

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063133.D
 Acq On : 17 Jul 2019 16:02
 Operator : VA/AP
 Sample : K3852-03
 Misc : 4.85g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 COMP-3_071619

Quant Time: Jul 18 07:50:36 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	823883	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	1127241	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	753662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	304929	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.45	65	364464	35.51	ug/l	0.00
Spiked Amount			Recovery	=	71.02%	
35) Dibromofluoromethane	6.92	113	404904	36.06	ug/l	0.00
Spiked Amount			Recovery	=	72.12%	
50) Toluene-d8	10.41	98	843705	34.98	ug/l	0.00
Spiked Amount			Recovery	=	69.96%	
62) 4-Bromofluorobenzene	13.56	95	293315	26.29	ug/l	0.00
Spiked Amount			Recovery	=	52.58%	

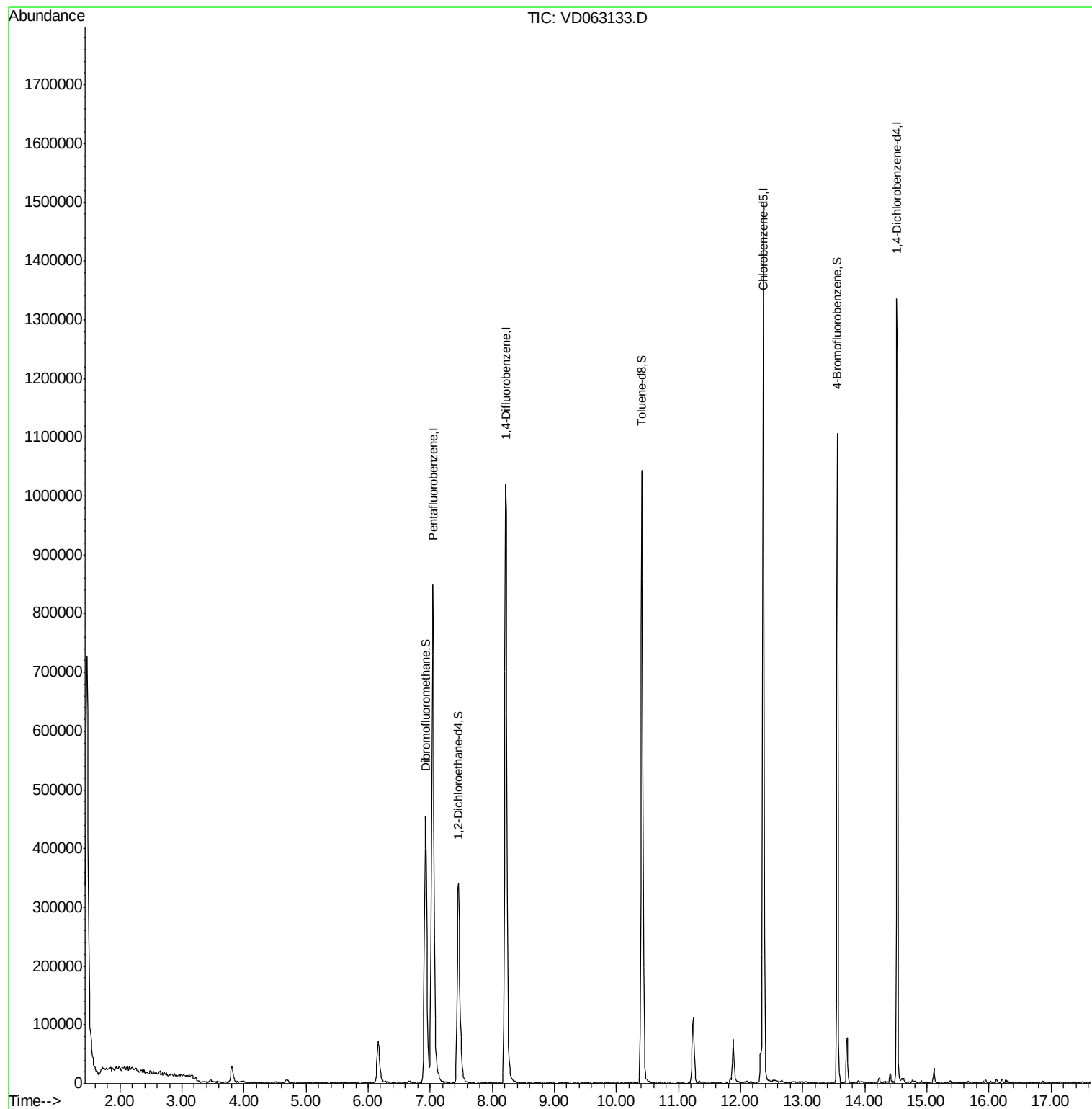
Target Compounds	Qvalue
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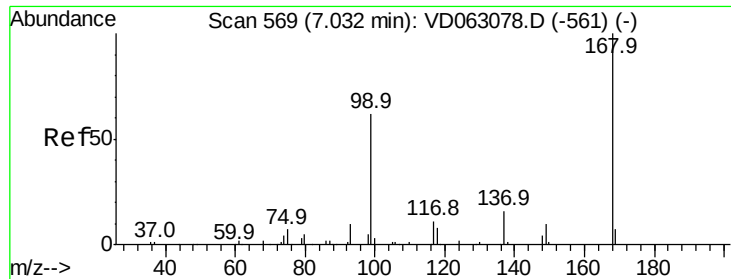
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD071719\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD063133.D

Acq: 17 Jul 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

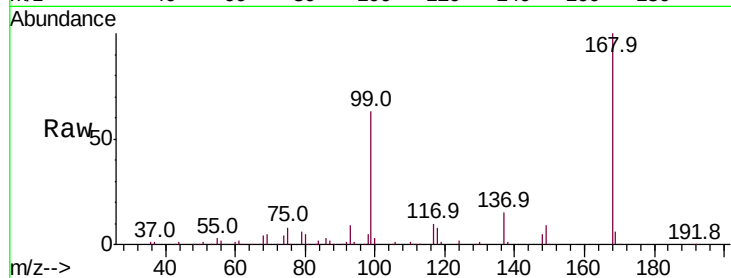
COMP-3_071619

Tot Ion:168 Resp: 823883

Ion Ratio Lower Upper

168 100

99 62.8 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

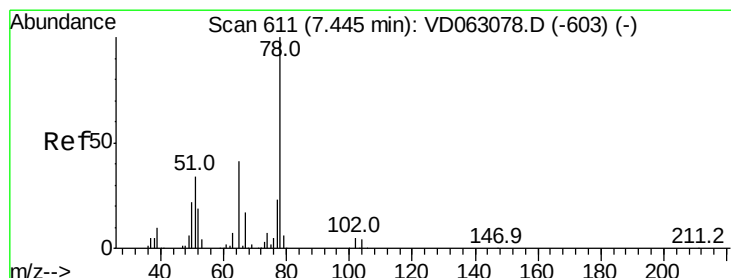
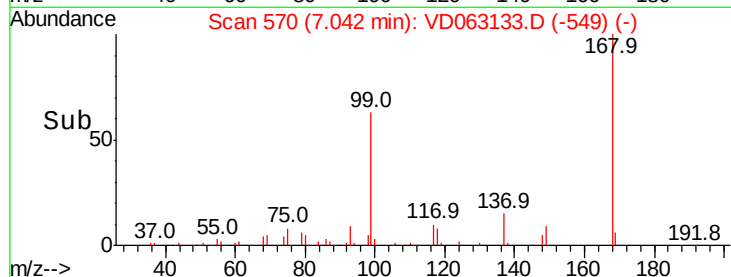
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 35.512 ug/l

RT: 7.45 min Scan# 611

Delta R.T. -0.00 min

Lab File: VD063133.D

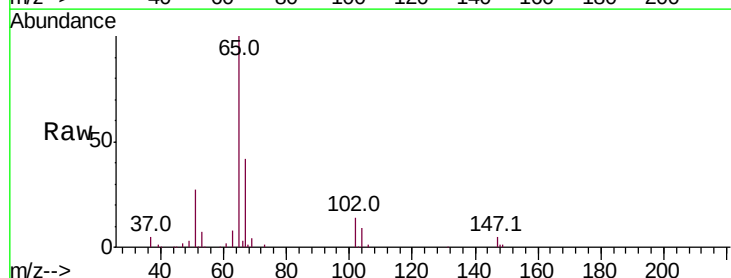
Acq: 17 Jul 2019 16:02

Tgt Ion: 65 Resp: 364464

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

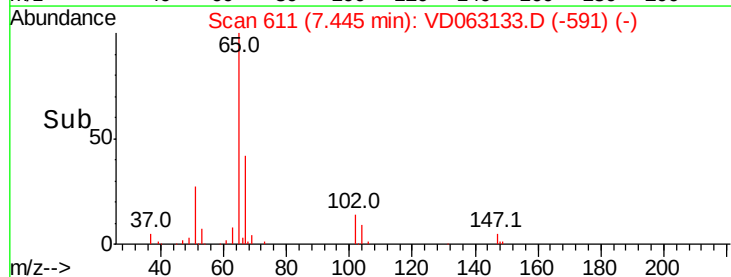
150000

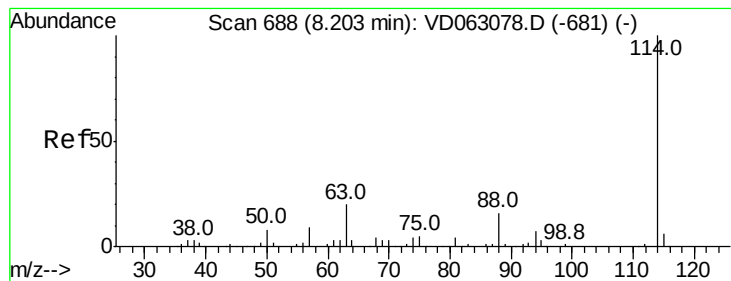
100000

50000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.01 min

Lab File: VD063133.D

Acq: 17 Jul 2019 16:02

Instrument :

MSVOA_D

ClientSampleId :

COMP-3_071619

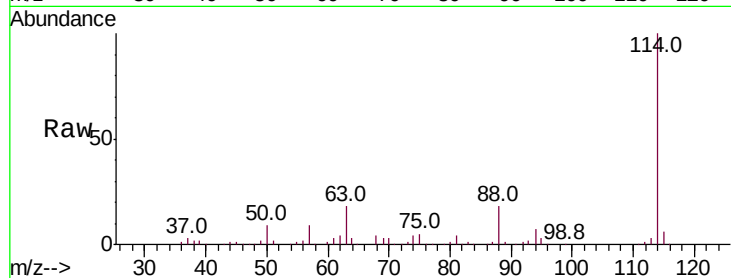
Tot Ion:114 Resp: 1127241

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.6

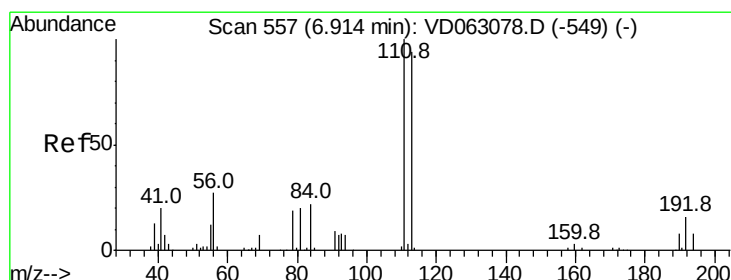
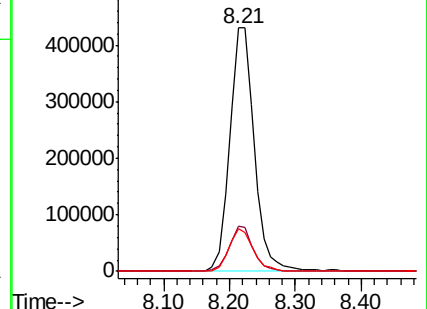
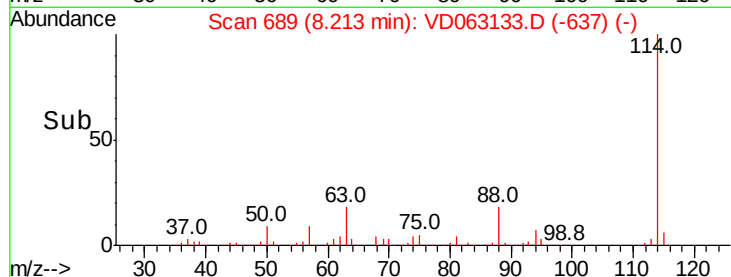
88 17.6 0.0 32.6



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: 36.063 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.01 min

Lab File: VD063133.D

Acq: 17 Jul 2019 16:02

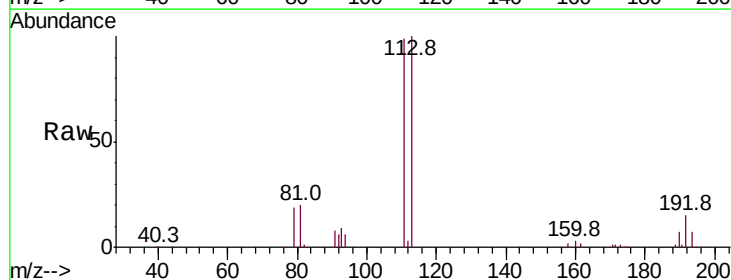
Tgt Ion:113 Resp: 404904

Ion Ratio Lower Upper

113 100

111 99.4 84.8 127.2

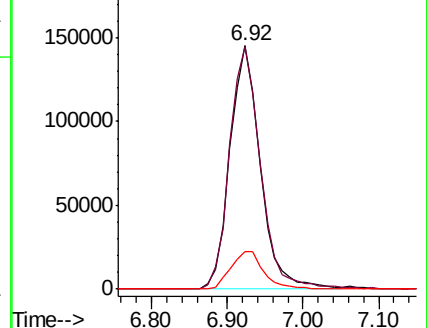
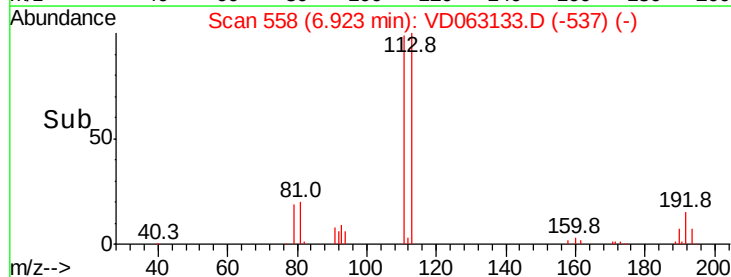
192 15.3 13.4 20.0

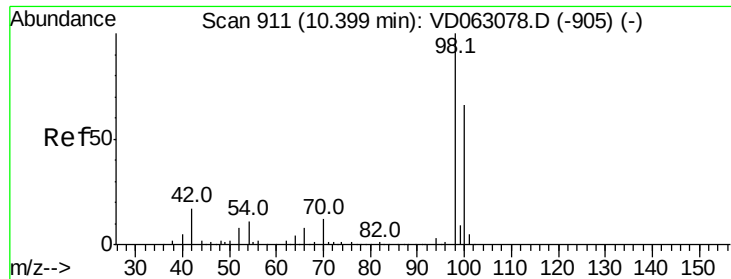


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

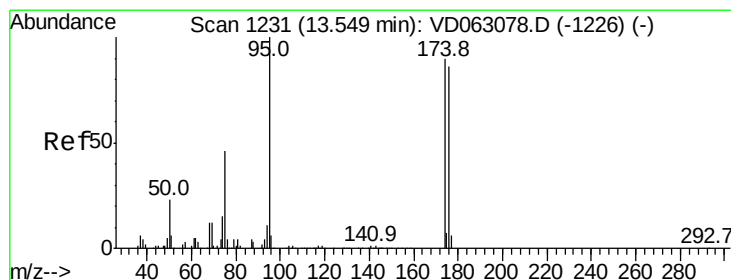
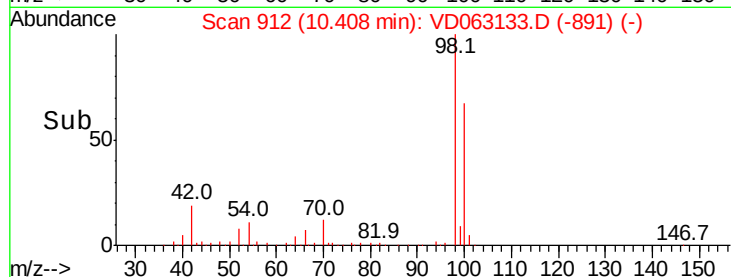
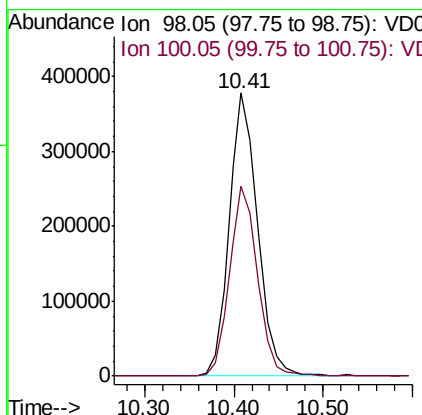
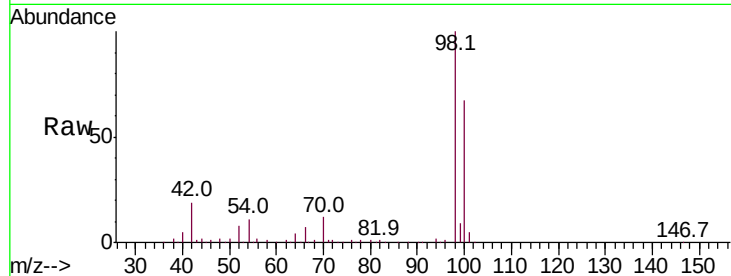




#50
Toluene-d8
Concen: 34.984 ug/l
RT: 10.41 min Scan# 912
Delta R.T. 0.01 min
Lab File: VD063133.D
Acq: 17 Jul 2019 16:02

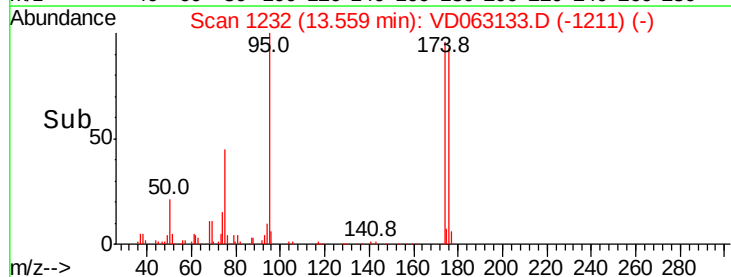
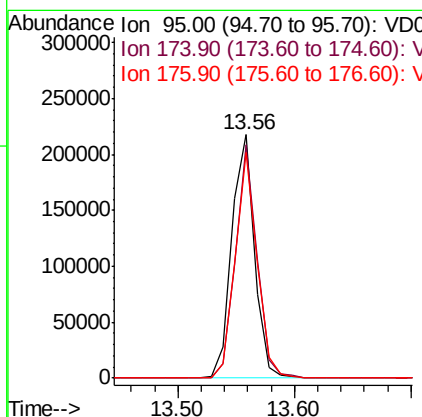
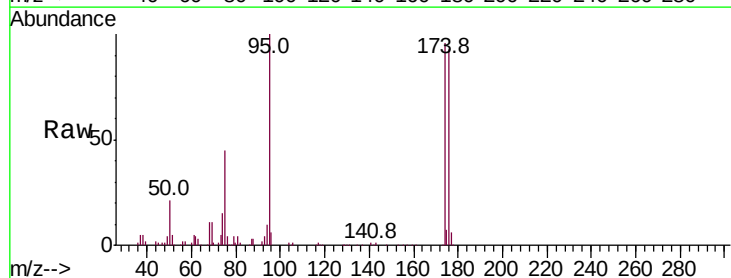
Instrument :
MSVOA_D
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COMP-3_071619

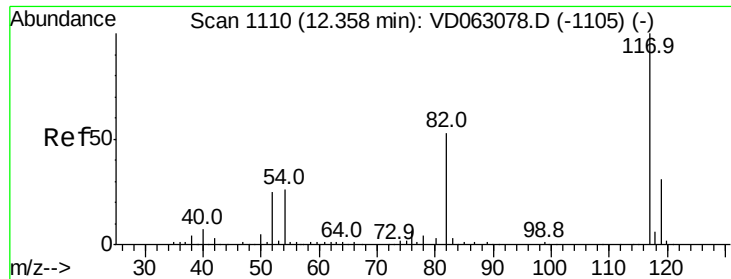
Tot Ion: 98 Resp: 843705
Ion Ratio Lower Upper
98 100
100 67.2 53.5 80.3



#62
4-Bromofluorobenzene
Concen: 26.289 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.01 min
Lab File: VD063133.D
Acq: 17 Jul 2019 16:02

Tgt Ion: 95 Resp: 293315
Ion Ratio Lower Upper
95 100
174 95.8 0.0 180.6
176 92.9 0.0 172.2

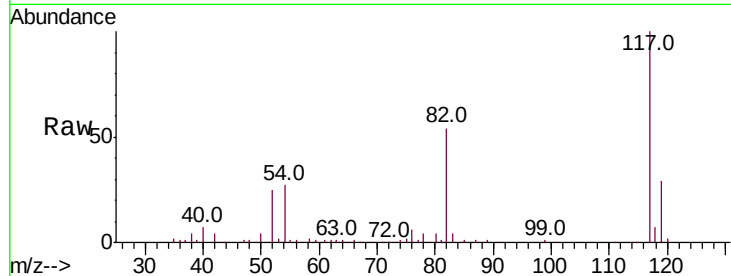




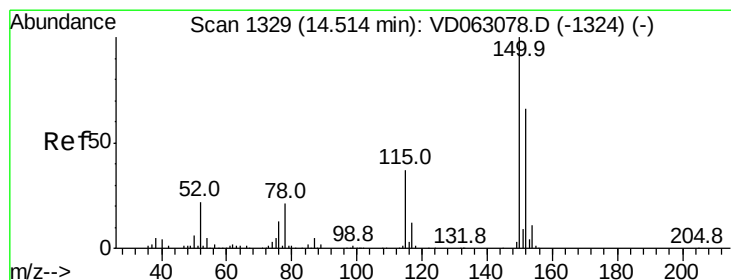
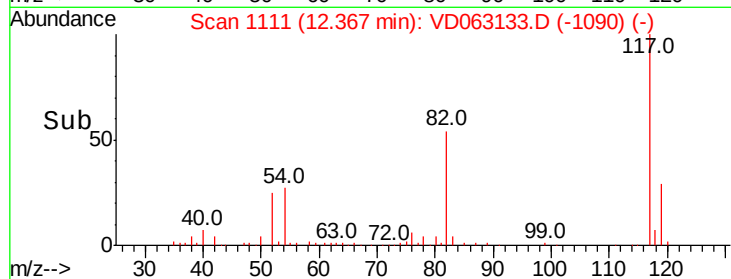
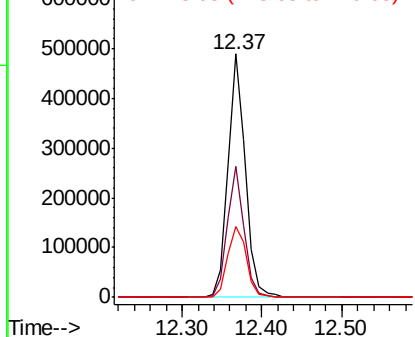
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. 0.01 min
Lab File: VD063133.D
Acq: 17 Jul 2019 16:02

Instrument :
MSVOA_D
ClientSampleId :
COMP-3_071619

Tot Ion:117 Resp: 753662
Ion Ratio Lower Upper
117 100
82 53.6 42.3 63.5
119 29.2 25.2 37.8

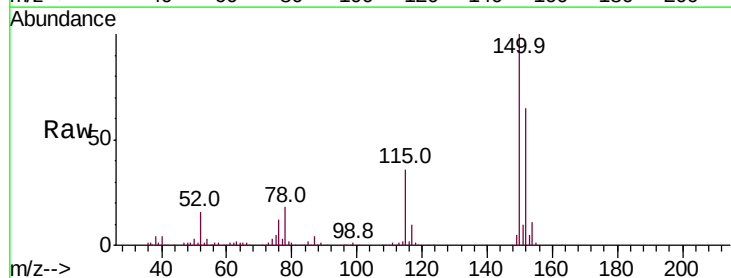


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. 0.01 min
Lab File: VD063133.D
Acq: 17 Jul 2019 16:02

Tgt Ion:152 Resp: 304929
Ion Ratio Lower Upper
152 100
115 54.6 28.9 86.8
150 153.3 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

