

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062619\
 Data File : VD062920.D
 Acq On : 26 Jun 2019 16:26
 Operator : VA/AP
 Sample : K3526-05
 Misc : 5.05g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-14.5-15.0

Quant Time: Jun 27 09:27:02 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	7.05	168	756110	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	919543	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	805710	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	432658	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	388055	47.22	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	94.44%	
35) Dibromofluoromethane	6.92	113	431422	55.64	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	111.28%	
50) Toluene-d8	10.40	98	890380	52.76	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	105.52%	
62) 4-Bromofluorobenzene	13.55	95	425389	55.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.88%	

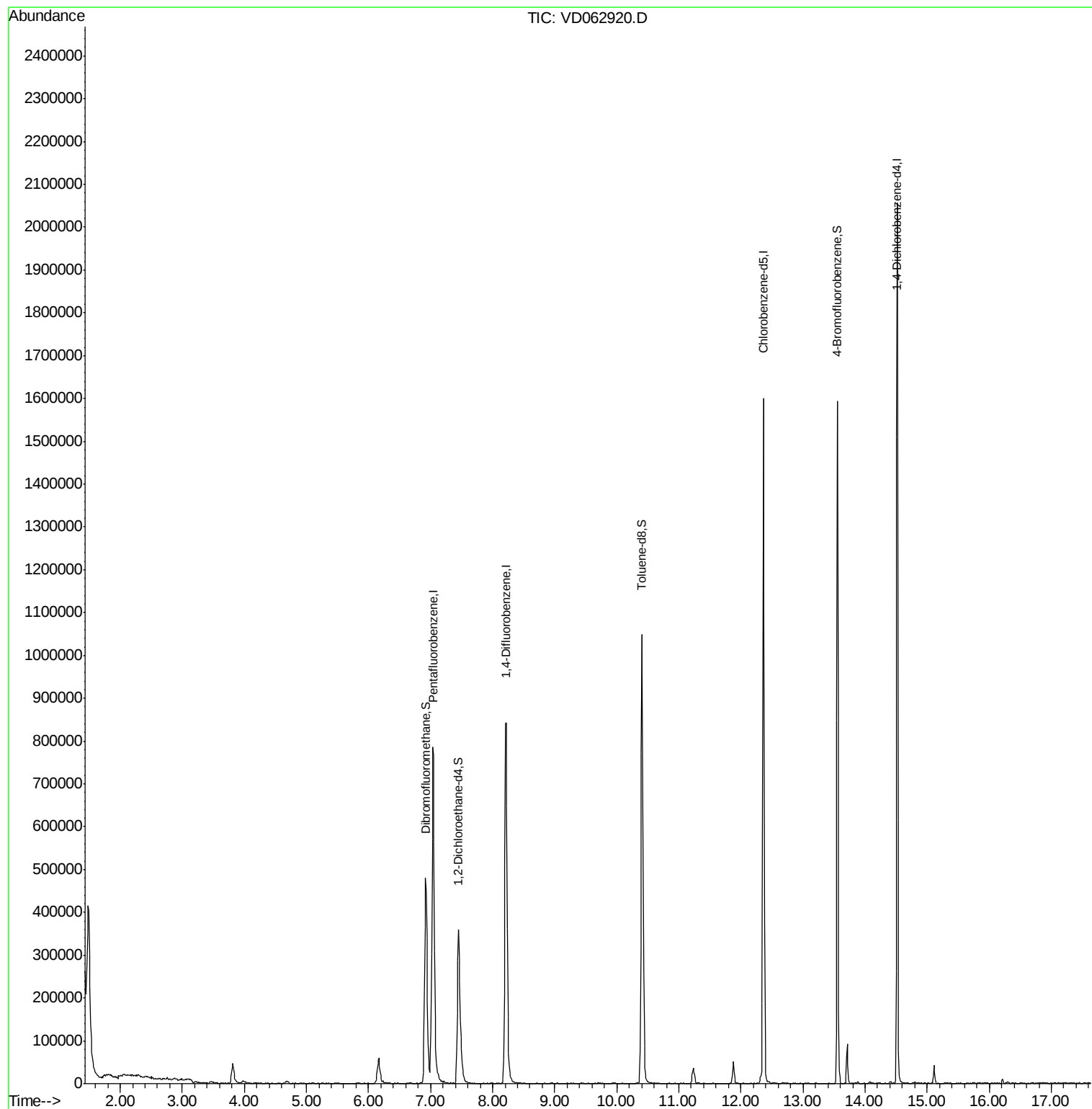
Target Compounds	Qvalue

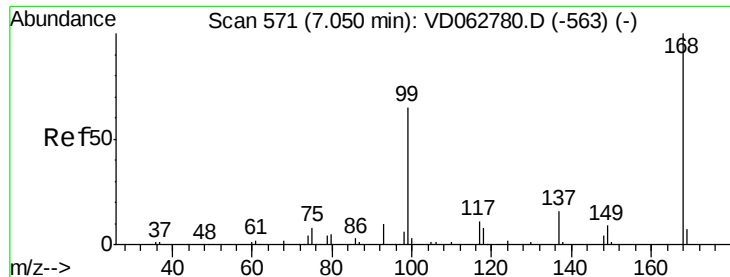
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062619\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062920.D

Acq: 26 Jun 2019 16:26

Instrument :

MSVOA_D

ClientSampleId :

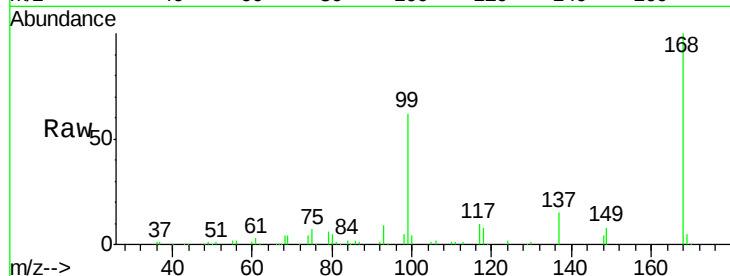
SB-03-14.5-15.0

Tot Ion:168 Resp: 756110

Ion Ratio Lower Upper

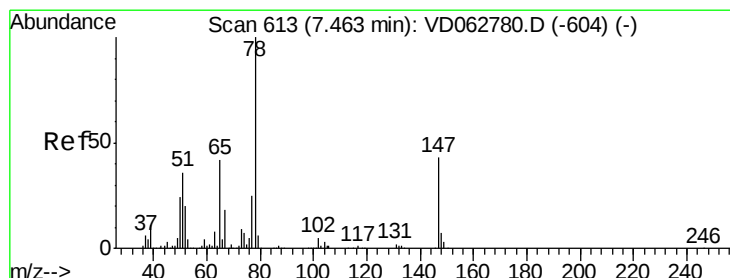
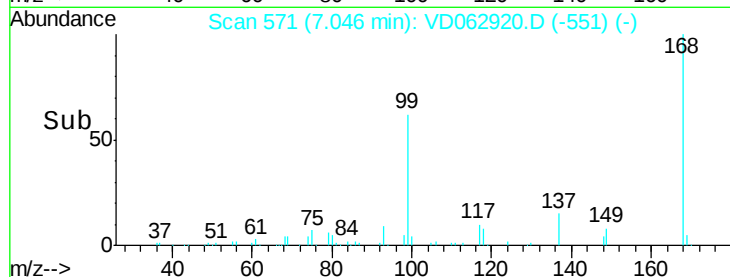
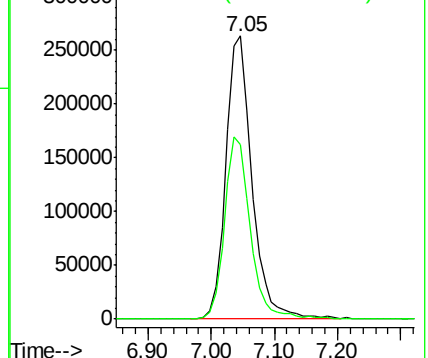
168 100

99 61.5 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: 47.216 ug/l

RT: 7.45 min Scan# 612

Delta R.T. -0.01 min

Lab File: VD062920.D

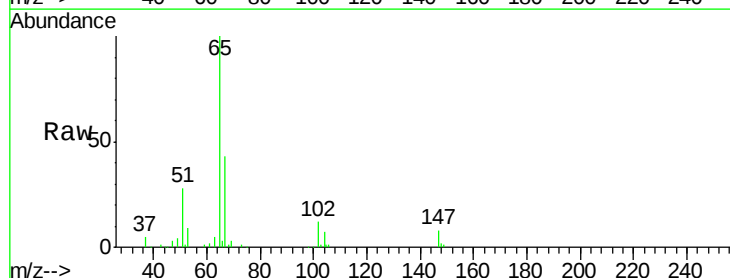
Acq: 26 Jun 2019 16:26

Tgt Ion: 65 Resp: 388055

Ion Ratio Lower Upper

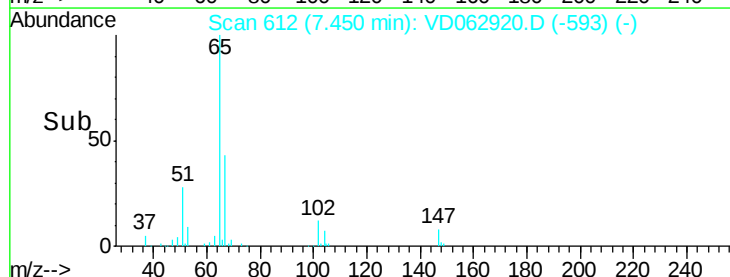
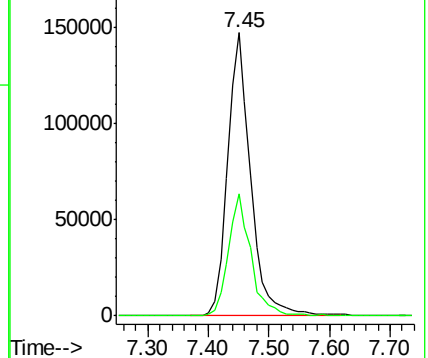
65 100

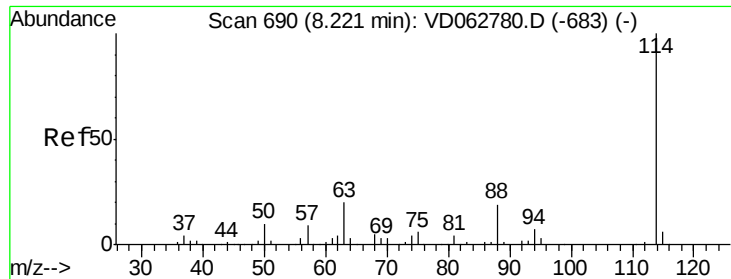
67 43.0 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

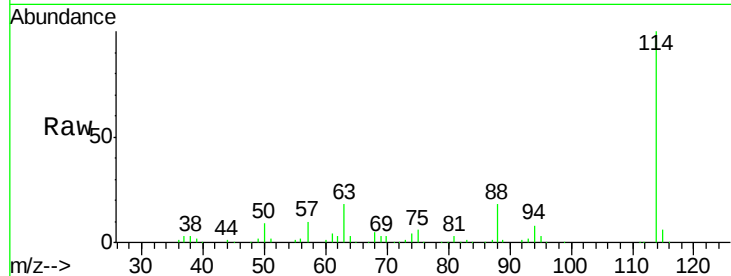




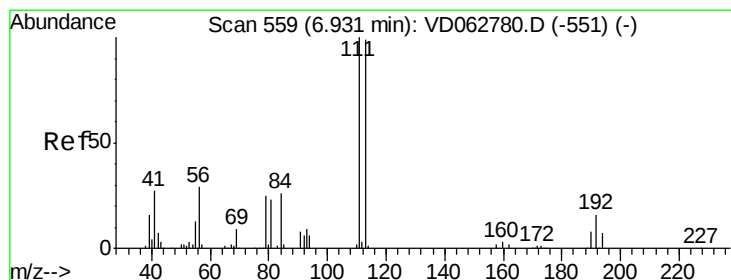
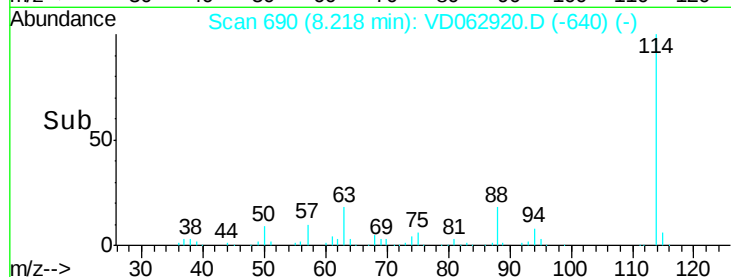
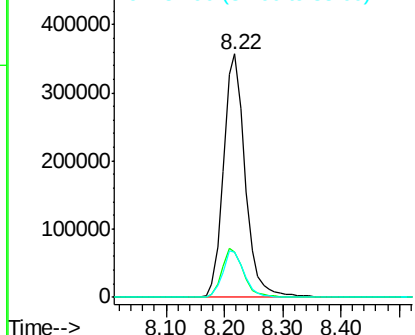
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.22 min Scan# 690
Delta R.T. -0.00 min
Lab File: VD062920.D
Acq: 26 Jun 2019 16:26

Instrument :
MSVOA_D
ClientSampleId :
SB-03-14.5-15.0

Tot Ion:114 Resp: 919543
Ion Ratio Lower Upper
114 100
63 18.4 0.0 40.0
88 18.5 0.0 38.8

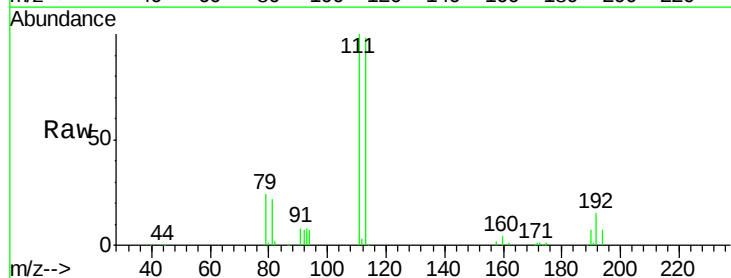


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 62.95 (62.65 to 63.65): V
Ion 87.90 (87.60 to 88.60): V

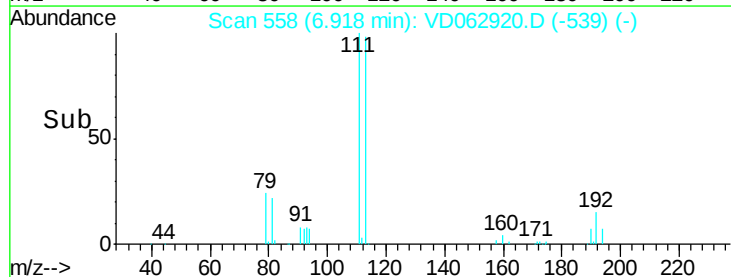
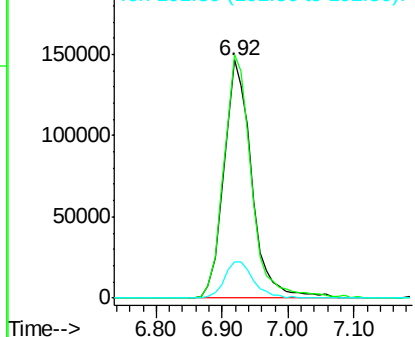


#35
Dibromofluoromethane
Concen: 55.642 ug/l
RT: 6.92 min Scan# 558
Delta R.T. -0.01 min
Lab File: VD062920.D
Acq: 26 Jun 2019 16:26

Tgt Ion:113 Resp: 431422
Ion Ratio Lower Upper
113 100
111 102.3 81.2 121.8
192 15.1 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

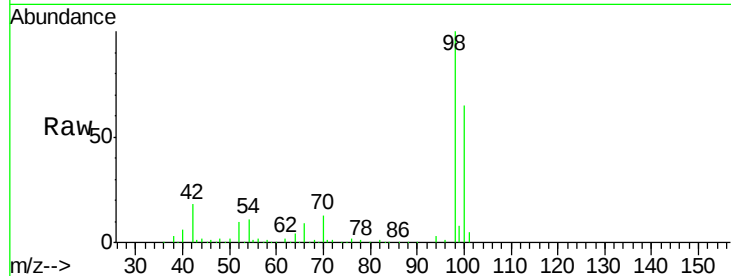




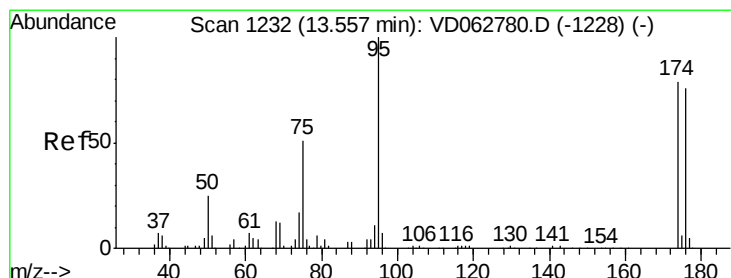
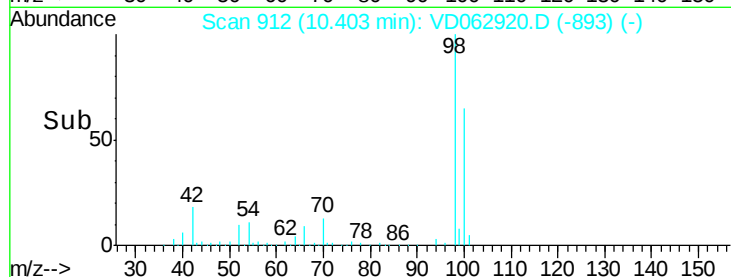
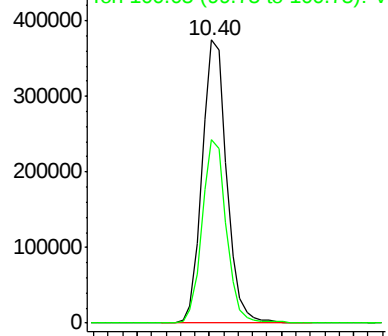
#50
Toluene-d8
Concen: 52.762 ug/l
RT: 10.40 min Scan# 912
Delta R.T. -0.01 min
Lab File: VD062920.D
Acq: 26 Jun 2019 16:26

Instrument :
MSVOA_D
ClientSampleId :
SB-03-14.5-15.0

Tot Ion: 98 Resp: 890380
Ion Ratio Lower Upper
98 100
100 64.9 54.7 82.1

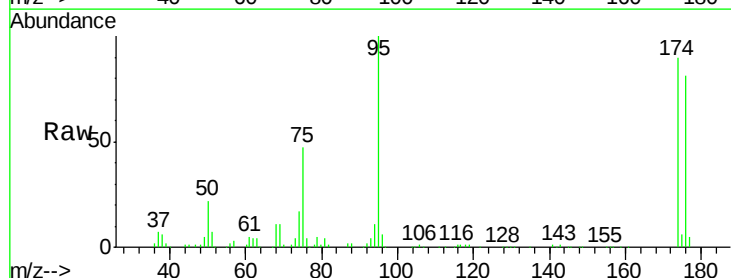


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD062920.D (-893) (-)

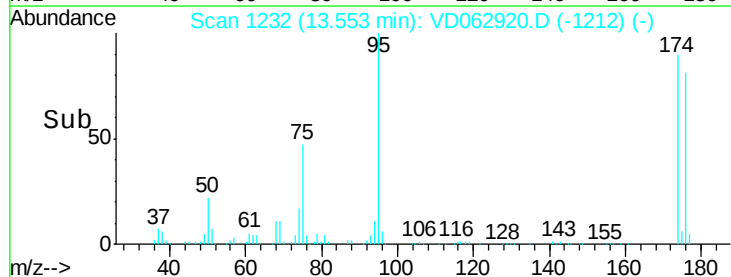
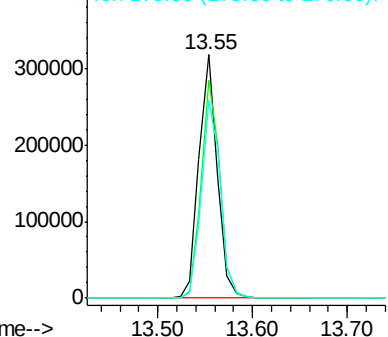


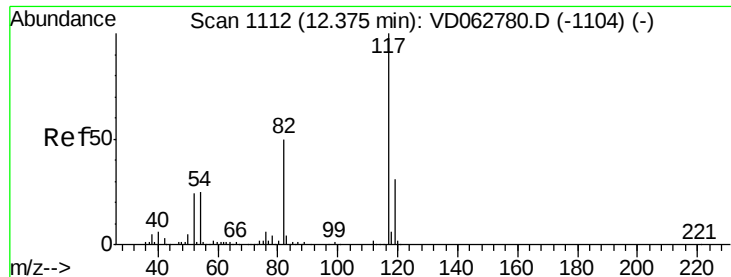
#62
4-Bromofluorobenzene
Concen: 55.437 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062920.D
Acq: 26 Jun 2019 16:26

Tgt Ion: 95 Resp: 425389
Ion Ratio Lower Upper
95 100
174 89.6 0.0 158.0
176 81.3 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD062920.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD062920.D (-1212) (-)

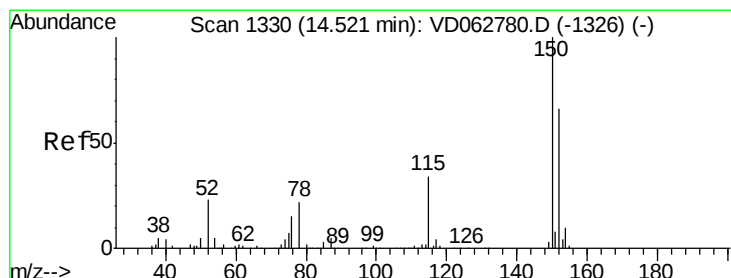
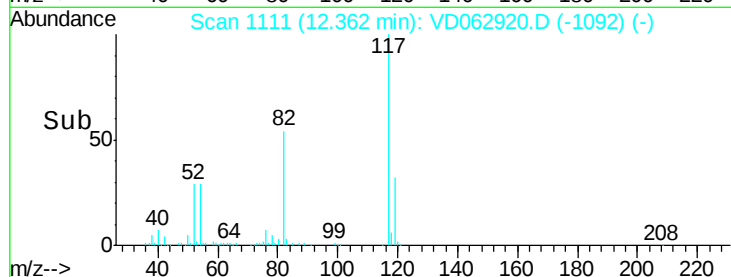
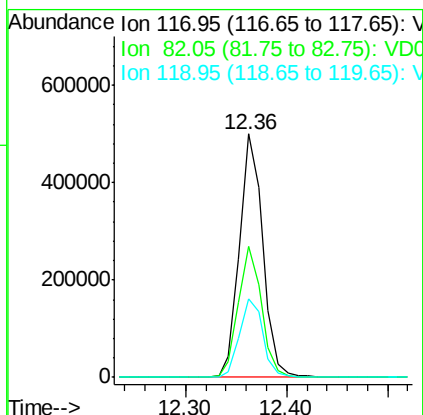
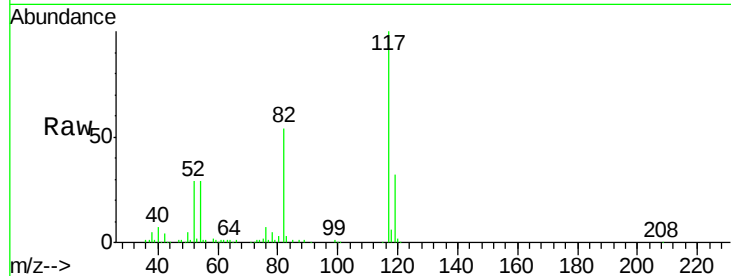




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062920.D
Acq: 26 Jun 2019 16:26

Instrument :
MSVOA_D
ClientSampleId :
SB-03-14.5-15.0

Tot Ion:117 Resp: 805710
Ion Ratio Lower Upper
117 100
82 53.9 40.4 60.6
119 32.2 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: VD062920.D
Acq: 26 Jun 2019 16:26

Tgt Ion:152 Resp: 432658
Ion Ratio Lower Upper
152 100
115 53.8 29.2 87.6
150 156.8 0.0 305.8

