

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070319\
 Data File : VD063028.D
 Acq On : 3 Jul 2019 16:58
 Operator : VA/AP
 Sample : K3681-02
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-07-01-19

Quant Time: Jul 04 02:08:43 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	847865	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1103462	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	828320	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	357755	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	442177	47.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.96%	
35) Dibromofluoromethane	6.93	113	512394	55.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.14%	
50) Toluene-d8	10.41	98	1003536	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	13.55	95	392272	42.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.20%	

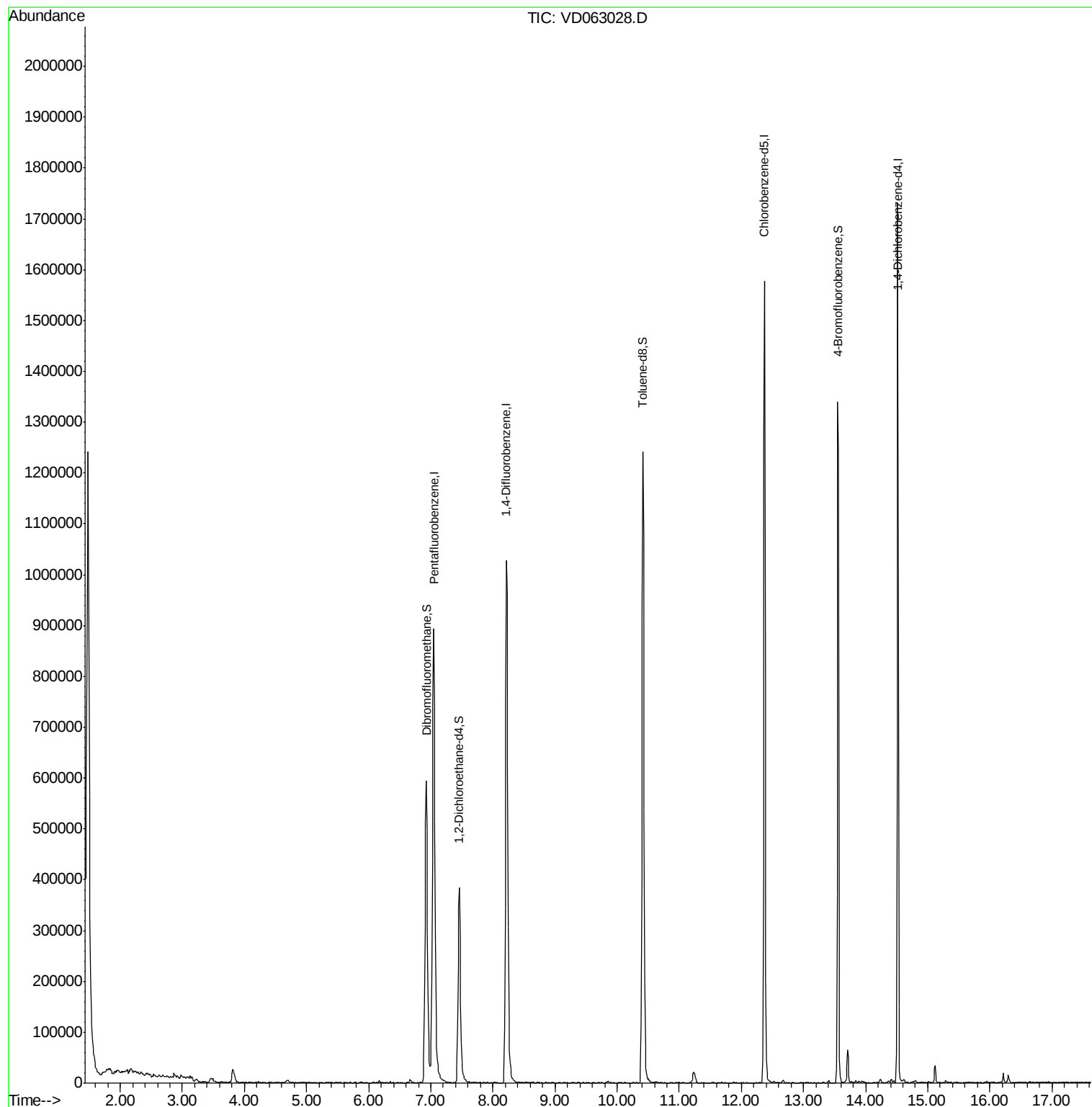
Target Compounds	Qvalue

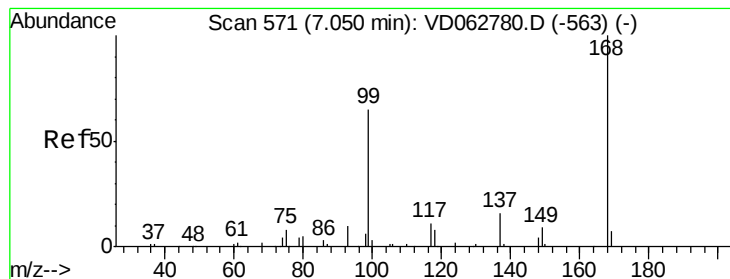
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD063028.D

Acq: 3 Jul 2019 16:58

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MSVOA_D

ClientSampleId :

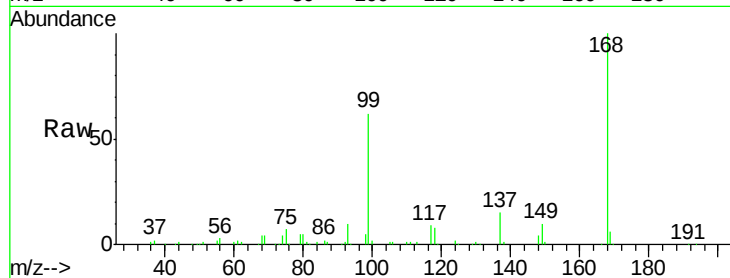
TOP-SOIL-07-01-19

Tot Ion:168 Resp: 847865

Ion Ratio Lower Upper

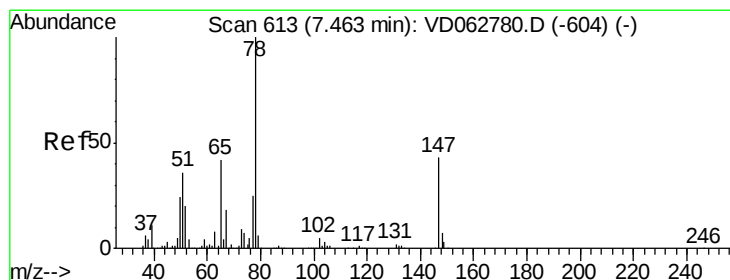
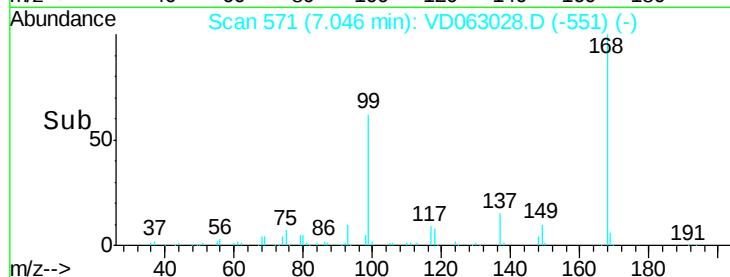
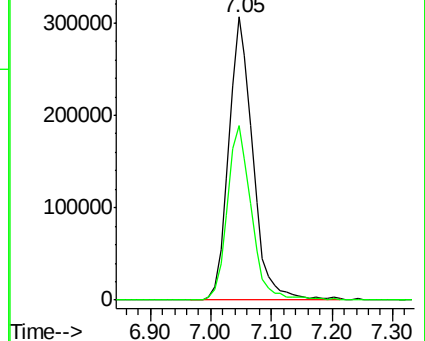
168 100

99 61.7 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: 47.978 ug/l

RT: 7.46 min Scan# 613

Delta R.T. -0.00 min

Lab File: VD063028.D

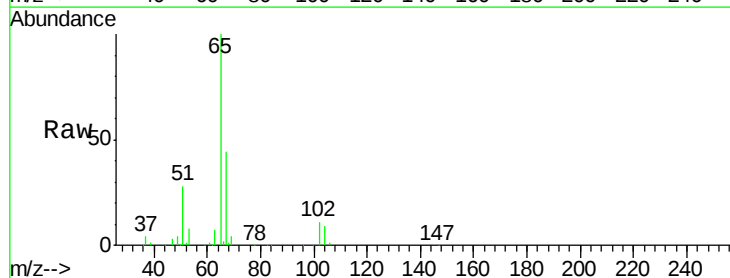
Acq: 3 Jul 2019 16:58

Tgt Ion: 65 Resp: 442177

Ion Ratio Lower Upper

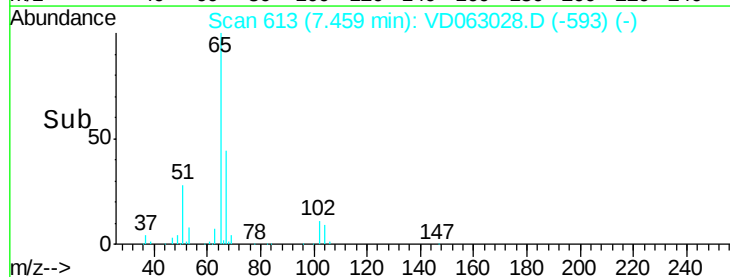
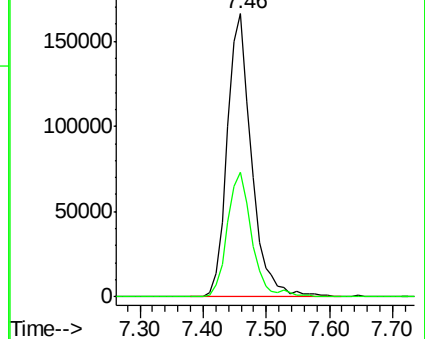
65 100

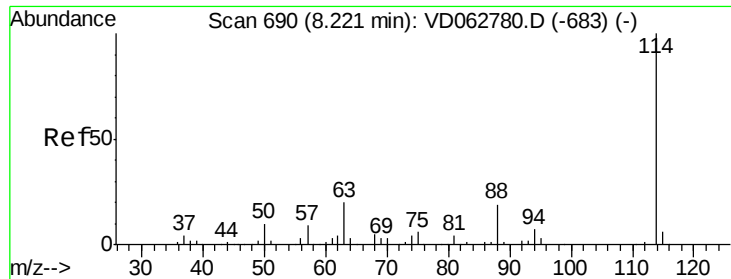
67 43.9 0.0 87.4



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

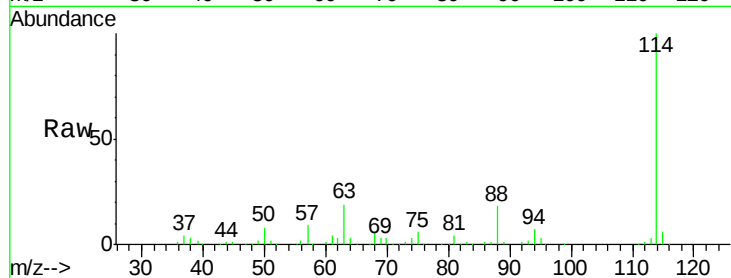




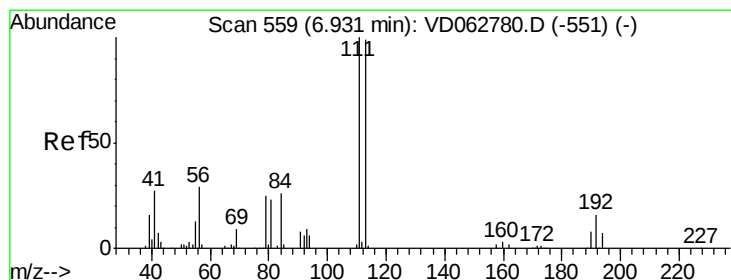
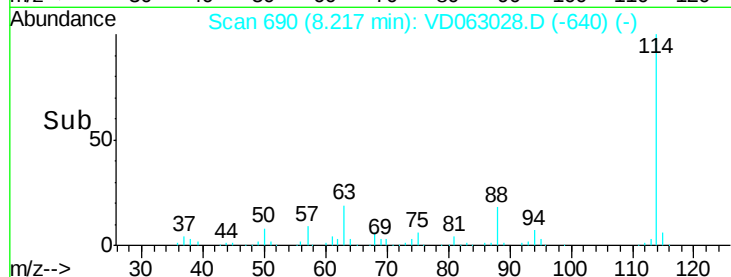
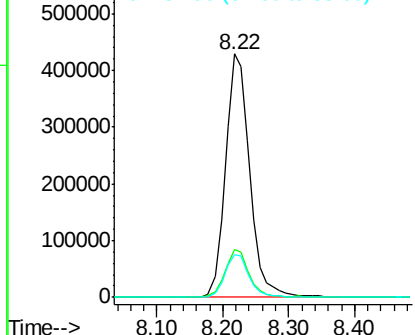
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD063028.D
 Acq: 3 Jul 2019 16:58

Instrument :
 MSVOA_D
 ClientSampleId :
 TOP-SOIL-07-01-19

Tot Ion:114 Resp: 1103462
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 40.0
 88 17.7 0.0 38.8

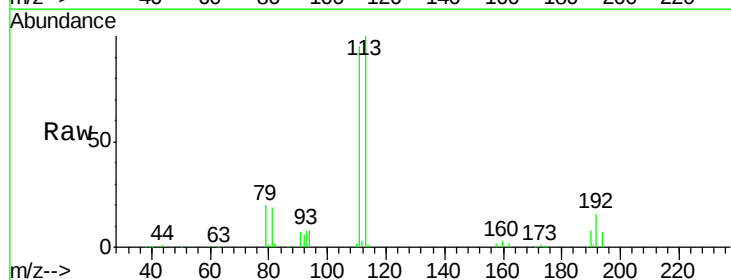


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

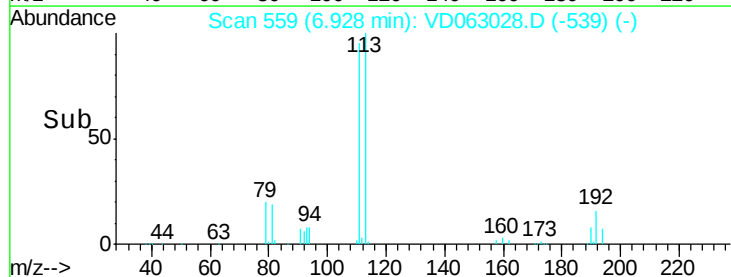
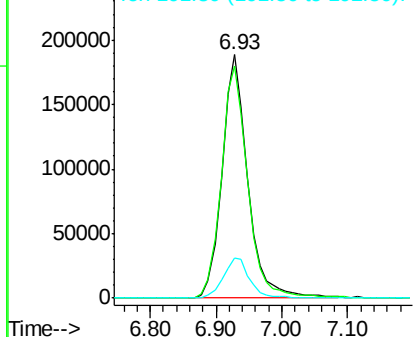


#35
 Dibromofluoromethane
 Concen: 55.070 ug/l
 RT: 6.93 min Scan# 559
 Delta R.T. -0.00 min
 Lab File: VD063028.D
 Acq: 3 Jul 2019 16:58

Tgt Ion:113 Resp: 512394
 Ion Ratio Lower Upper
 113 100
 111 95.4 81.2 121.8
 192 16.4 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

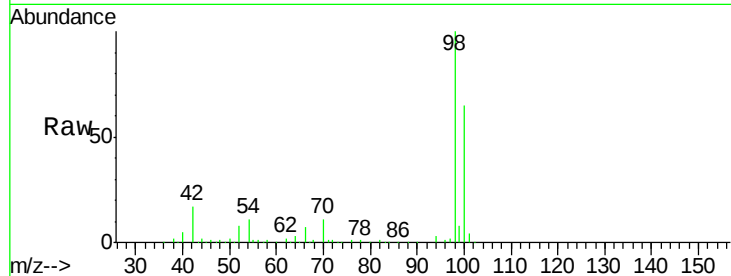




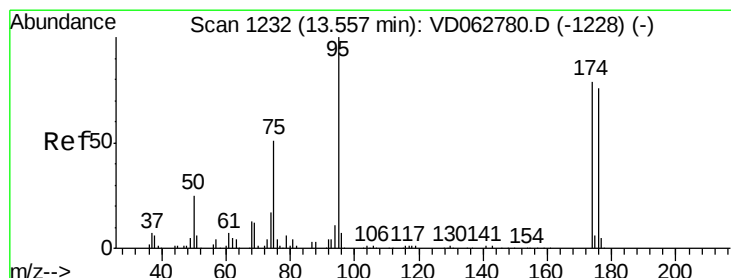
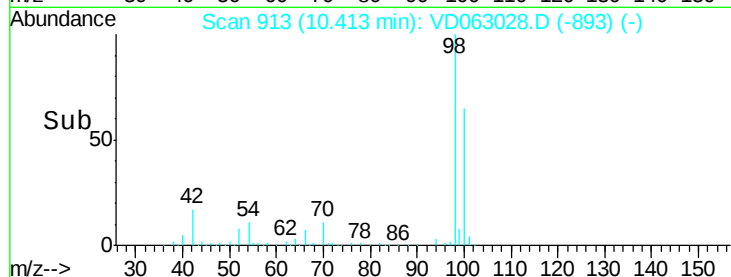
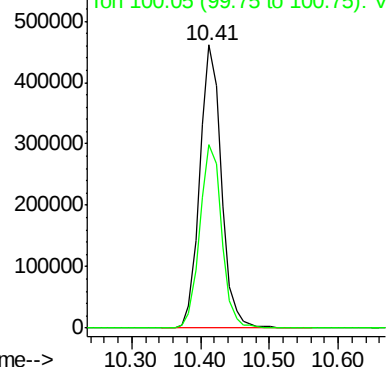
#50
Toluene-d8
Concen: 49.556 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD063028.D
Acq: 3 Jul 2019 16:58

Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-07-01-19

Tot Ion: 98 Resp: 1003536
Ion Ratio Lower Upper
98 100
100 64.9 54.7 82.1

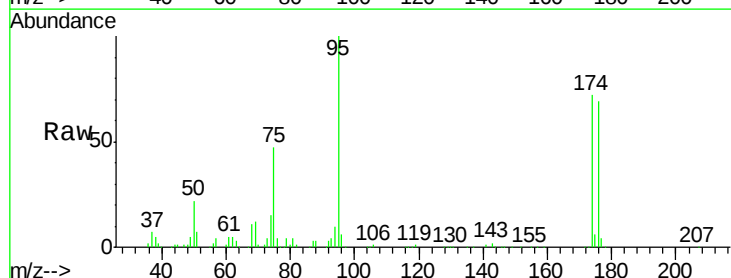


Abundance Ion 98.05 (97.75 to 98.75): VD062780.D (-906) (-)
Ion 100.05 (99.75 to 100.75): VD063028.D (-893) (-)

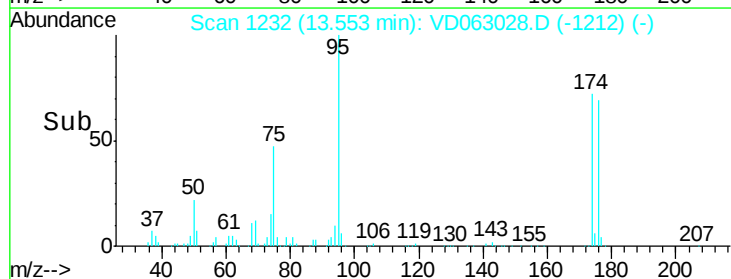
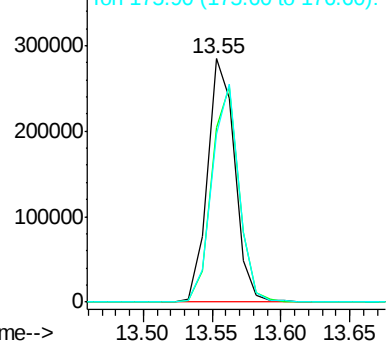


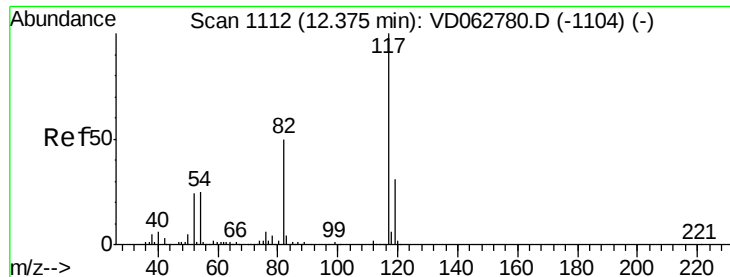
#62
4-Bromofluorobenzene
Concen: 42.601 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD063028.D
Acq: 3 Jul 2019 16:58

Tgt Ion: 95 Resp: 392272
Ion Ratio Lower Upper
95 100
174 71.8 0.0 158.0
176 69.0 0.0 151.6



Abundance Ion 95.00 (94.70 to 95.70): VD062780.D (-1228) (-)
Ion 173.90 (173.60 to 174.60): VD063028.D (-1212) (-)
Ion 175.90 (175.60 to 176.60): VD063028.D (-1212) (-)

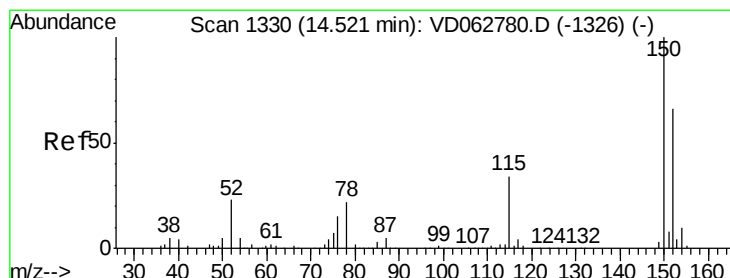
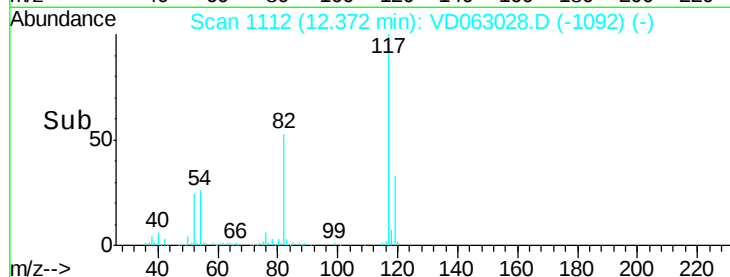
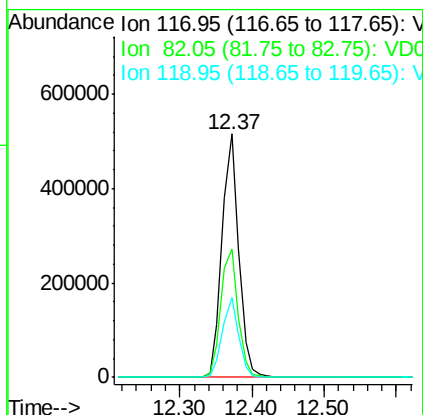
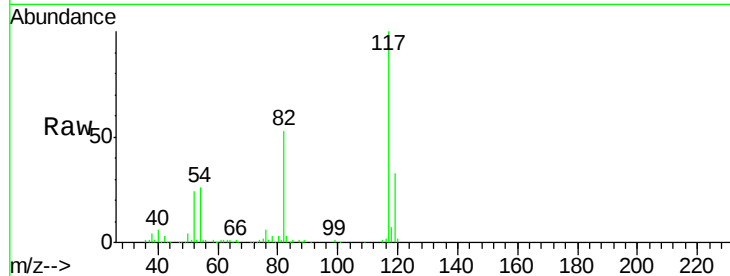




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. -0.00 min
Lab File: VD063028.D
Acq: 3 Jul 2019 16:58

Instrument :
MSVOA_D
ClientSampleId :
TOP-SOIL-07-01-19

Tot Ion:117 Resp: 828320
Ion Ratio Lower Upper
117 100
82 52.9 40.4 60.6
119 32.6 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: VD063028.D
Acq: 3 Jul 2019 16:58

Tgt Ion:152 Resp: 357755
Ion Ratio Lower Upper
152 100
115 59.2 29.2 87.6
150 152.4 0.0 305.8

