

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071019\
 Data File : VD063063.D
 Acq On : 10 Jul 2019 17:37
 Operator : VA/AP
 Sample : K3726-05
 Misc : 5.76g/5ml/MSVOA D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PIPE-1_070919

Quant Time: Jul 11 07:40:54 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	894971	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.22	114	1229574	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	1059732	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	540813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	382257	39.29	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	78.58%	
35) Dibromofluoromethane	6.92	113	416811	40.20	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	80.40%	
50) Toluene-d8	10.40	98	873671	38.72	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	77.44%	
62) 4-Bromofluorobenzene	13.55	95	395169	38.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.02%	

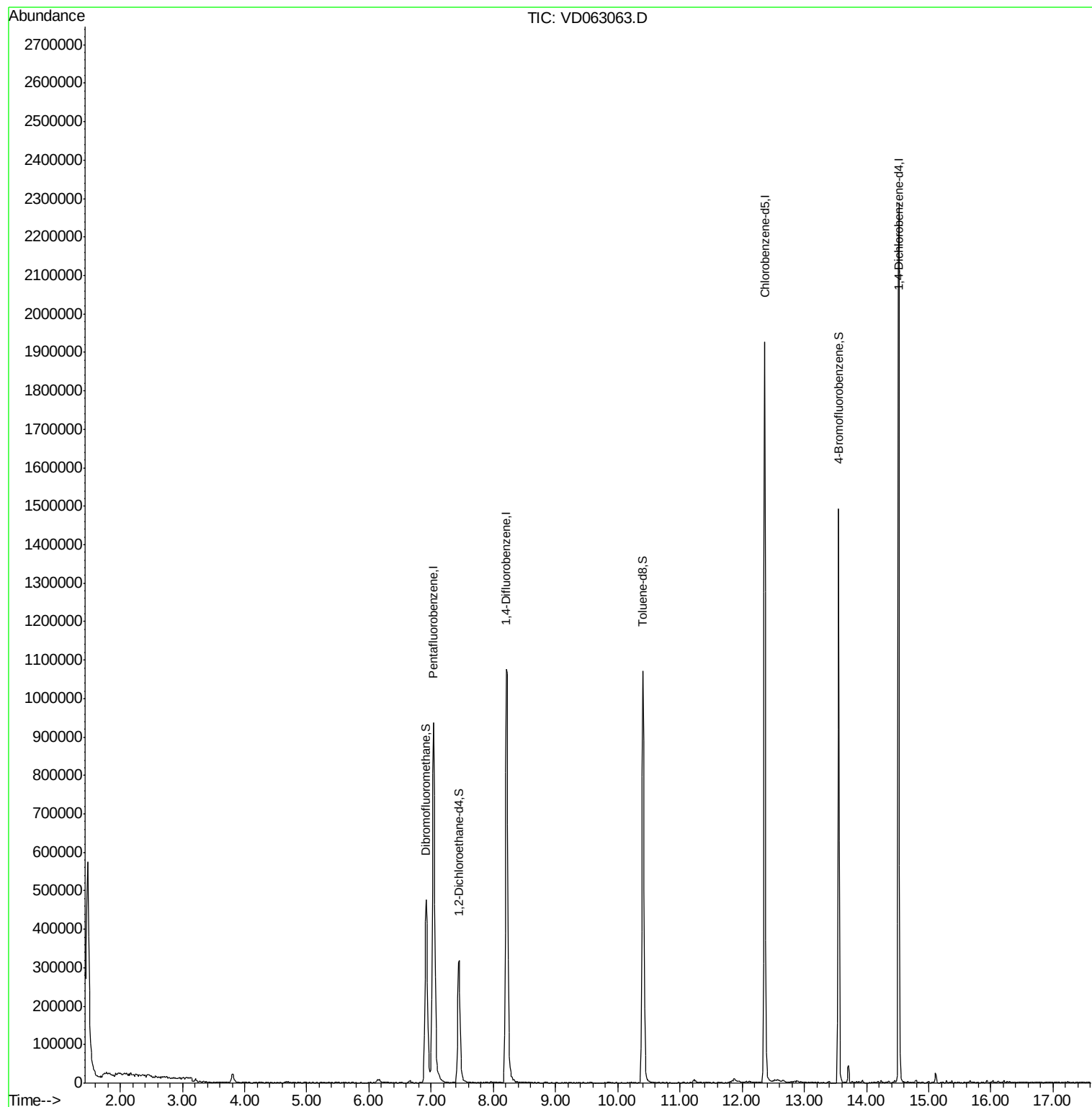
Target Compounds	Qvalue
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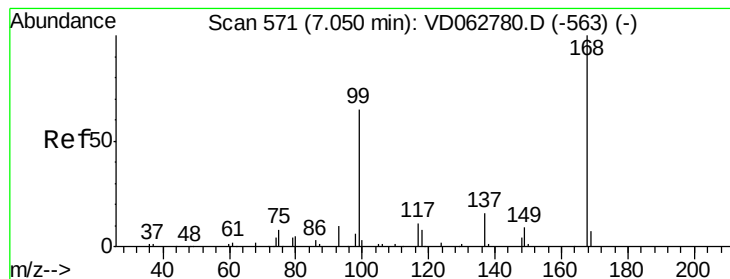
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD063063.D

Acq: 10 Jul 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

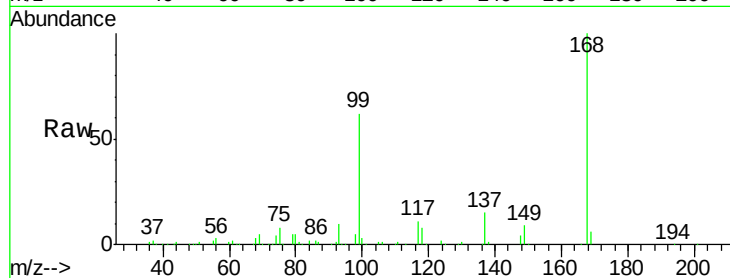
PIPE-1_070919

Tot Ion:168 Resp: 894971

Ion Ratio Lower Upper

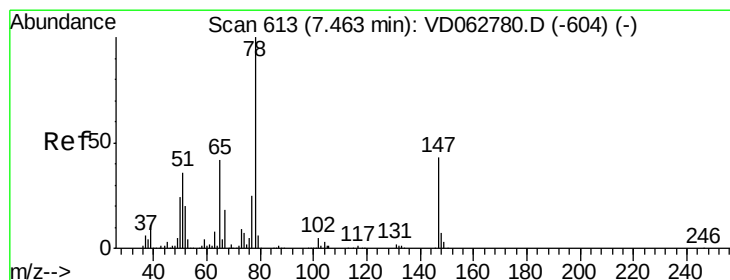
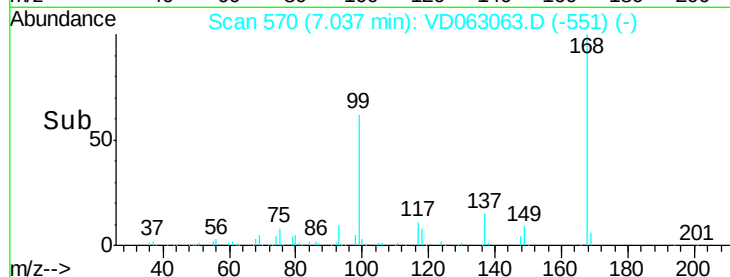
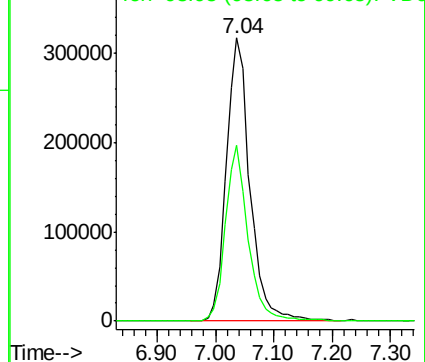
168 100

99 62.3 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: 39.294 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD063063.D

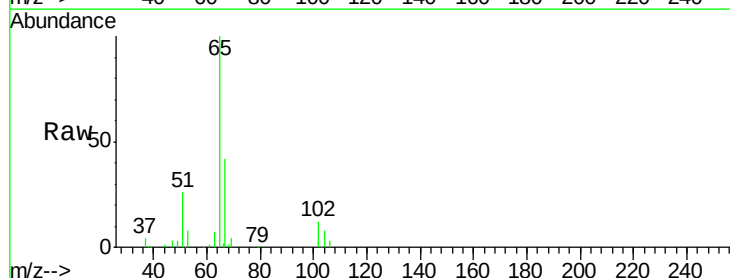
Acq: 10 Jul 2019 17:37

Tgt Ion: 65 Resp: 382257

Ion Ratio Lower Upper

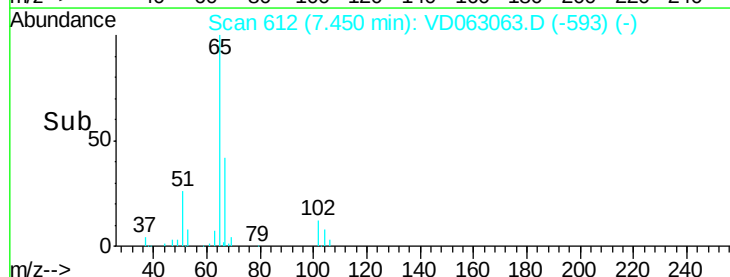
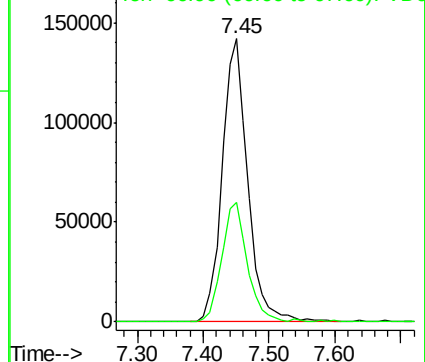
65 100

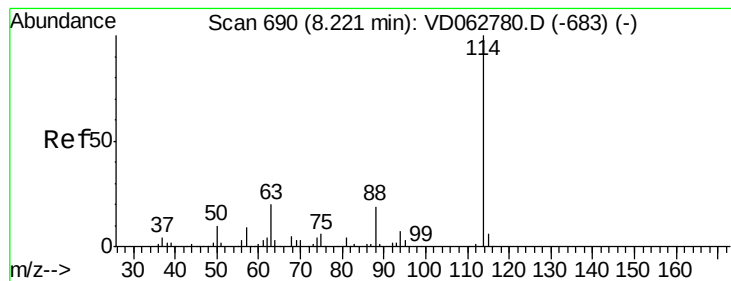
67 42.1 0.0 87.4



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: VD063063.D

Acq: 10 Jul 2019 17:37

Instrument :

MSVOA_D

ClientSampleId :

PIPE-1_070919

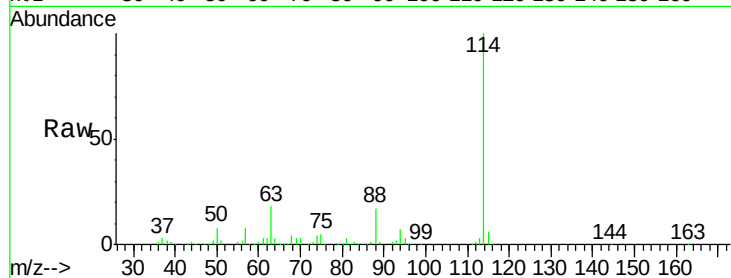
Tot Ion:114 Resp: 1229574

Ion Ratio Lower Upper

114 100

63 18.0 0.0 40.0

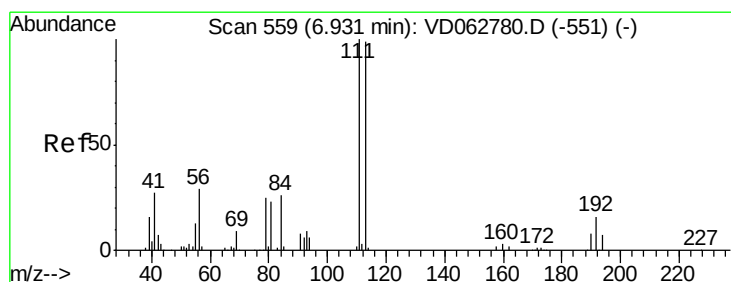
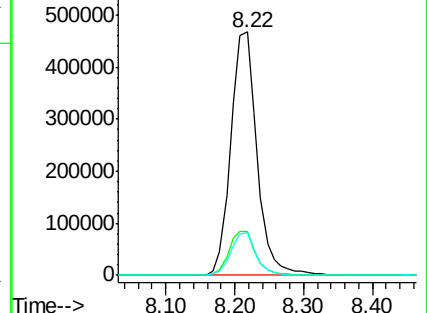
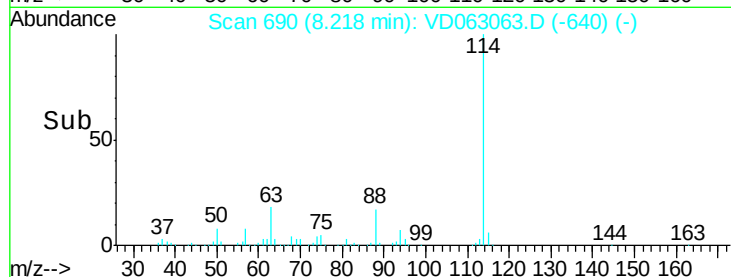
88 17.5 0.0 38.8



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: 40.203 ug/l

RT: 6.92 min Scan# 558

Delta R.T. -0.01 min

Lab File: VD063063.D

Acq: 10 Jul 2019 17:37

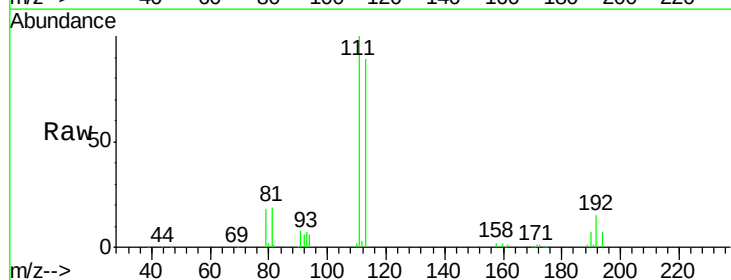
Tgt Ion:113 Resp: 416811

Ion Ratio Lower Upper

113 100

111 112.2 81.2 121.8

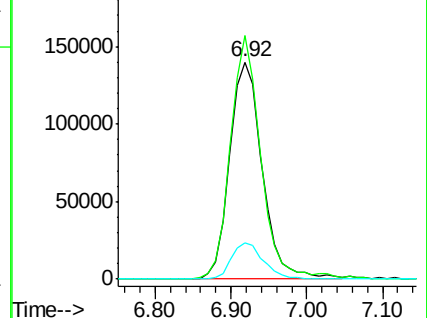
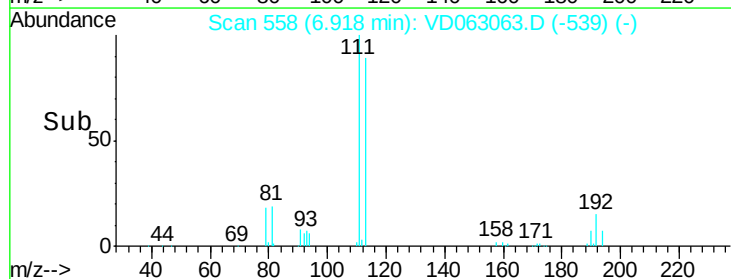
192 16.8 12.9 19.3

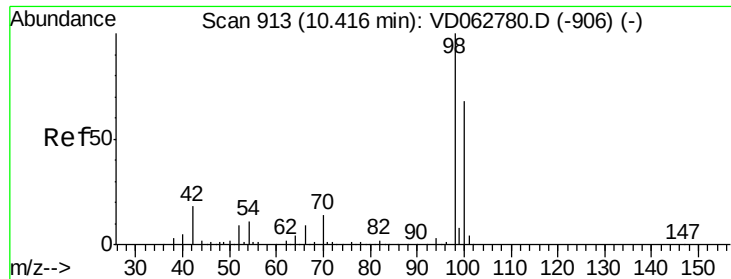


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V

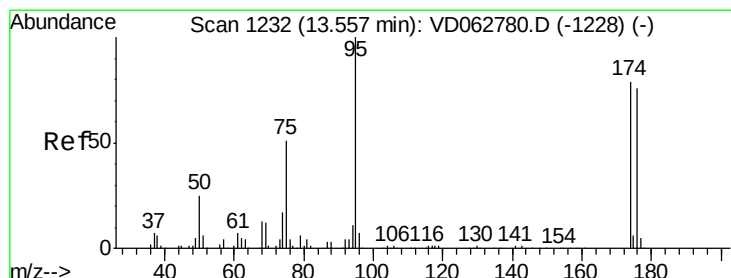
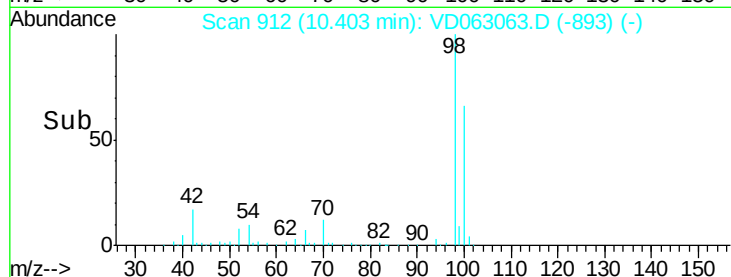
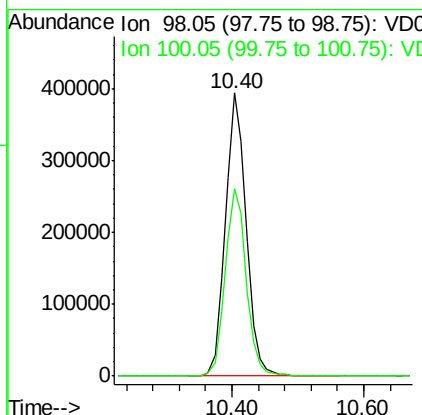
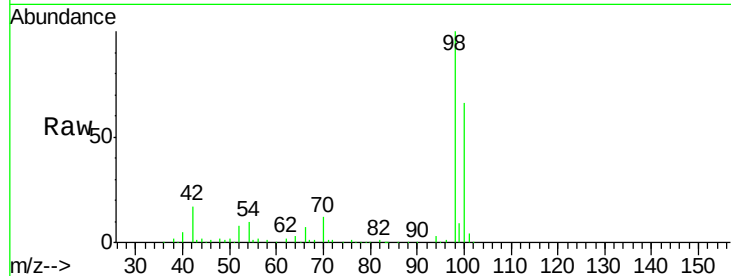




#50
Toluene-d8
Concen: 38.718 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

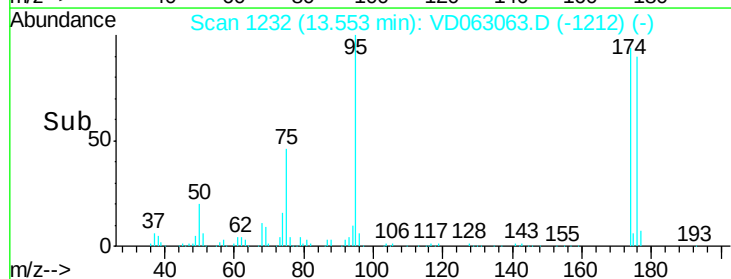
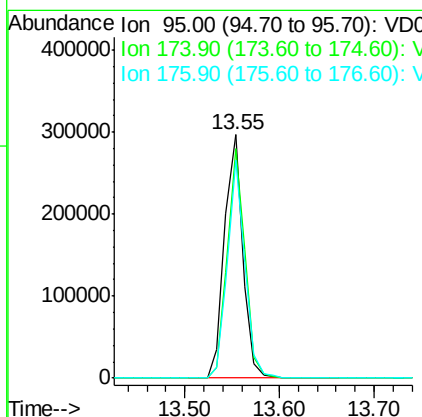
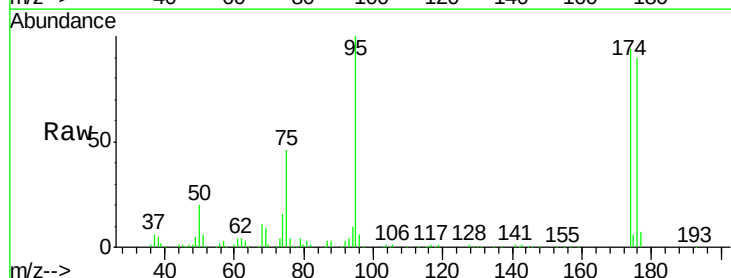
Instrument :
MSVOA_D
ClientSampleId :
PIPE-1_070919

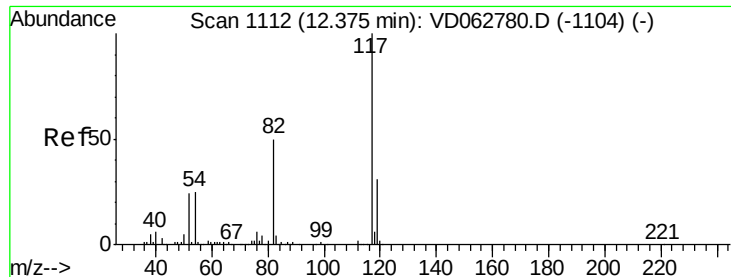
Tot Ion: 98 Resp: 873671
Ion Ratio Lower Upper
98 100
100 66.3 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 38.514 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Tgt Ion: 95 Resp: 395169
Ion Ratio Lower Upper
95 100
174 94.5 0.0 158.0
176 89.7 0.0 151.6

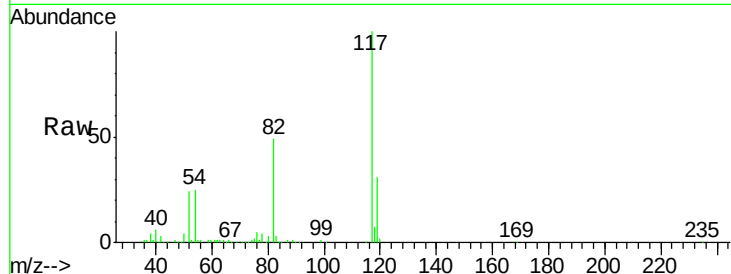




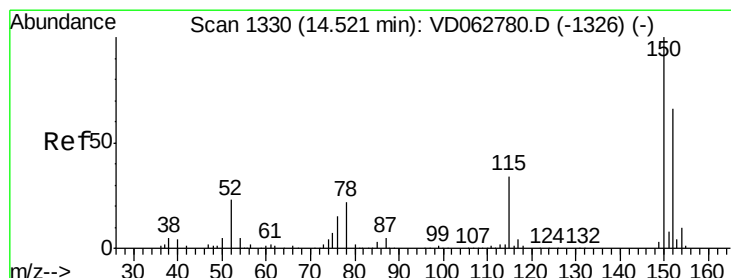
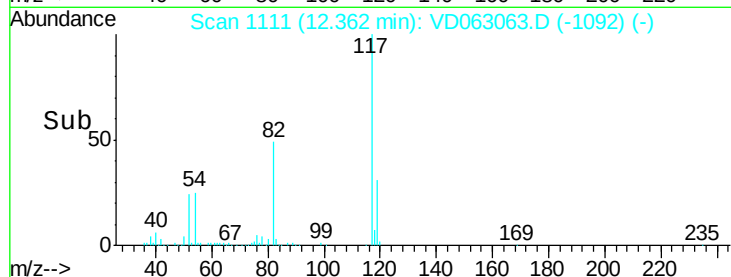
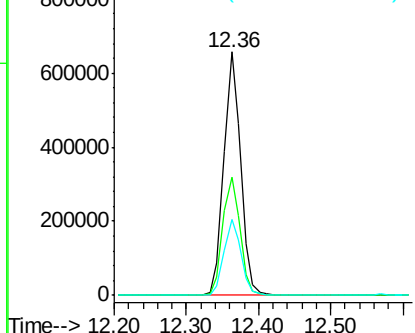
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Instrument :
MSVOA_D
ClientSampleId :
PIPE-1_070919

Tot Ion:117 Resp: 1059732
Ion Ratio Lower Upper
117 100
82 48.5 40.4 60.6
119 30.9 25.2 37.8

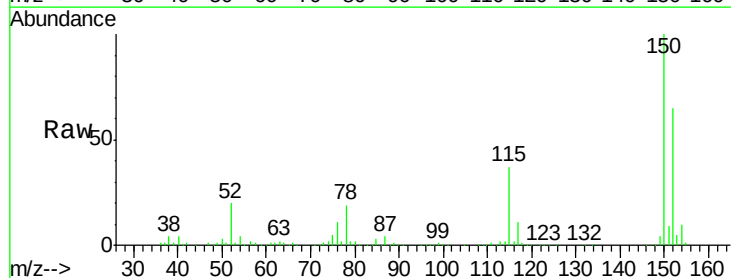


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD063063.D
Acq: 10 Jul 2019 17:37

Tgt Ion:152 Resp: 540813
Ion Ratio Lower Upper
152 100
115 57.7 29.2 87.6
150 154.7 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

