Acq: 15 Aug 2019 21:55

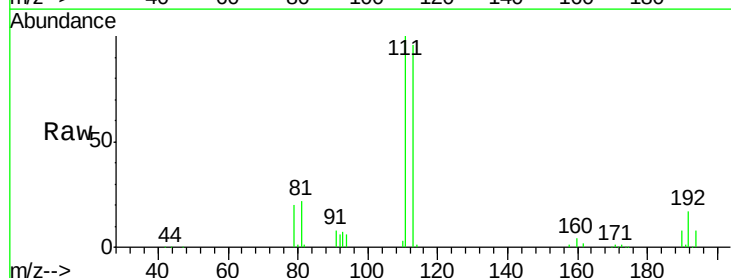
Tgt Ion:113 Resp: 597023

Ion Ratio Lower Upper

113 100

111 103.7 83.1 124.7

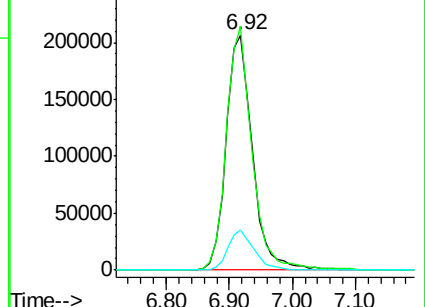
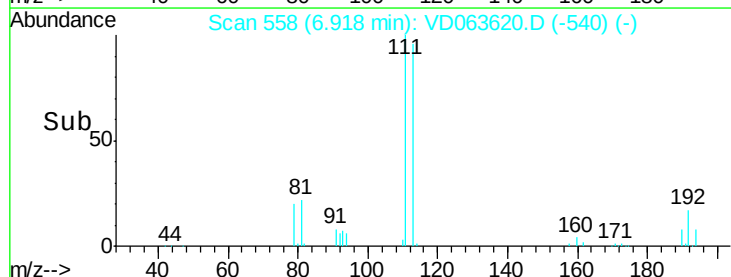
192 17.1 13.1 19.7

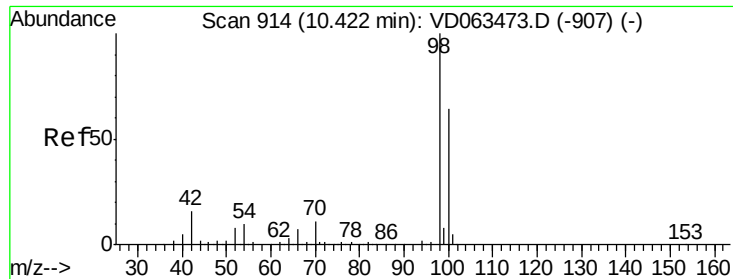


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

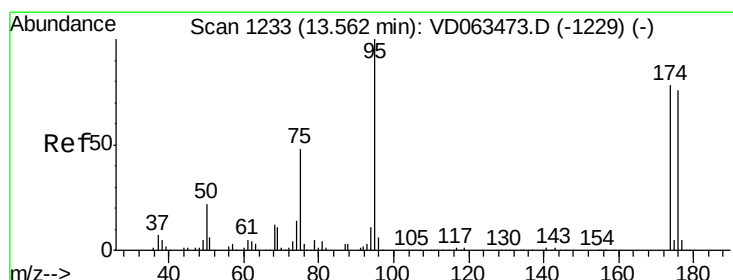
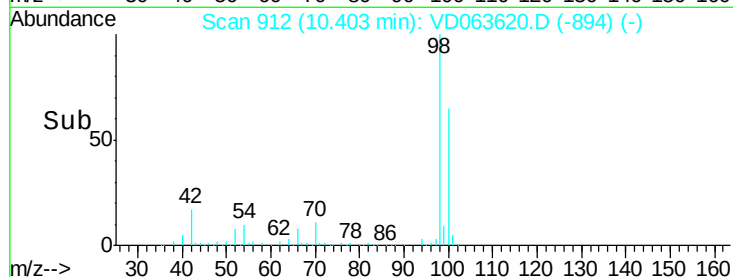
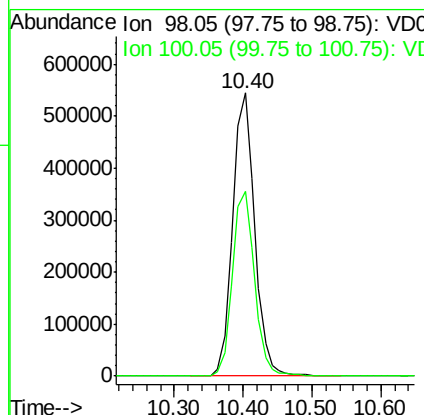
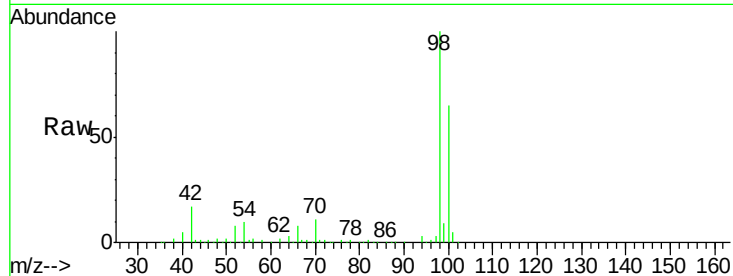




#50
Toluene-d8
Concen: 59.130 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

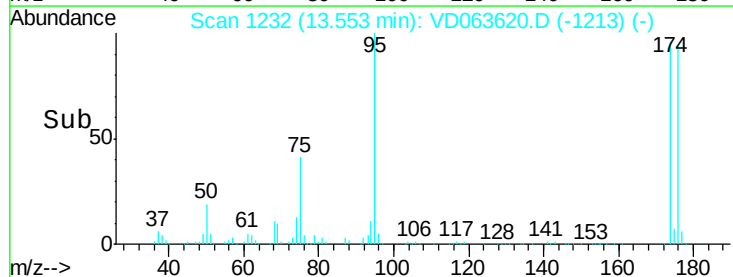
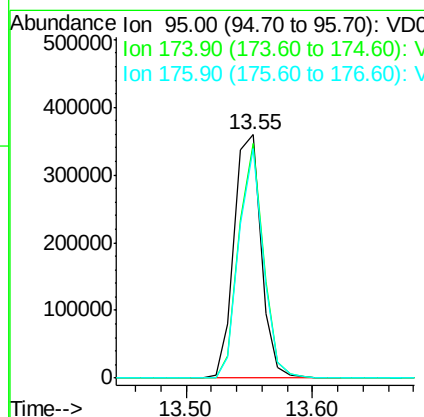
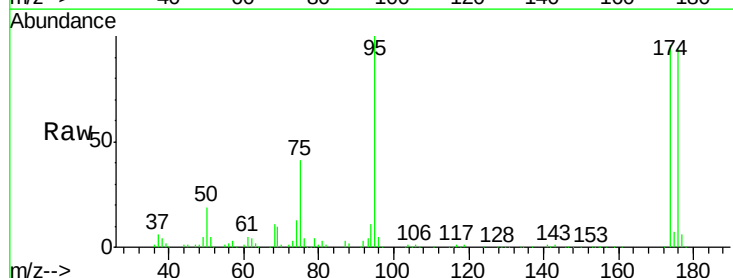
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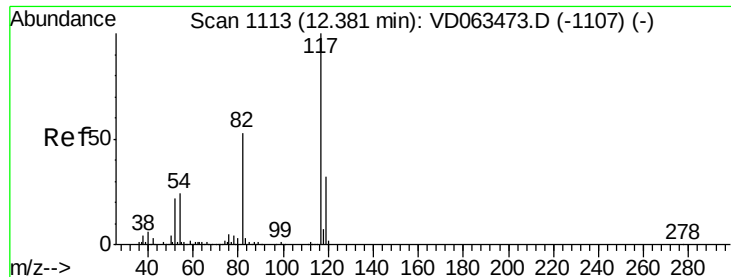
Tot Ion: 98 Resp: 1204768
Ion Ratio Lower Upper
98 100
100 65.5 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 57.495 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.01 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

Tgt Ion: 95 Resp: 530960
Ion Ratio Lower Upper
95 100
174 96.3 0.0 155.4
176 94.1 0.0 152.4

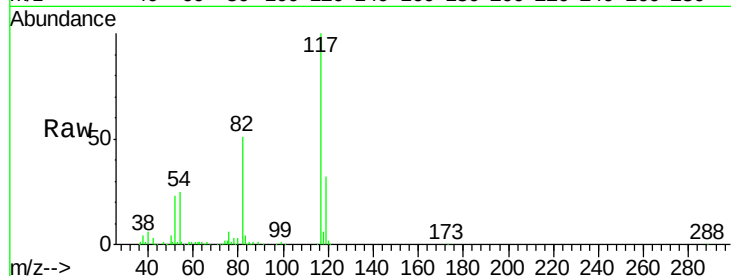




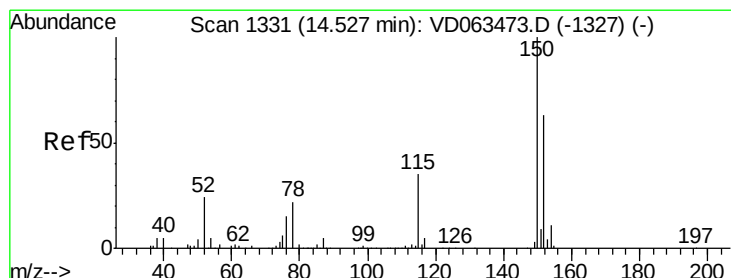
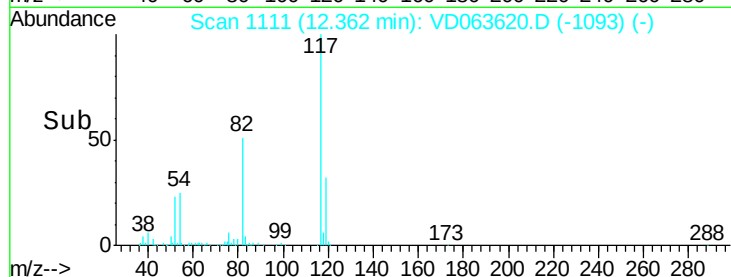
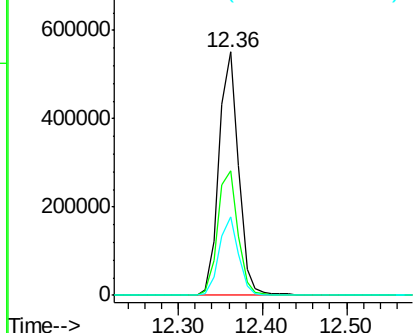
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.02 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

Instrument :
MSVOA_D
ClientSampleId :
RBR-200057-200054

Tot Ion:117 Resp: 890074
Ion Ratio Lower Upper
117 100
82 51.0 42.0 63.0
119 32.1 25.4 38.0

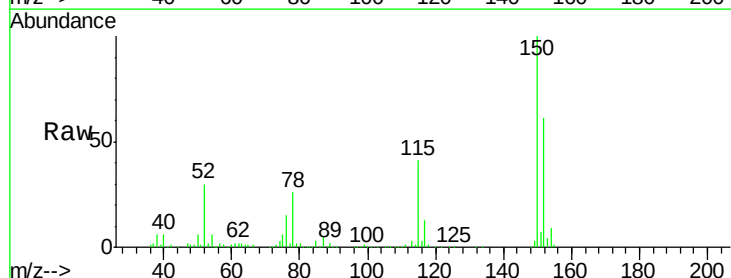


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.02 min
Lab File: VD063620.D
Acq: 15 Aug 2019 21:55

Tgt Ion:152 Resp: 446545
Ion Ratio Lower Upper
152 100
115 67.0 30.9 92.7
150 163.6 0.0 318.6



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

