

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070819\
 Data File : VD063033.D
 Acq On : 8 Jul 2019 13:39
 Operator : VA/AP
 Sample : VD0708SBL01
 Misc : 5.00g/5ml/MSVOA D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0708SBL01

Quant Time: Jul 09 05:23:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	903129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1265438	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	1060252	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	556787	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	583067	59.39	ug/l	0.00
Spiked Amount			Recovery	=	118.78%	
35) Dibromofluoromethane	6.92	113	591568	55.44	ug/l	0.00
Spiked Amount			Recovery	=	110.88%	
50) Toluene-d8	10.41	98	1213974	52.27	ug/l	0.00
Spiked Amount			Recovery	=	104.54%	
62) 4-Bromofluorobenzene	13.56	95	565704	53.57	ug/l	0.00
Spiked Amount			Recovery	=	107.14%	

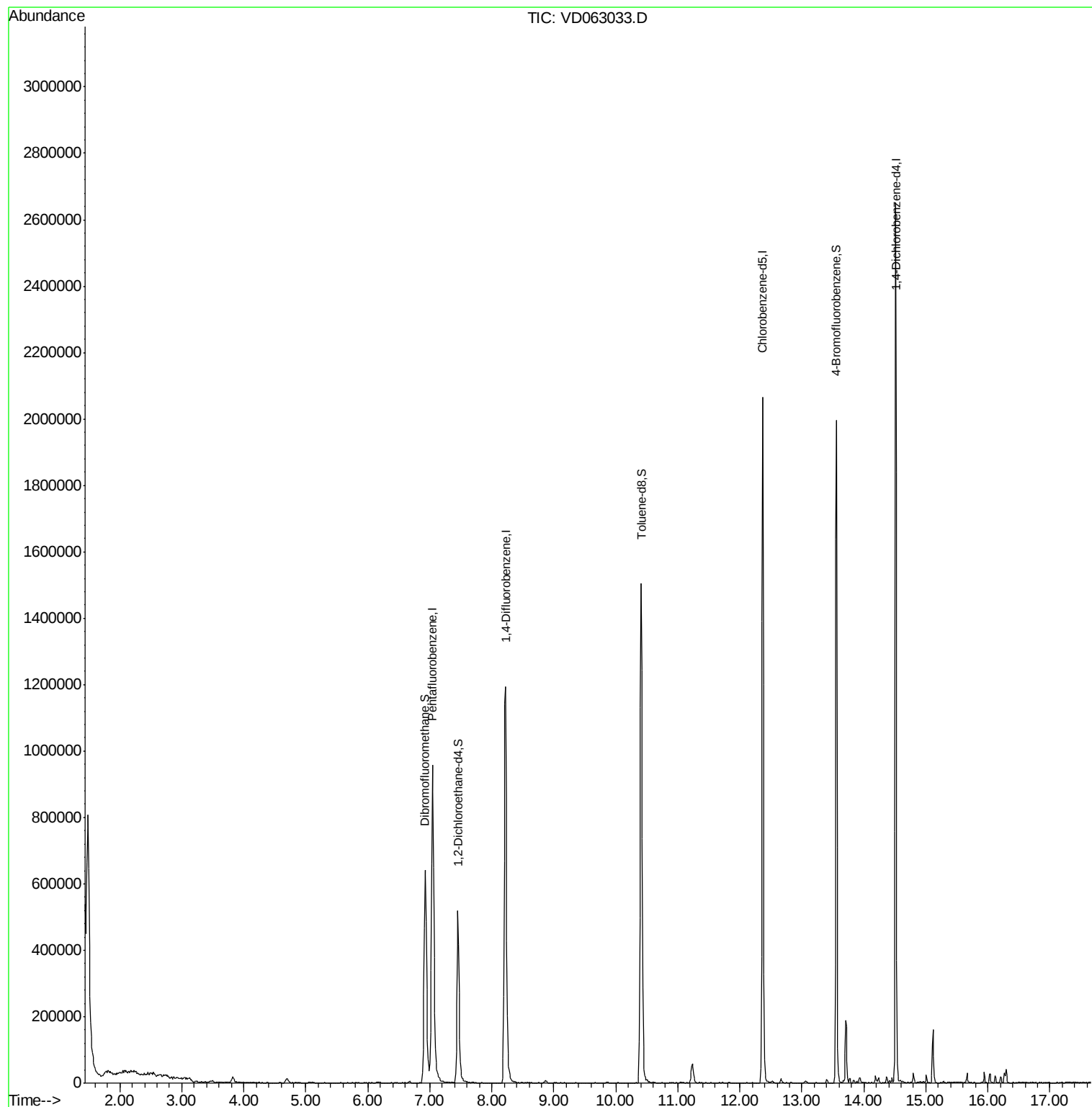
Target Compounds	Qvalue
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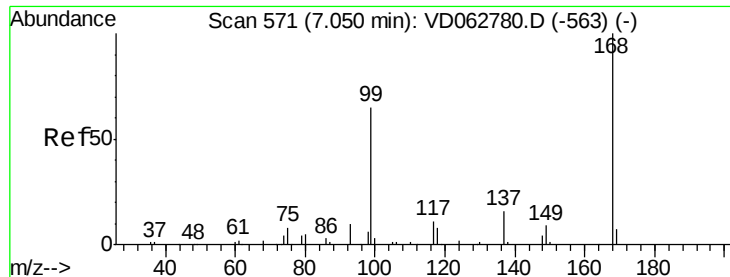
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 570

Delta R.T. -0.01 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

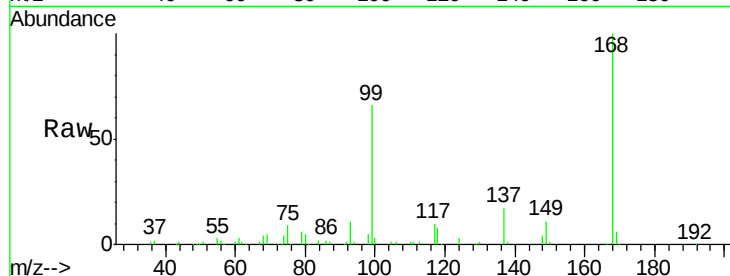
VD0708SBL01

Tot Ion:168 Resp: 903129

Ion Ratio Lower Upper

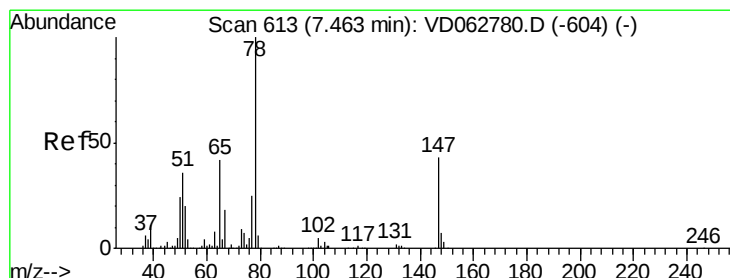
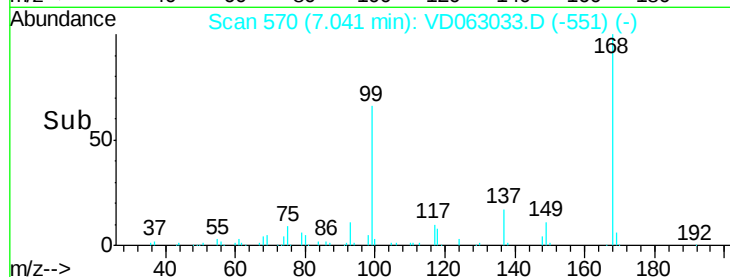
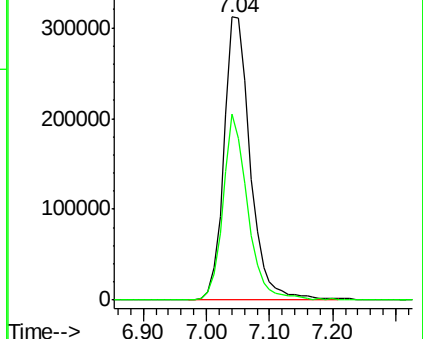
168 100

99 65.5 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#33

1,2-Dichloroethane-d4

Concen: 59.394 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063033.D

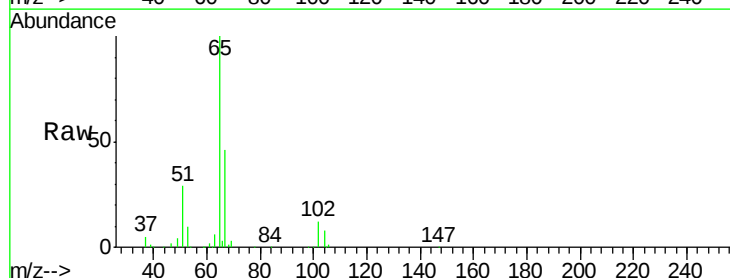
Acq: 8 Jul 2019 13:39

Tgt Ion: 65 Resp: 583067

Ion Ratio Lower Upper

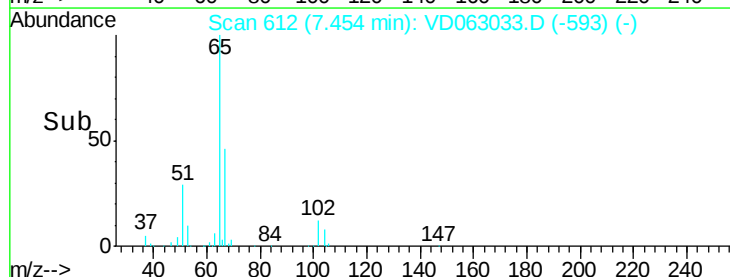
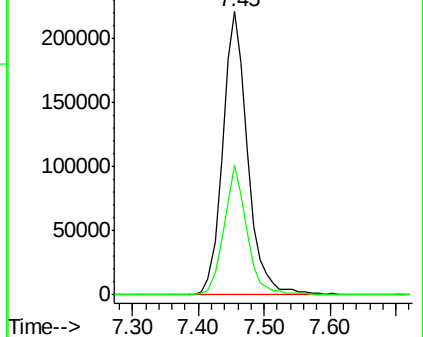
65 100

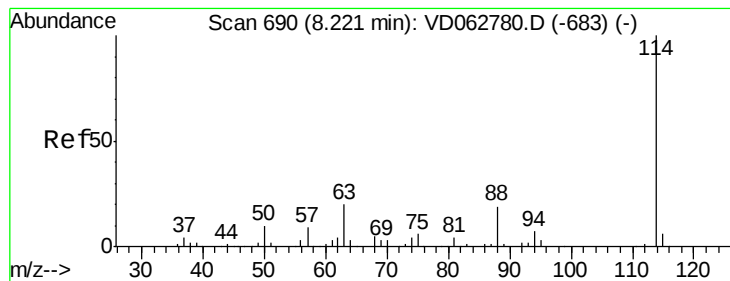
67 45.7 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 690

Delta R.T. 0.00 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

Instrument :

MSVOA_D

ClientSampleId :

VD0708SBL01

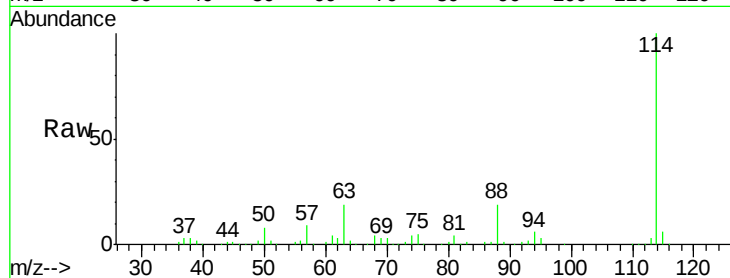
Tot Ion:114 Resp: 1265438

Ion Ratio Lower Upper

114 100

63 19.2 0.0 40.0

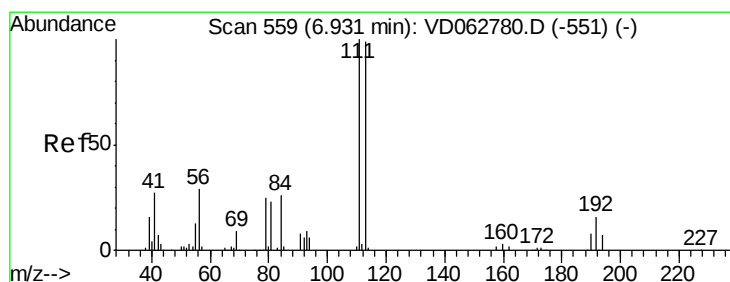
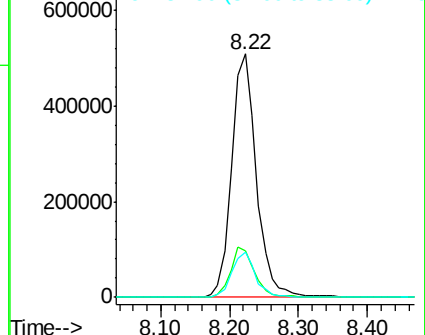
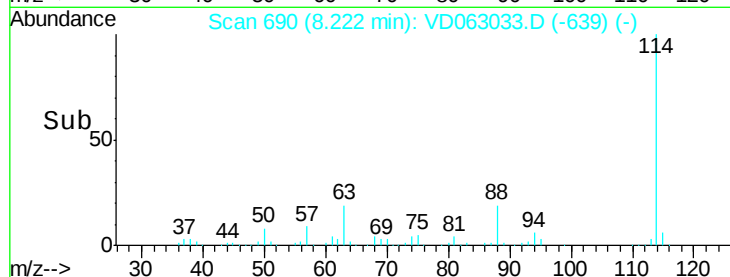
88 18.8 0.0 38.8



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: 55.442 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063033.D

Acq: 8 Jul 2019 13:39

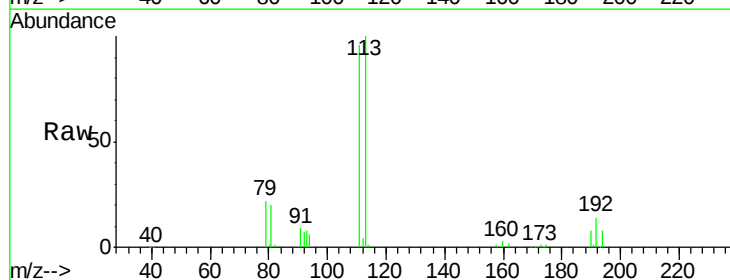
Tgt Ion:113 Resp: 591568

Ion Ratio Lower Upper

113 100

111 96.3 81.2 121.8

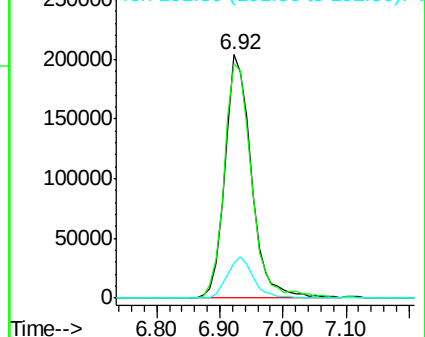
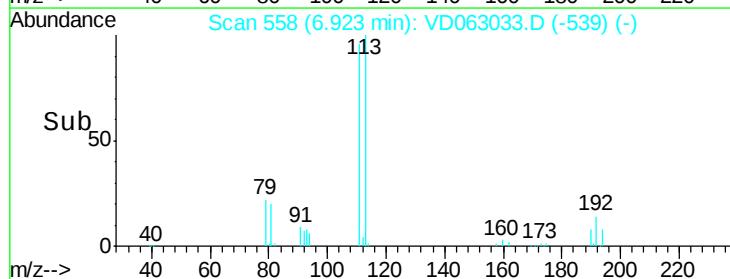
192 14.1 12.9 19.3



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

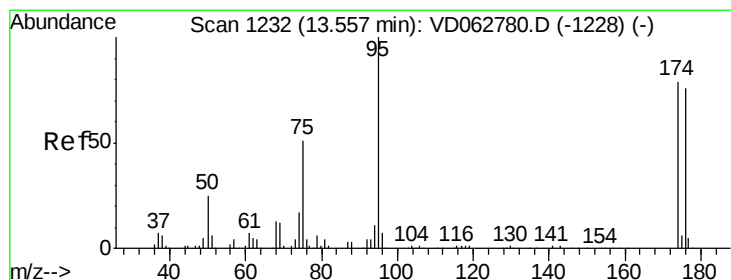
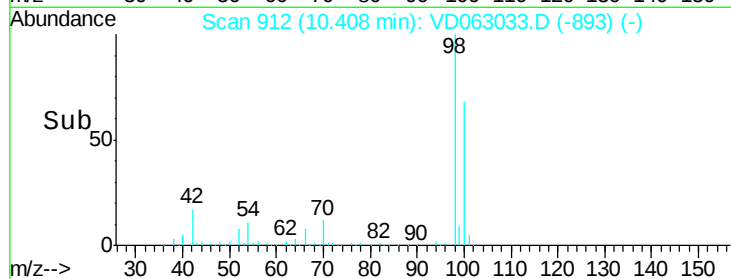
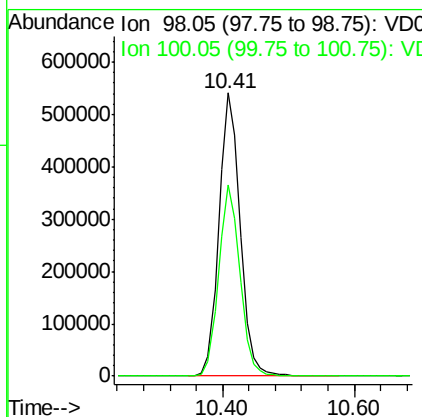
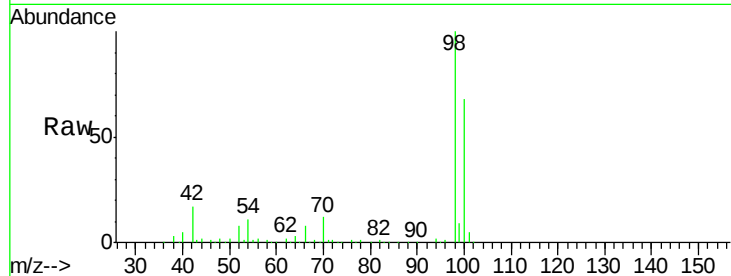




#50
Toluene-d8
Concen: 52.274 ug/l
RT: 10.41 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

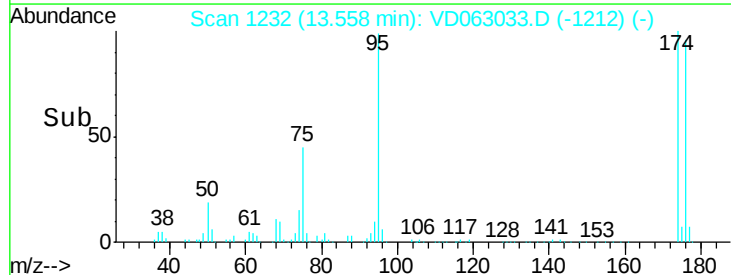
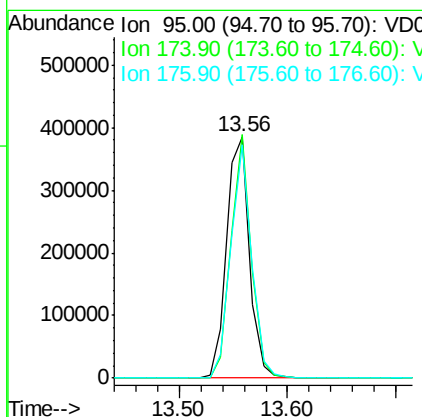
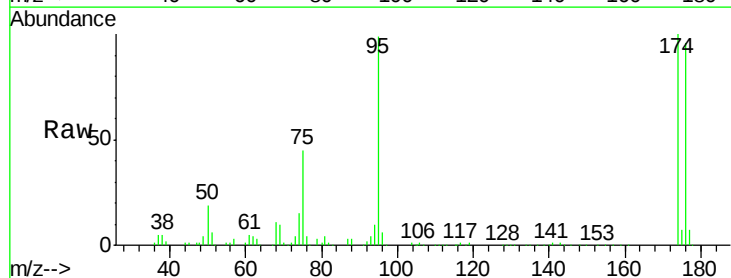
Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

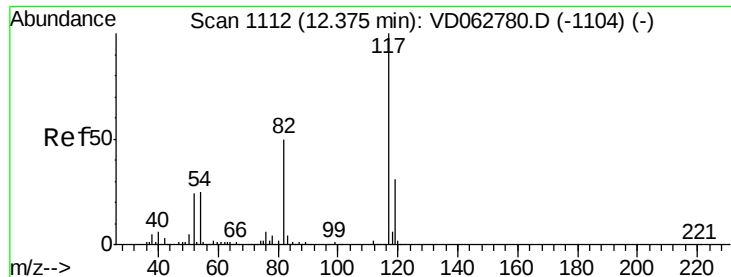
Tot Ion: 98 Resp: 1213974
Ion Ratio Lower Upper
98 100
100 67.6 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 53.572 ug/l
RT: 13.56 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Tgt Ion: 95 Resp: 565704
Ion Ratio Lower Upper
95 100
174 100.8 0.0 158.0
176 96.6 0.0 151.6

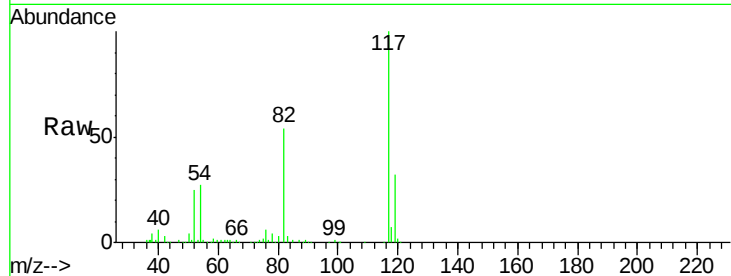




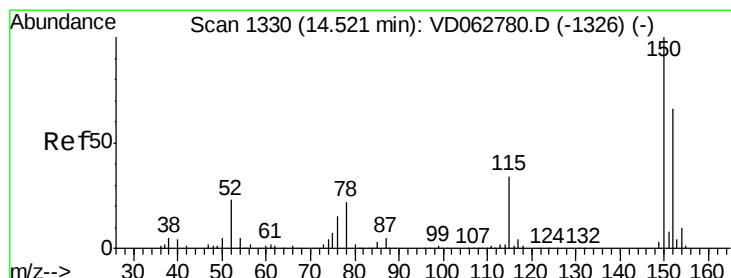
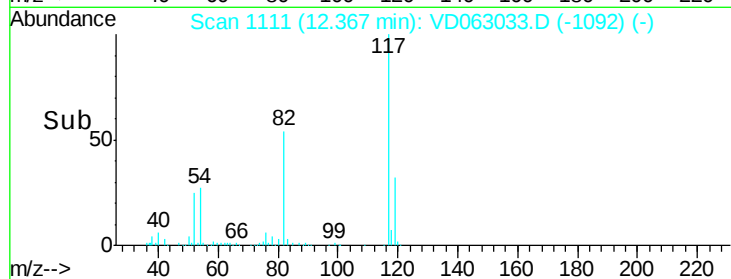
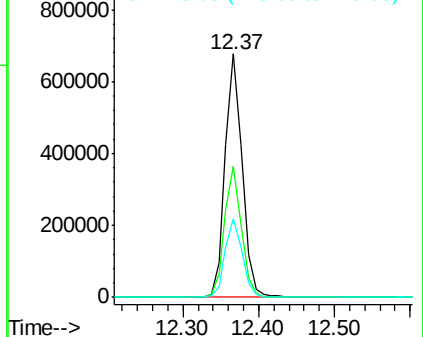
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Instrument :
MSVOA_D
ClientSampleId :
VD0708SBL01

Tot Ion:117 Resp: 1060252
Ion Ratio Lower Upper
117 100
82 53.8 40.4 60.6
119 32.2 25.2 37.8

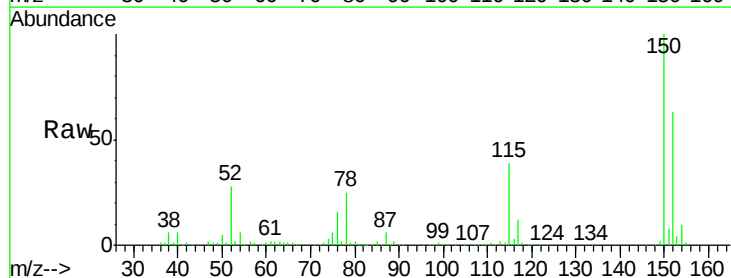


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD063033.D
Acq: 8 Jul 2019 13:39

Tgt Ion:152 Resp: 556787
Ion Ratio Lower Upper
152 100
115 61.6 29.2 87.6
150 159.1 0.0 305.8



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

