

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062719\
 Data File : VD062944.D
 Acq On : 27 Jun 2019 21:01
 Operator : VA/AP
 Sample : K3552-10
 Misc : 5.09g/5ml/MSVOA D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 M-5A

Quant Time: Jun 28 05:08:12 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	7.02	168	60438	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	8.20	114	119074	50.00	ug/l	-0.02
63) Chlorobenzene-d5	12.35	117	110702	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	14.51	152	69296	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.42	65	64617	98.36	ug/l	-0.04
Spiked Amount	50.000		Recovery	=	196.72%	
35) Dibromofluoromethane	6.90	113	47026	46.84	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	93.68%	
50) Toluene-d8	10.38	98	84500	38.67	ug/l	-0.03
Spiked Amount	50.000		Recovery	=	77.34%	
62) 4-Bromofluorobenzene	13.54	95	43661	43.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	87.88%	

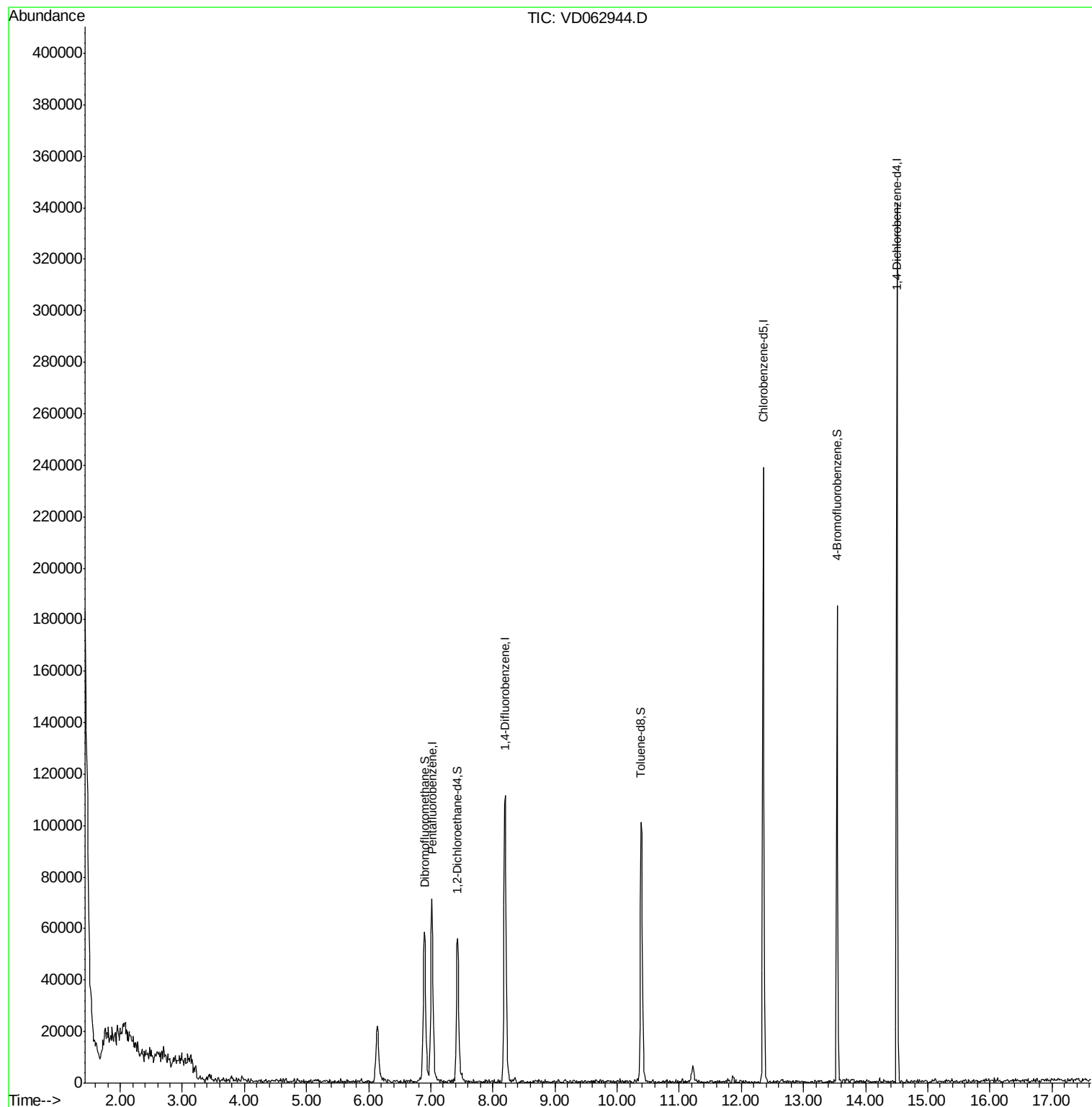
Target Compounds	Qvalue

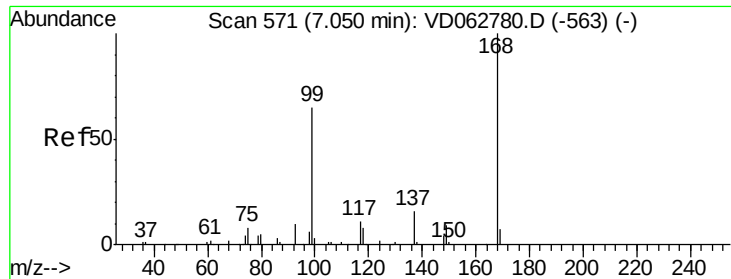
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.02 min Scan# 568

Delta R.T. -0.03 min

Lab File: VD062944.D

Acq: 27 Jun 2019 21:01

Instrument :

MSVOA_D

ClientSampleId :

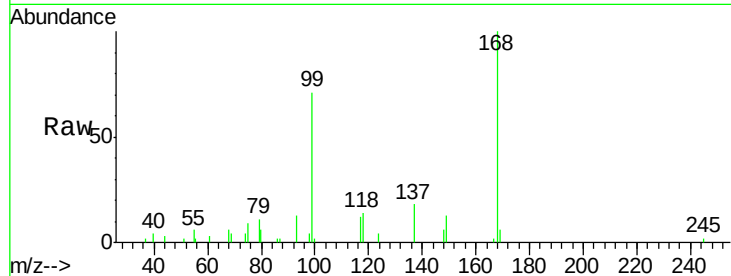
M-5A

Tot Ion:168 Resp: 60438

Ion Ratio Lower Upper

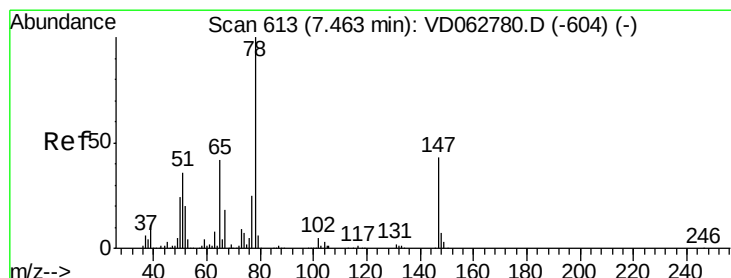
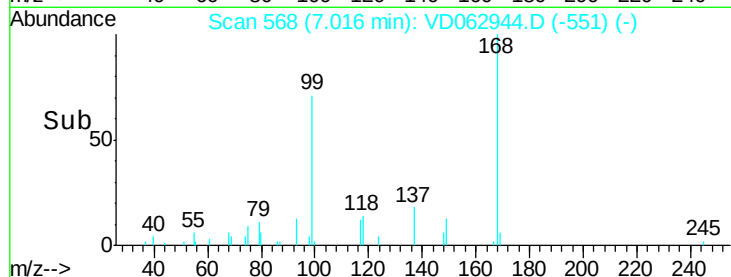
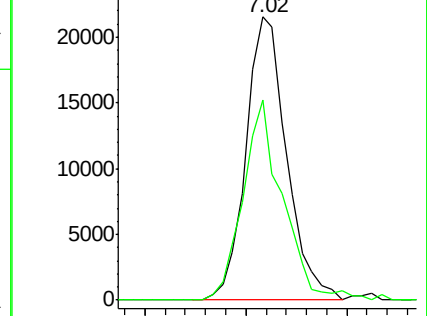
168 100

99 70.6 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: 98.359 ug/l

RT: 7.42 min Scan# 609

Delta R.T. -0.04 min

Lab File: VD062944.D

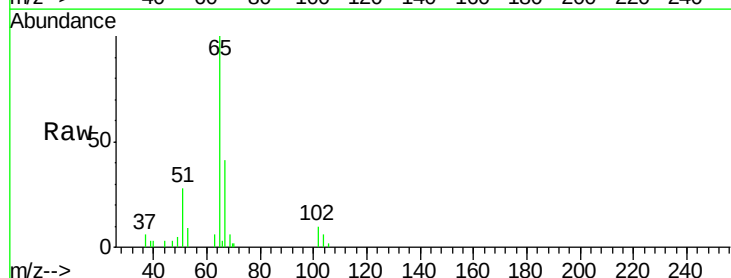
Acq: 27 Jun 2019 21:01

Tgt Ion: 65 Resp: 64617

Ion Ratio Lower Upper

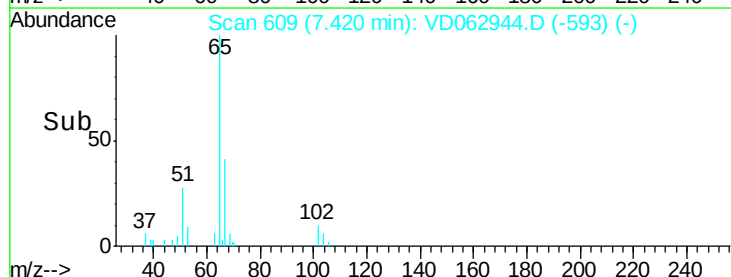
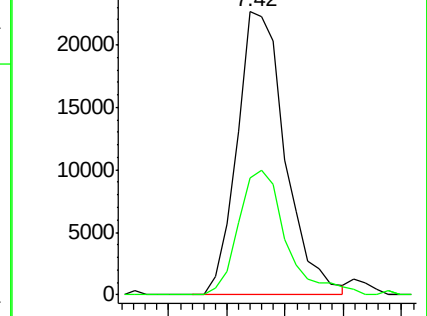
65 100

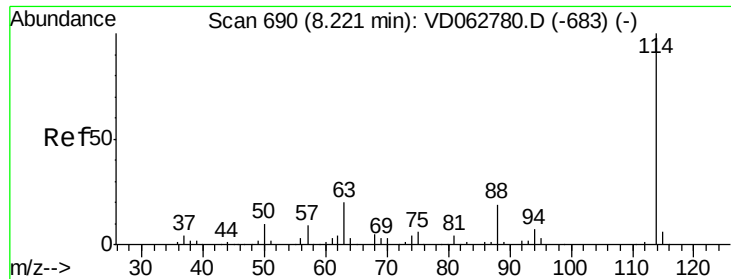
67 41.2 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

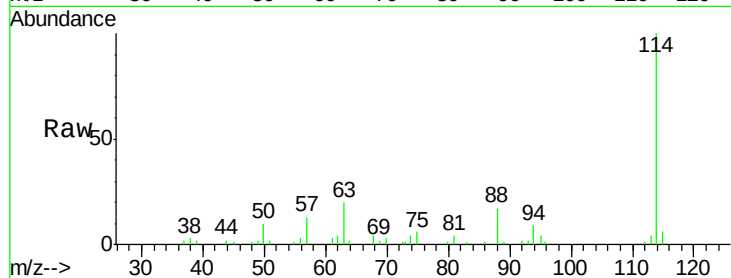




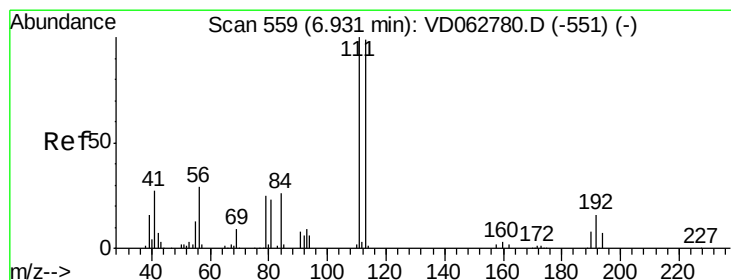
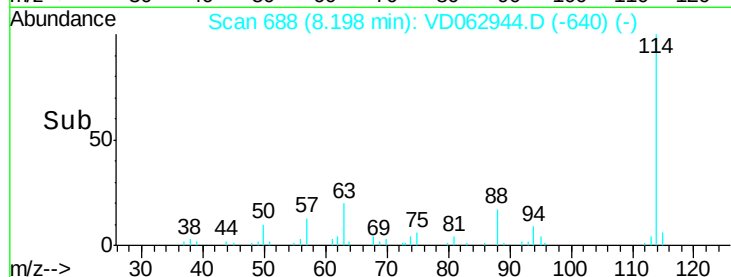
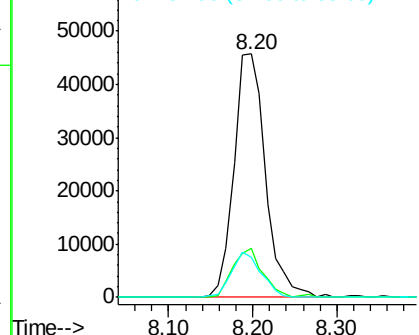
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.20 min Scan# 688
Delta R.T. -0.02 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

Instrument :
MSVOA_D
ClientSampleId :
M-5A

Tot Ion:114 Resp: 119074
Ion Ratio Lower Upper
114 100
63 20.4 0.0 40.0
88 16.5 0.0 38.8

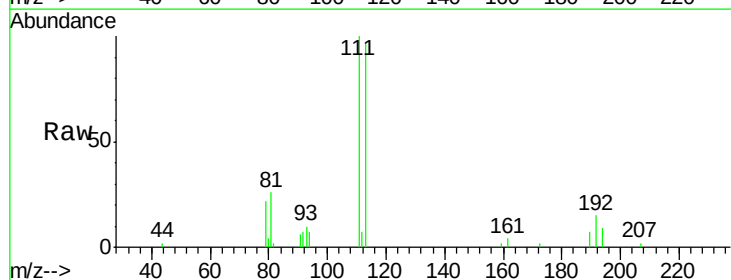


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

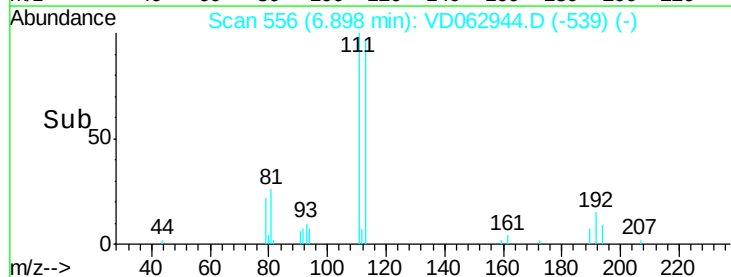
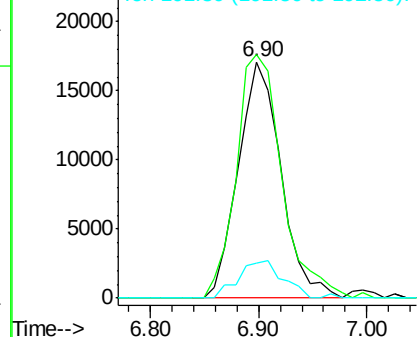


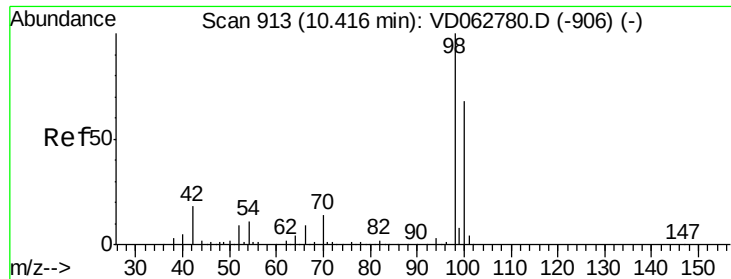
#35
Dibromofluoromethane
Concen: 46.837 ug/l
RT: 6.90 min Scan# 556
Delta R.T. -0.03 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

Tgt Ion:113 Resp: 47026
Ion Ratio Lower Upper
113 100
111 102.9 81.2 121.8
192 15.0 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

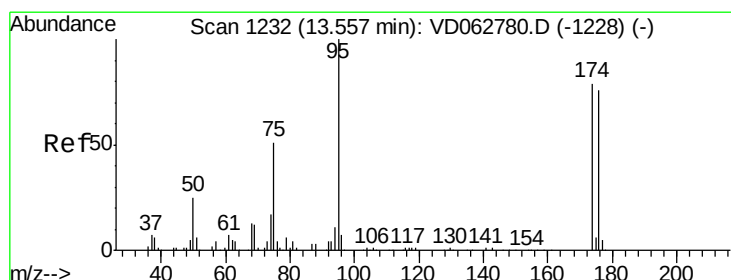
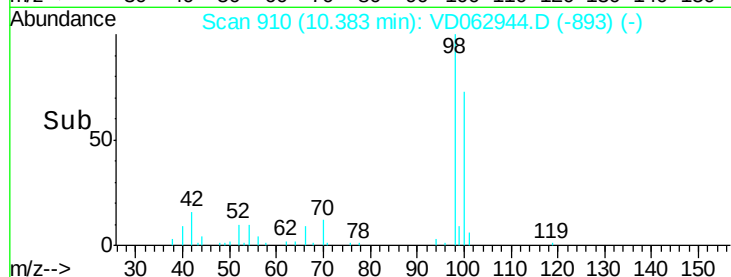
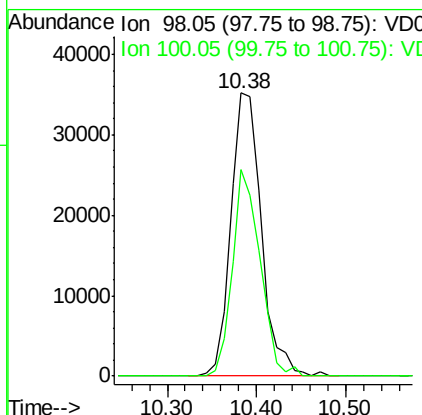
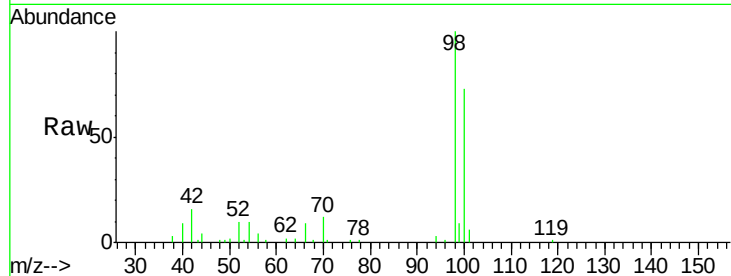




#50
Toluene-d8
Concen: 38.669 ug/l
RT: 10.38 min Scan# 910
Delta R.T. -0.03 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

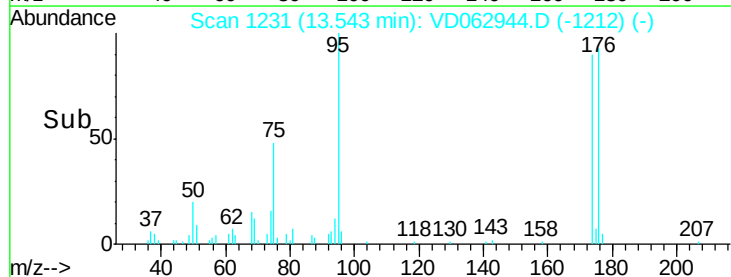
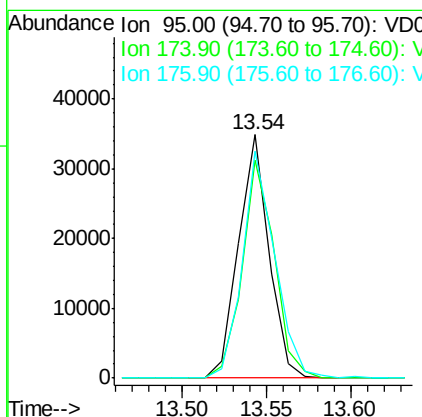
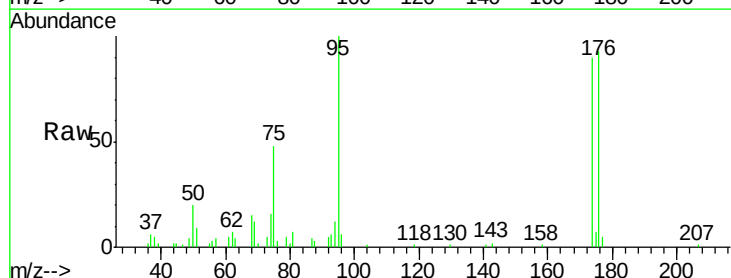
Instrument :
MSVOA_D
ClientSampleId :
M-5A

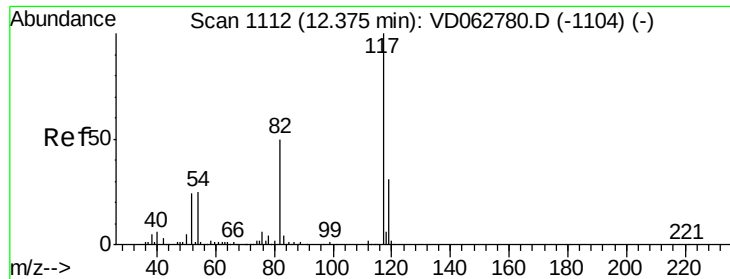
Tot Ion: 98 Resp: 84500
Ion Ratio Lower Upper
98 100
100 73.1 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 43.941 ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

Tgt Ion: 95 Resp: 43661
Ion Ratio Lower Upper
95 100
174 89.7 0.0 158.0
176 93.2 0.0 151.6

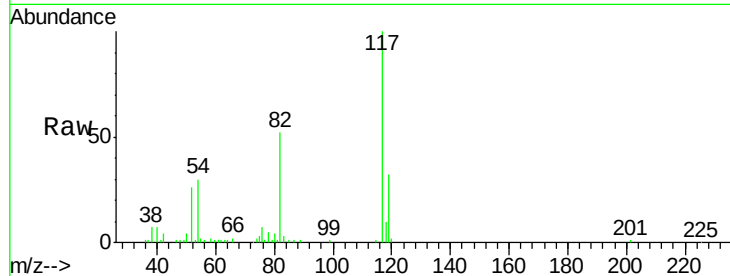




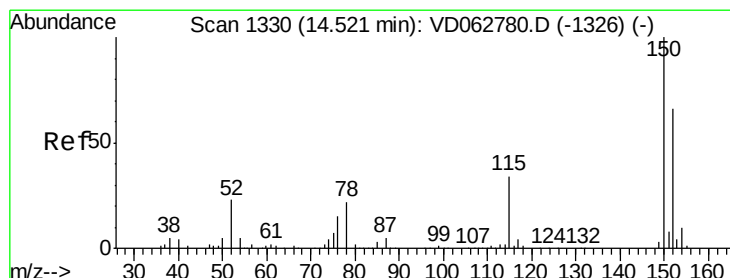
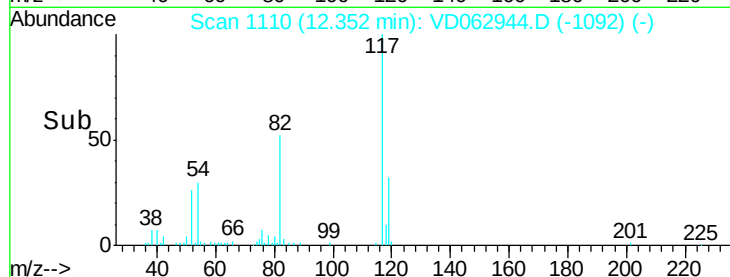
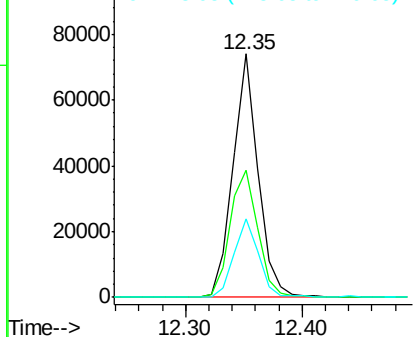
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.02 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

Instrument :
MSVOA_D
ClientSampleId :
M-5A

Tot Ion:117 Resp: 110702
Ion Ratio Lower Upper
117 100
82 52.3 40.4 60.6
119 32.1 25.2 37.8

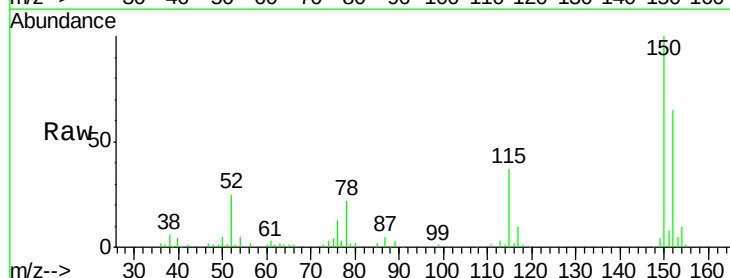


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.51 min Scan# 1329
Delta R.T. -0.01 min
Lab File: VD062944.D
Acq: 27 Jun 2019 21:01

Tgt Ion:152 Resp: 69296
Ion Ratio Lower Upper
152 100
115 56.6 29.2 87.6
150 153.2 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

