

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD071619\
 Data File : VD063101.D
 Acq On : 16 Jul 2019 12:48
 Operator : VA/AP
 Sample : K3761-01
 Misc : 5.06g/5ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Quant Time: Jul 17 07:50:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D071519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 16 08:11:56 2019
 Response via : Initial Calibration

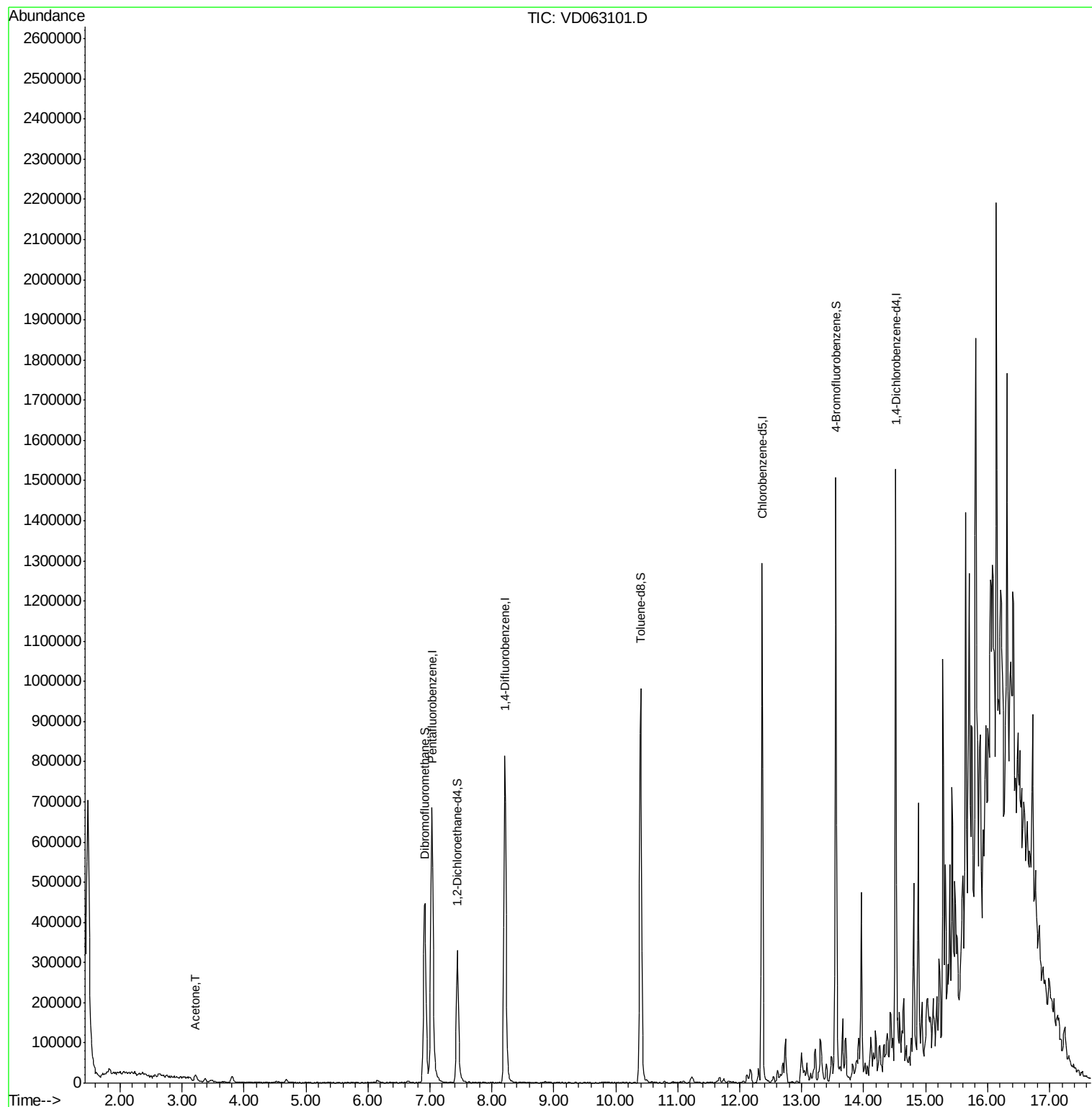
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	664760	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.21	114	907478	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	704042	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	327753	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	379593	45.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.68%	
35) Dibromofluoromethane	6.92	113	406225	44.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.88%	
50) Toluene-d8	10.40	98	791000	40.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	81.48%	
62) 4-Bromofluorobenzene	13.55	95	385408	42.91	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.82%	
Target Compounds						
16) Acetone	3.22	43	37049	18.524	ug/l #	Qvalue 87

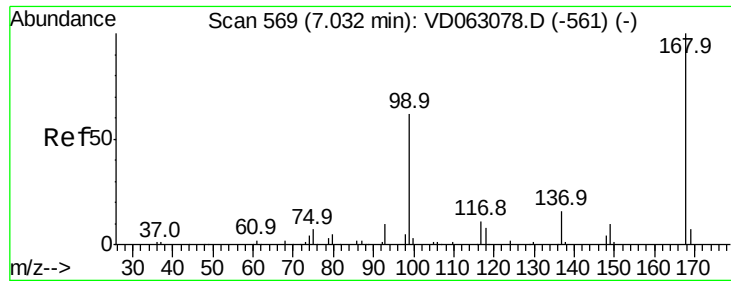
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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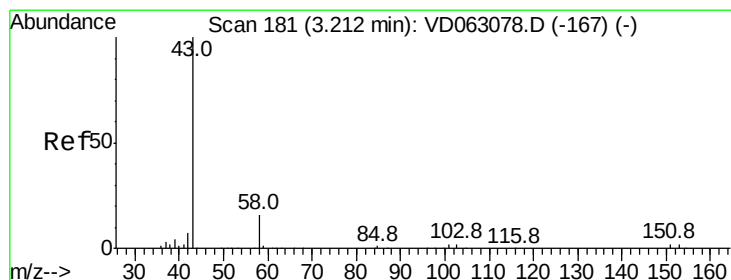
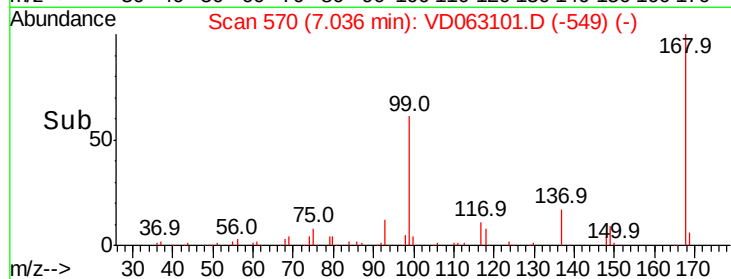
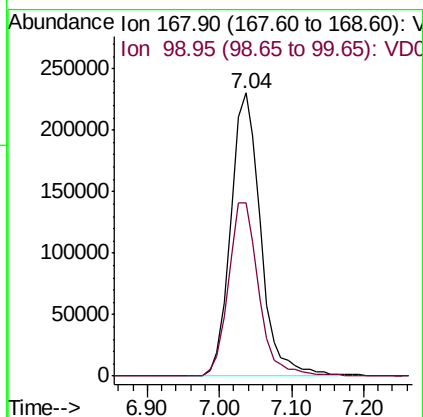
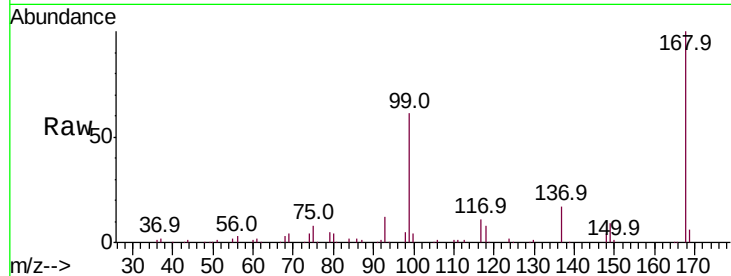




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.04 min Scan# 570
Delta R.T. 0.00 min
Lab File: VD063101.D
Acq: 16 Jul 2019 12:48

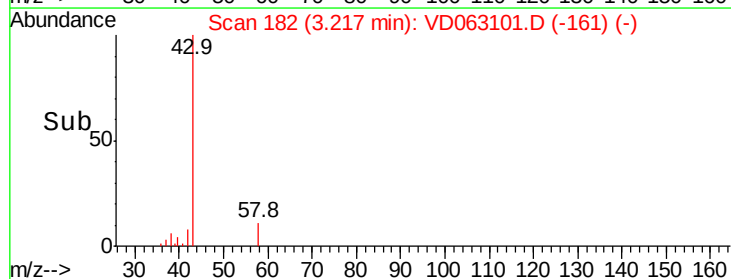
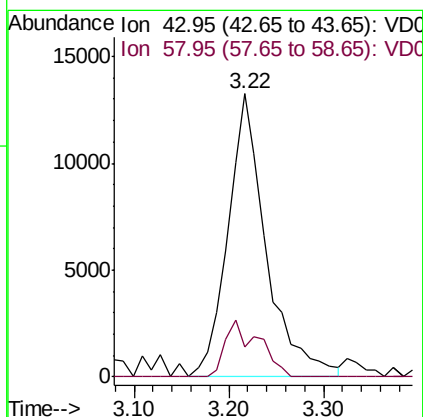
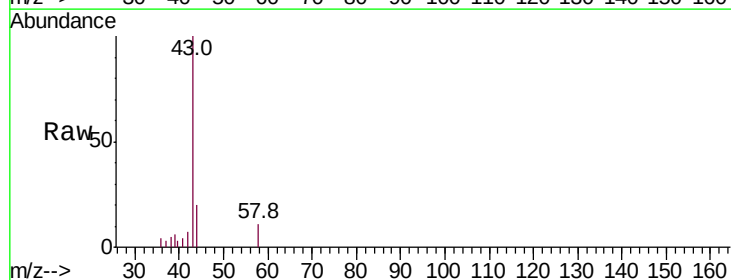
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

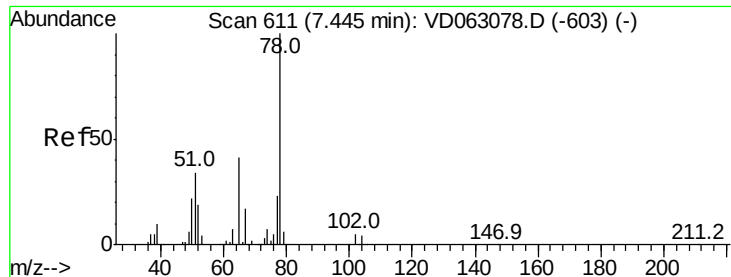
Tot Ion:168 Resp: 664760
Ion Ratio Lower Upper
168 100
99 61.3 50.8 76.2



#16
Acetone
Concen: 18.524 ug/l
RT: 3.22 min Scan# 182
Delta R.T. 0.00 min
Lab File: VD063101.D
Acq: 16 Jul 2019 12:48

Tgt Ion: 43 Resp: 37049
Ion Ratio Lower Upper
43 100
58 10.5 13.0 19.4#





#33

1,2-Dichloroethane-d4

Concen: 45.840 ug/l

RT: 7.44 min Scan# 611

Delta R.T. -0.01 min

Lab File: VD063101.D

Acq: 16 Jul 2019 12:48

Instrument :

MSVOA_D

ClientSampleId :

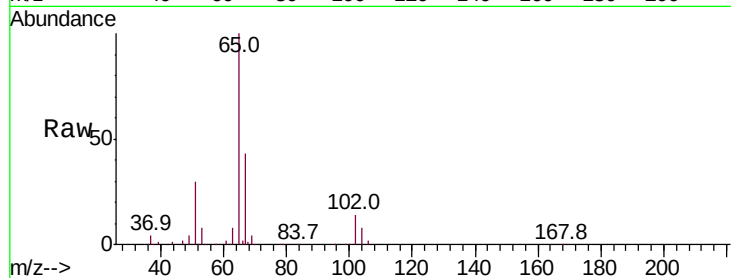
SOIL-DRUM

Tot Ion: 65 Resp: 379593

Ion Ratio Lower Upper

65 100

67 42.6 0.0 86.0



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

7.44

150000

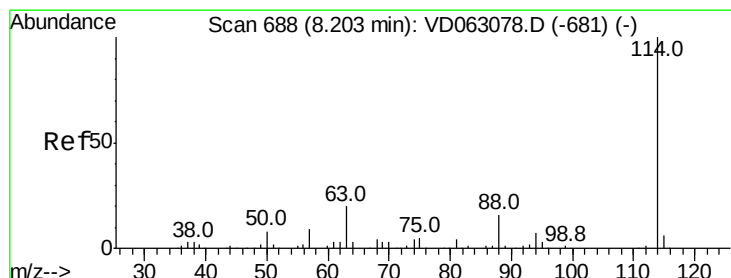
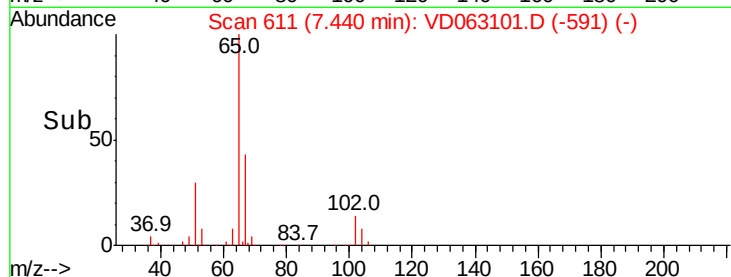
100000

50000

0

Time-->

7.30 7.40 7.50 7.60



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.21 min Scan# 689

Delta R.T. 0.00 min

Lab File: VD063101.D

Acq: 16 Jul 2019 12:48

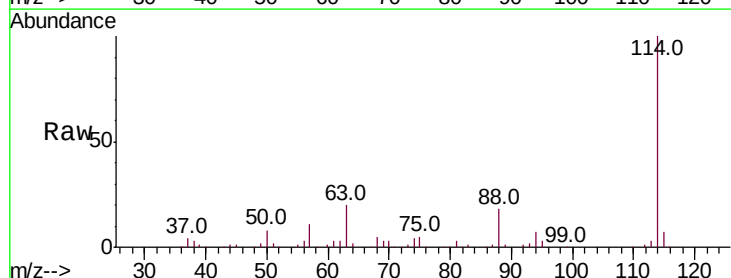
Tgt Ion: 114 Resp: 907478

Ion Ratio Lower Upper

114 100

63 20.4 0.0 40.6

88 18.5 0.0 32.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): VDC

Ion 87.90 (87.60 to 88.60): VDC

8.21

400000

300000

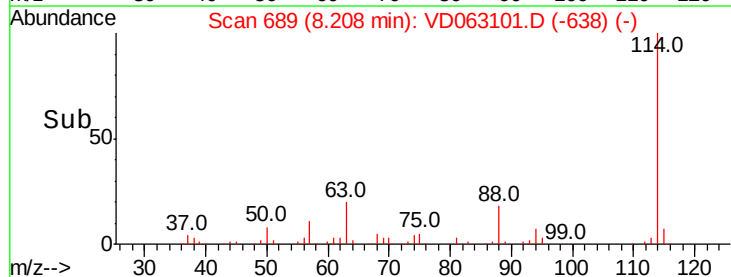
200000

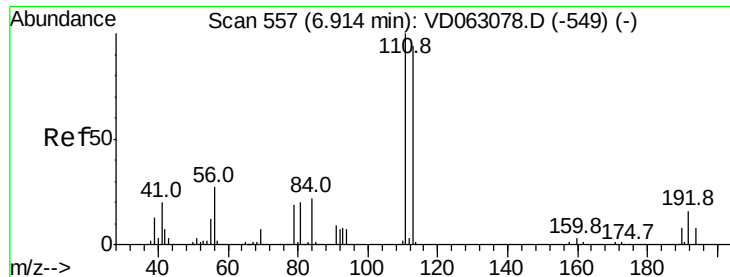
100000

0

Time-->

8.10 8.20 8.30 8.40

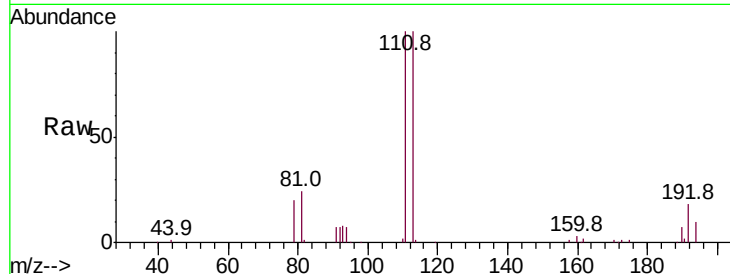




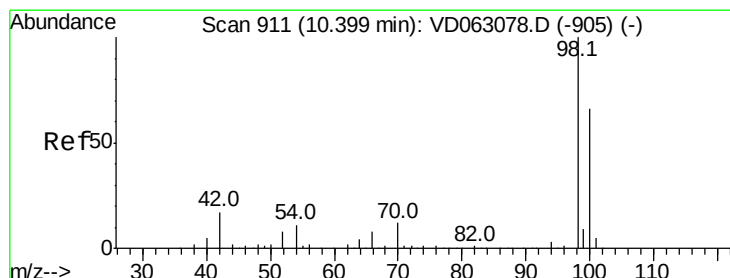
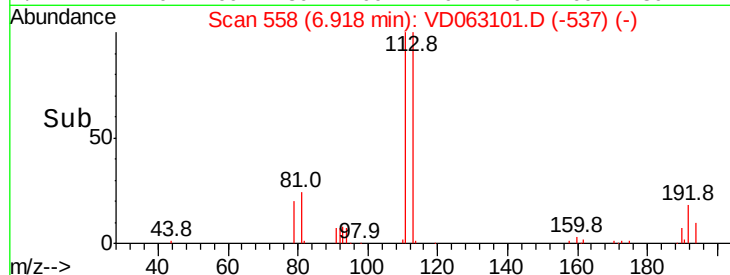
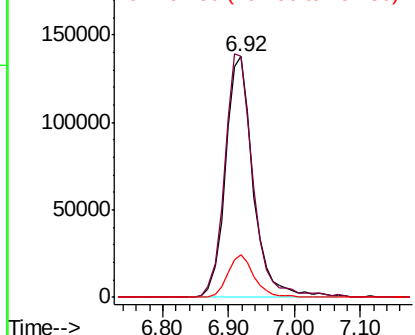
#35
 Dibromofluoromethane
 Concen: 44.943 ug/l
 RT: 6.92 min Scan# 558
 Delta R.T. 0.00 min
 Lab File: VD063101.D
 Acq: 16 Jul 2019 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Tot Ion:113 Resp: 406225
 Ion Ratio Lower Upper
 113 100
 111 100.0 84.8 127.2
 192 17.9 13.4 20.0

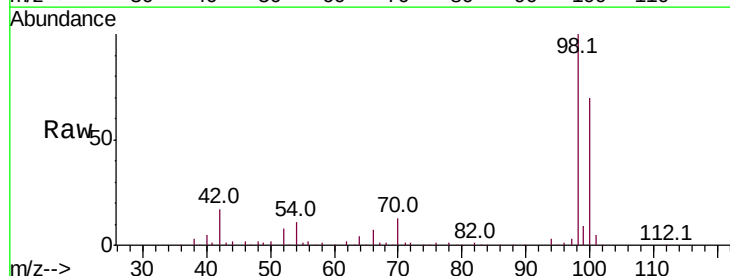


Abundance Ion 112.90 (112.60 to 113.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 191.80 (191.50 to 192.50): V

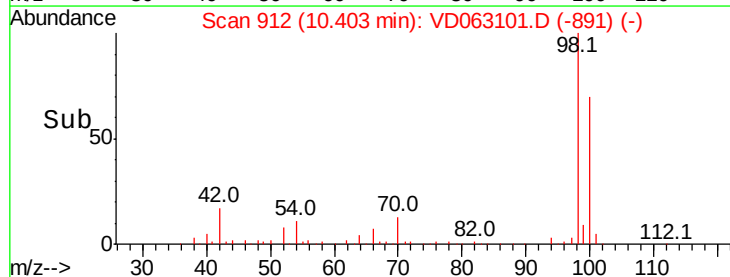
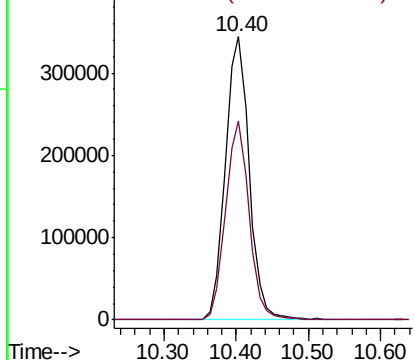


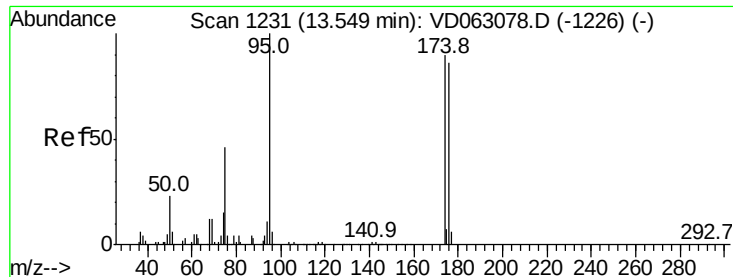
#50
 Toluene-d8
 Concen: 40.741 ug/l
 RT: 10.40 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: VD063101.D
 Acq: 16 Jul 2019 12:48

Tgt Ion: 98 Resp: 791000
 Ion Ratio Lower Upper
 98 100
 100 70.4 53.5 80.3



Abundance Ion 98.05 (97.75 to 98.75): V
 Ion 100.05 (99.75 to 100.75): V

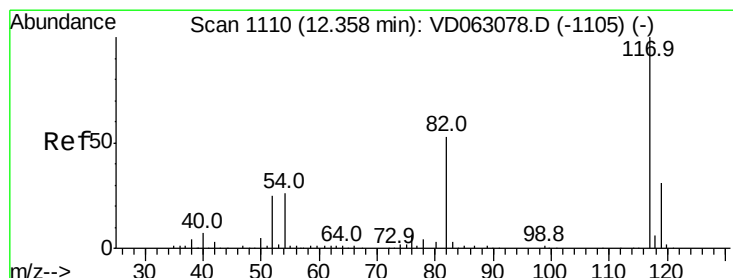
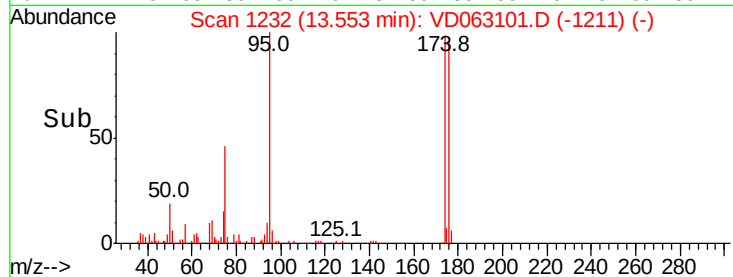
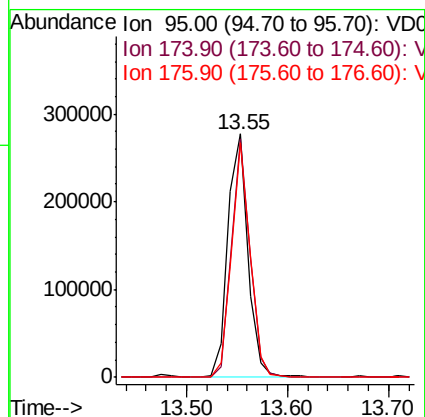
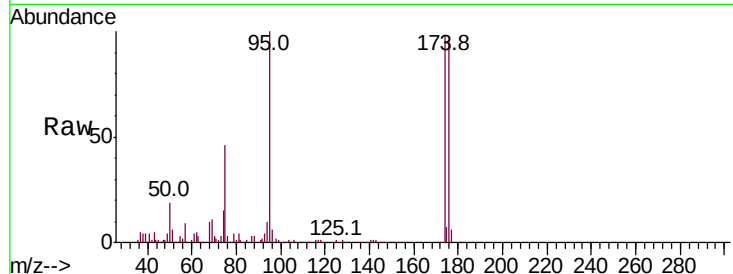




#62
4-Bromofluorobenzene
Concen: 42.908 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. 0.00 min
Lab File: VD063101.D
Acq: 16 Jul 2019 12:48

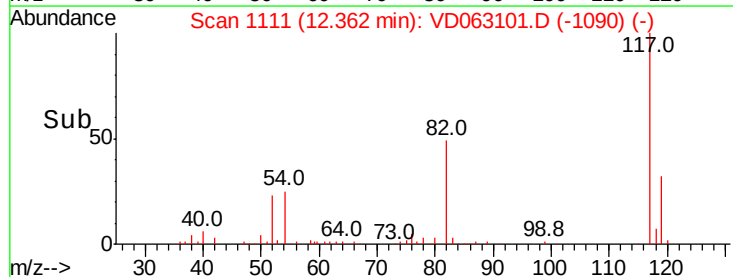
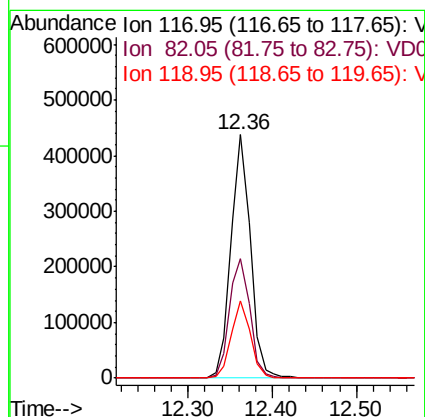
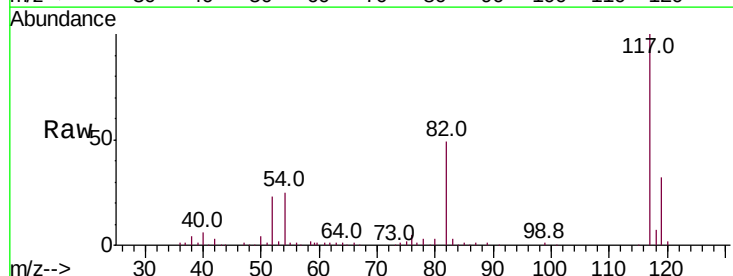
Instrument :
MSVOA_D
ClientSampleId :
SOIL-DRUM

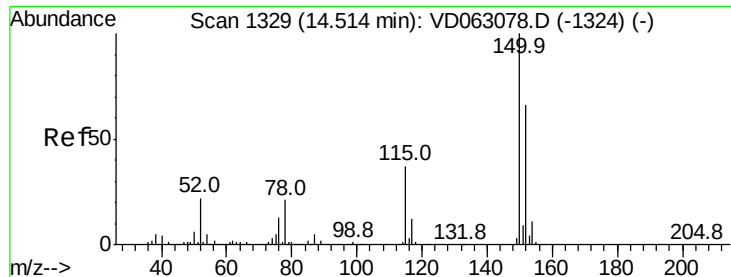
Tot Ion	Ratio	Lower	Upper
95	100		
174	98.0	0.0	180.6
176	96.3	0.0	172.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. 0.00 min
Lab File: VD063101.D
Acq: 16 Jul 2019 12:48

Tgt Ion	Ratio	Lower	Upper
117	100		
82	48.9	42.3	63.5
119	31.6	25.2	37.8

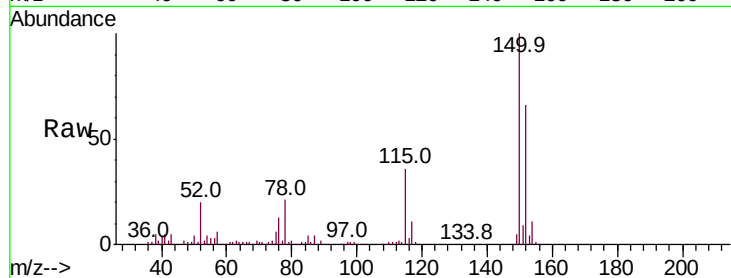




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.52 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VD063101.D
 Acq: 16 Jul 2019 12:48

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-DRUM

Tot Ion:152 Resp: 327753
 Ion Ratio Lower Upper
 152 100
 115 53.5 28.9 86.8
 150 150.4 0.0 313.8



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

