

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071719\
 Data File : VD063142.D
 Acq On : 17 Jul 2019 20:14
 Operator : VA/AP
 Sample : K3778-01
 Misc : 4.14g/5ml/MSVOA D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 STOCKPILE-COMP

Quant Time: Jul 18 08:07:05 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	727507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	990399	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.36	117	851348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	397150	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	434913	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	
35) Dibromofluoromethane	6.92	113	467947	47.44	ug/l	0.00
Spiked Amount			Recovery	=	94.88%	
50) Toluene-d8	10.41	98	1002646	47.32	ug/l	0.01
Spiked Amount			Recovery	=	94.64%	
62) 4-Bromofluorobenzene	13.55	95	423308	43.18	ug/l	0.00
Spiked Amount			Recovery	=	86.36%	

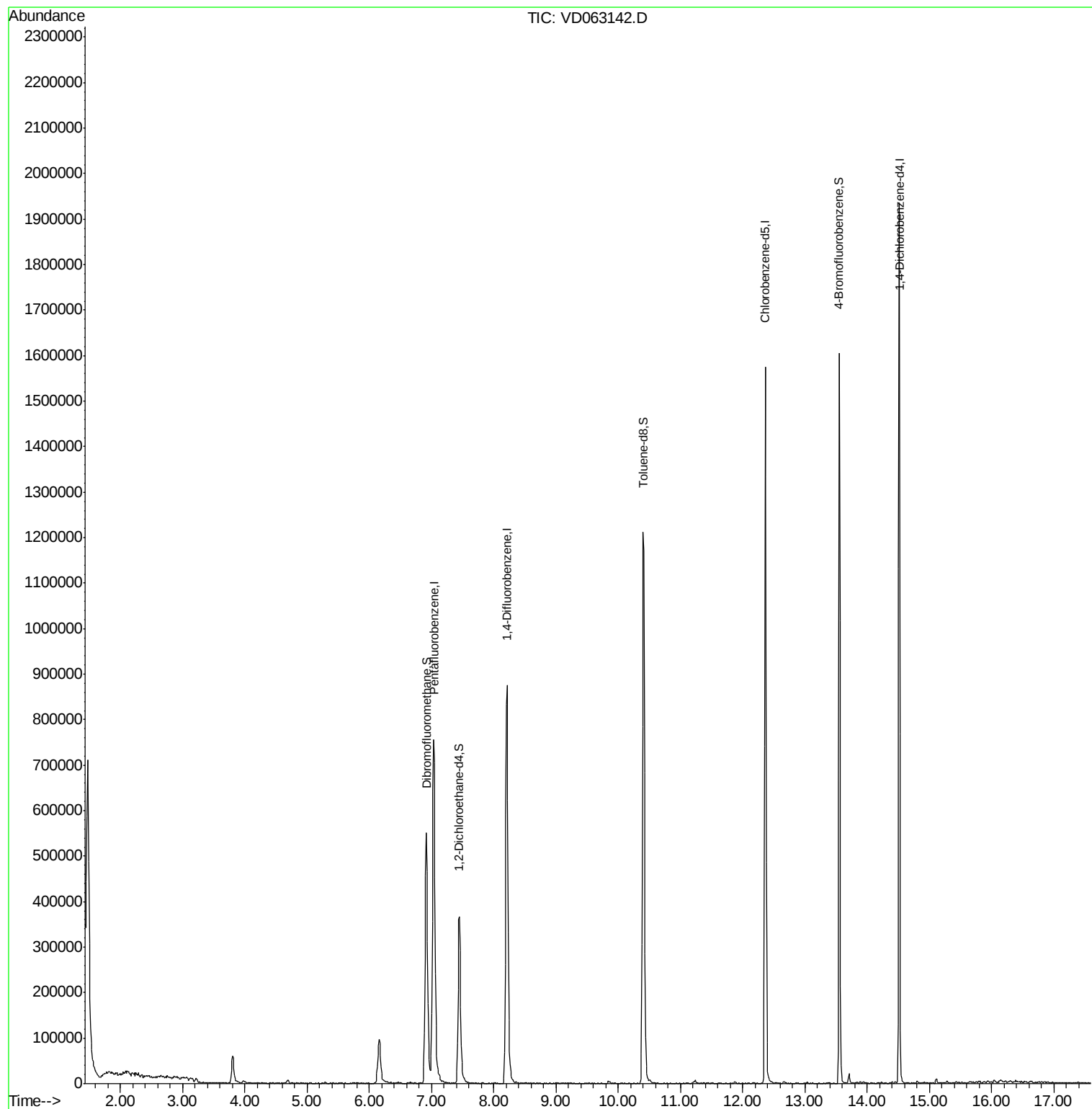
Target Compounds	Qvalue

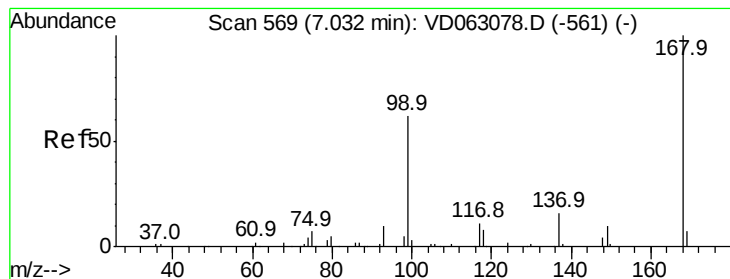
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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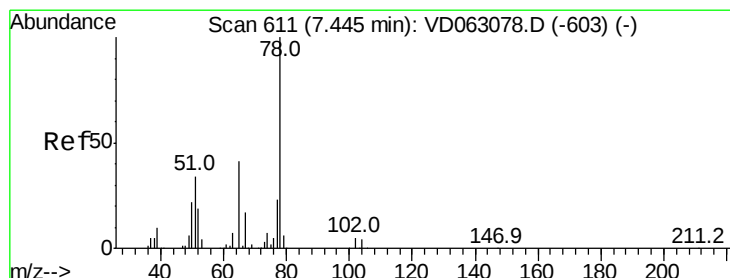
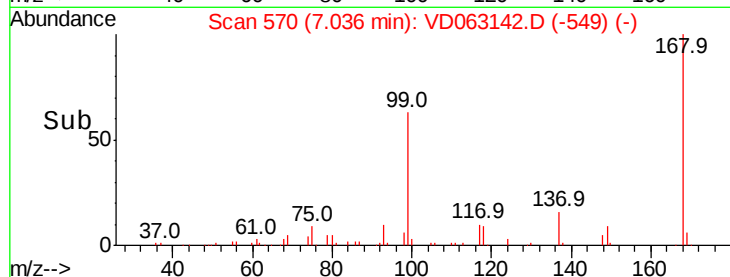
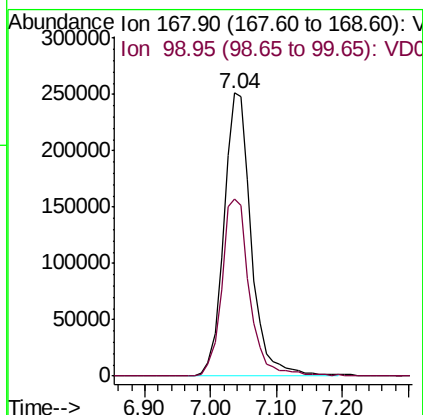
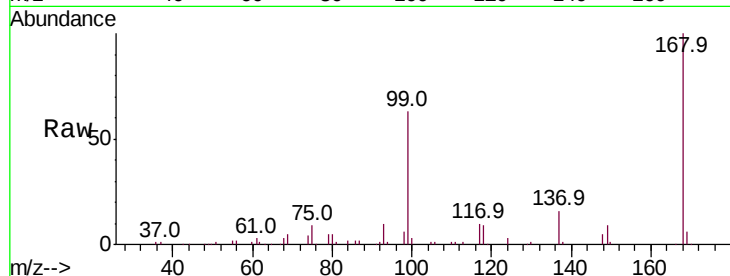




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063142.D
Acq: 17 Jul 2019 20:14

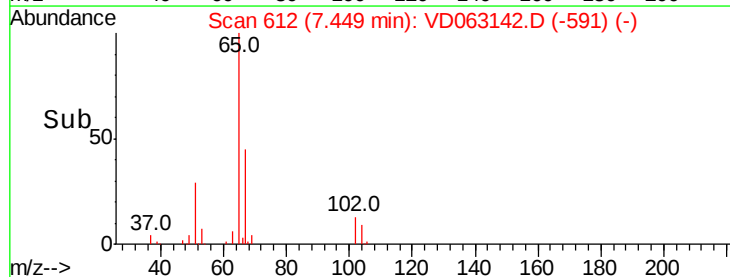
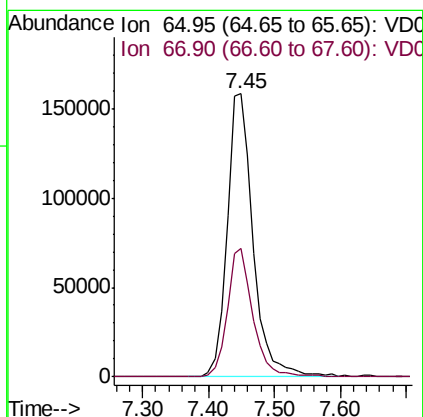
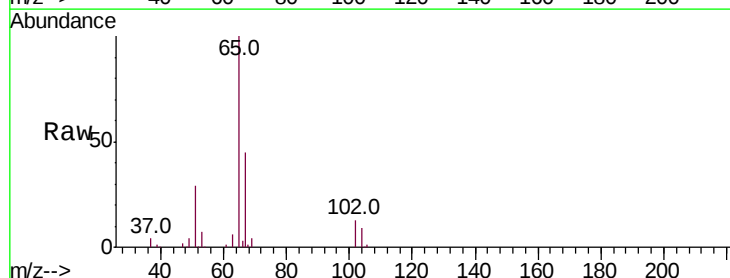
Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-COMP

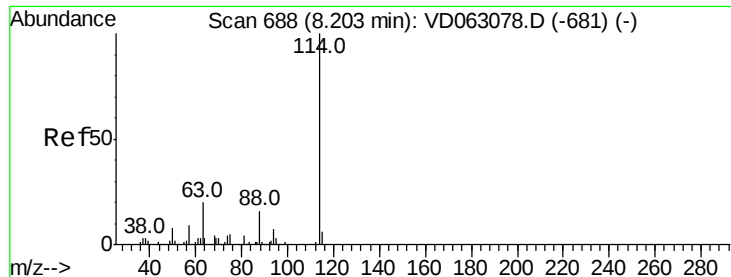
Tot Ion:168 Resp: 727507
Ion Ratio Lower Upper
168 100
99 62.8 50.8 76.2



#33
1,2-Dichloroethane-d4
Concen: 47.990 ug/l
RT: 7.45 min Scan# 612
Delta R.T. 0.00 min
Lab File: VD063142.D
Acq: 17 Jul 2019 20:14

Tgt Ion: 65 Resp: 434913
Ion Ratio Lower Upper
65 100
67 45.4 0.0 86.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.01 min

Lab File: VD063142.D

Acq: 17 Jul 2019 20:14

Instrument :

MSVOA_D

ClientSampleId :

STOCKPILE-COMP

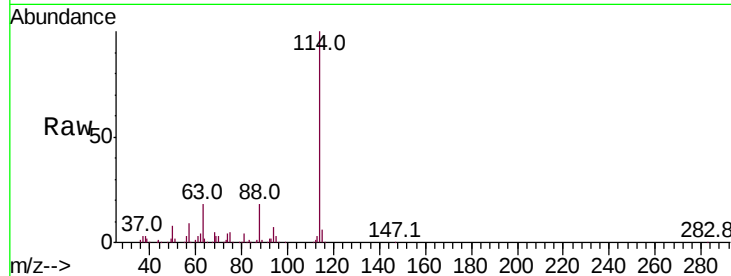
Tot Ion:114 Resp: 990399

Ion Ratio Lower Upper

114 100

63 18.1 0.0 40.6

88 18.0 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

8.22

400000

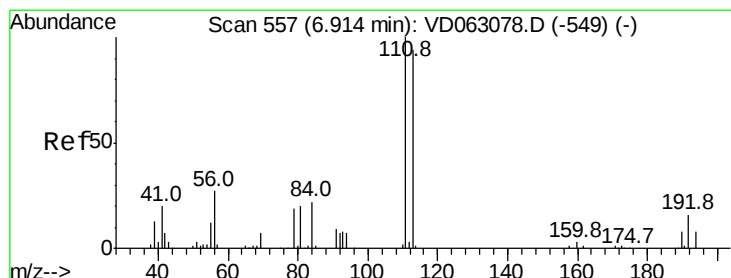
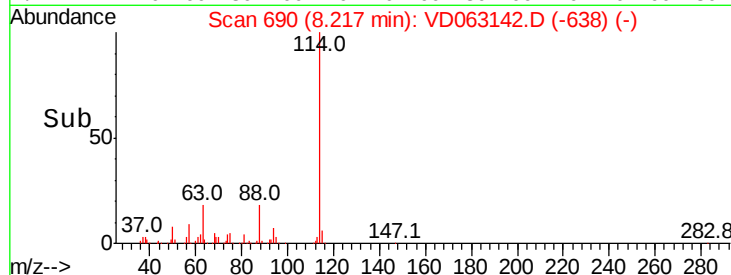
300000

200000

100000

0

Time-->



#35

Dibromofluoromethane

Concen: 47.437 ug/l

RT: 6.92 min Scan# 558

Delta R.T. 0.00 min

Lab File: VD063142.D

Acq: 17 Jul 2019 20:14

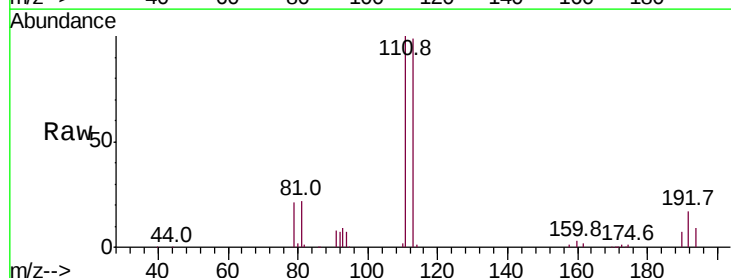
Tgt Ion:113 Resp: 467947

Ion Ratio Lower Upper

113 100

111 101.4 84.8 127.2

192 17.1 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

6.92

200000

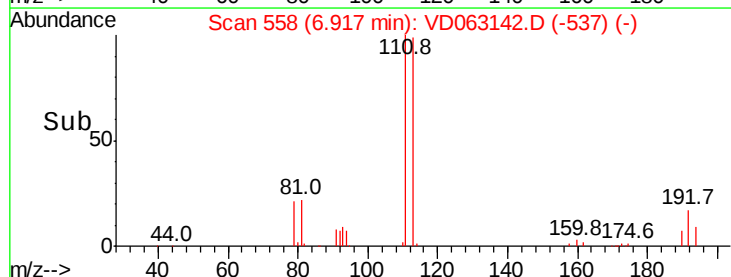
150000

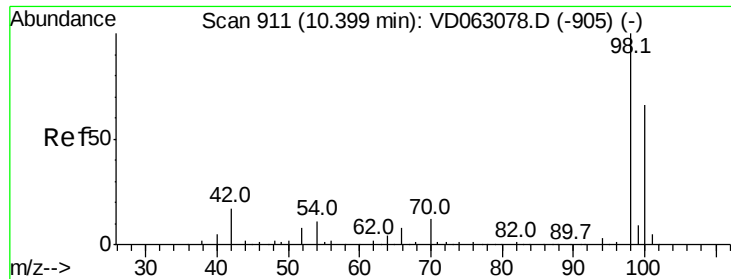
100000

50000

0

Time-->

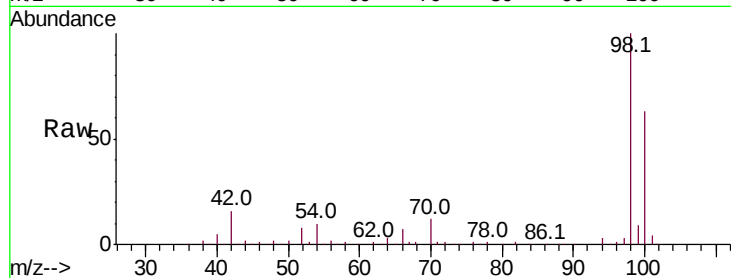




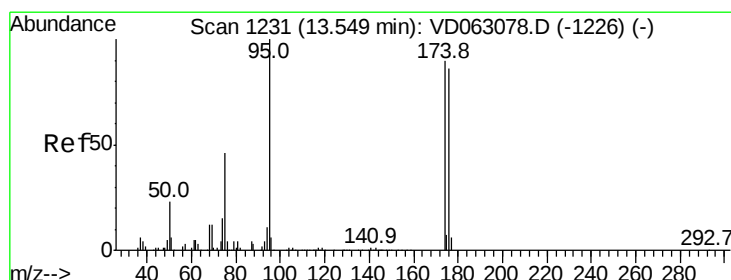
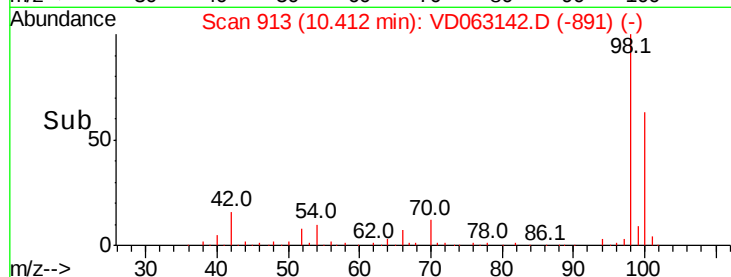
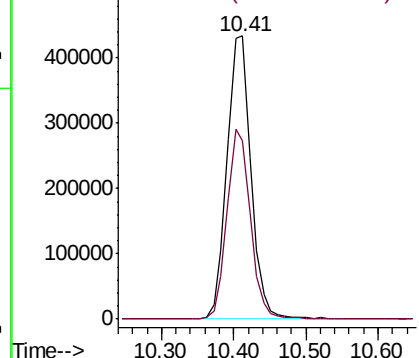
#50
Toluene-d8
Concen: 47.319 ug/l
RT: 10.41 min Scan# 913
Delta R.T. 0.01 min
Lab File: VD063142.D
Acq: 17 Jul 2019 20:14

Instrument :
MSVOA_D
ClientSampleId :
STOCKPILE-COMP

Tot Ion: 98 Resp: 1002646
Ion Ratio Lower Upper
98 100
100 63.1 53.5 80.3

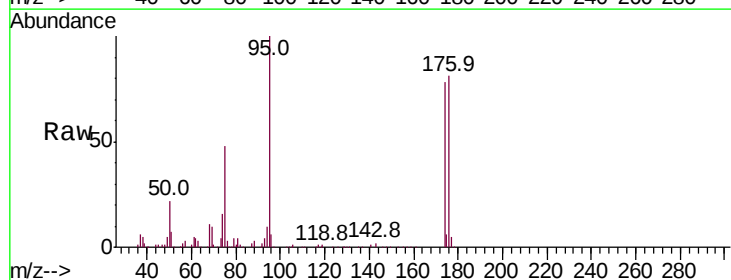


Abundance Ion 98.05 (97.75 to 98.75): VD0
Ion 100.05 (99.75 to 100.75): VD

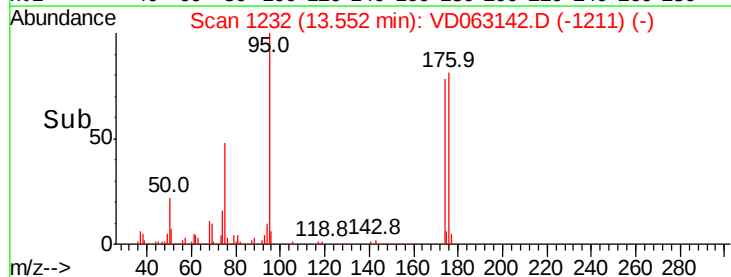
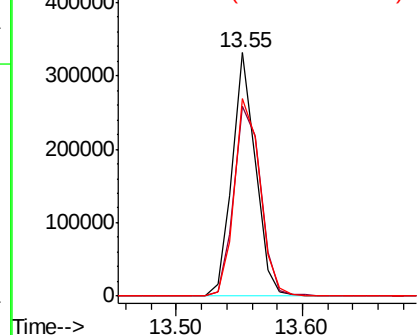


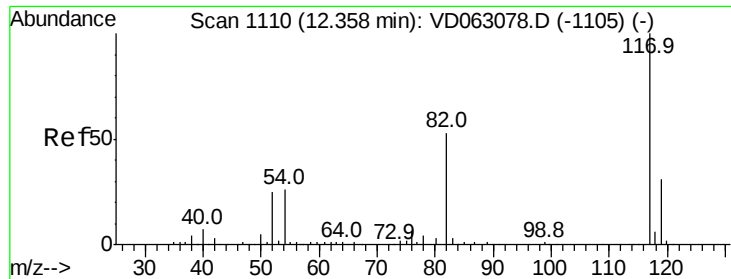
#62
4-Bromofluorobenzene
Concen: 43.182 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063142.D
Acq: 17 Jul 2019 20:14

Tgt Ion: 95 Resp: 423308
Ion Ratio Lower Upper
95 100
174 78.1 0.0 180.6
176 81.3 0.0 172.2



Abundance Ion 95.00 (94.70 to 95.70): VD0
Ion 173.90 (173.60 to 174.60): V
Ion 175.90 (175.60 to 176.60): V

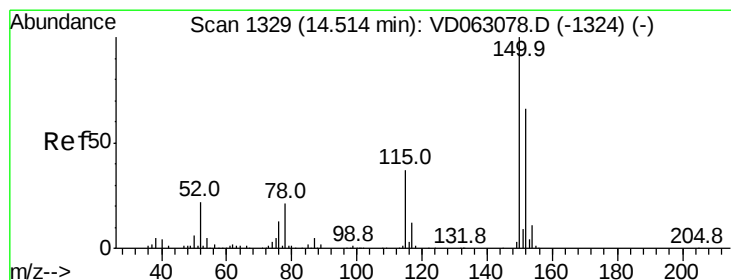
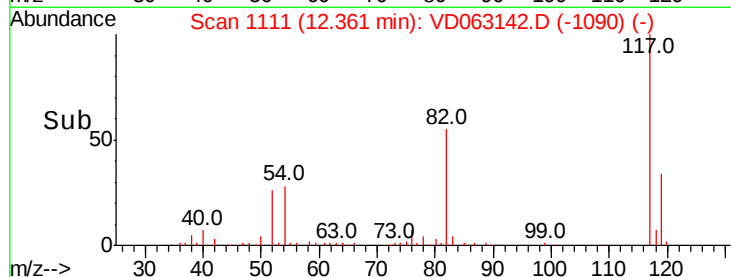
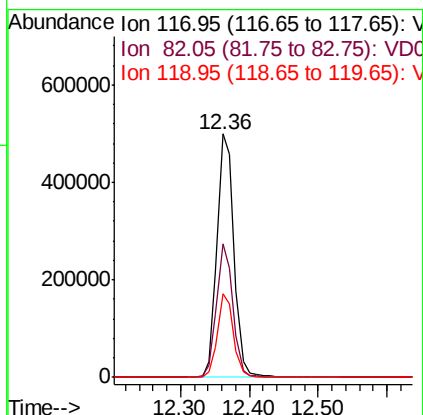
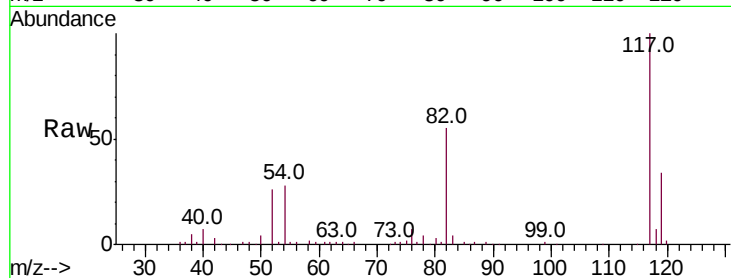




#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 12.36 min Scan# 1111
 Delta R.T. 0.00 min
 Lab File: VD063142.D
 Acq: 17 Jul 2019 20:14

Instrument :
 MSVOA_D
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 STOCKPILE-COMP

Tot Ion:117 Resp: 851348
 Ion Ratio Lower Upper
 117 100
 82 54.7 42.3 63.5
 119 34.3 25.2 37.8



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063142.D
 Acq: 17 Jul 2019 20:14

Tgt Ion:152 Resp: 397150
 Ion Ratio Lower Upper
 152 100
 115 58.6 28.9 86.8
 150 155.2 0.0 313.8

