

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032919\
 Data File : VD061429.D
 Acq On : 29 Mar 2019 15:00
 Operator : VA/AP
 Sample : K2125-03
 Misc : 5.90g/5ml/MSVOA D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP

Quant Time: Mar 30 01:26:19 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

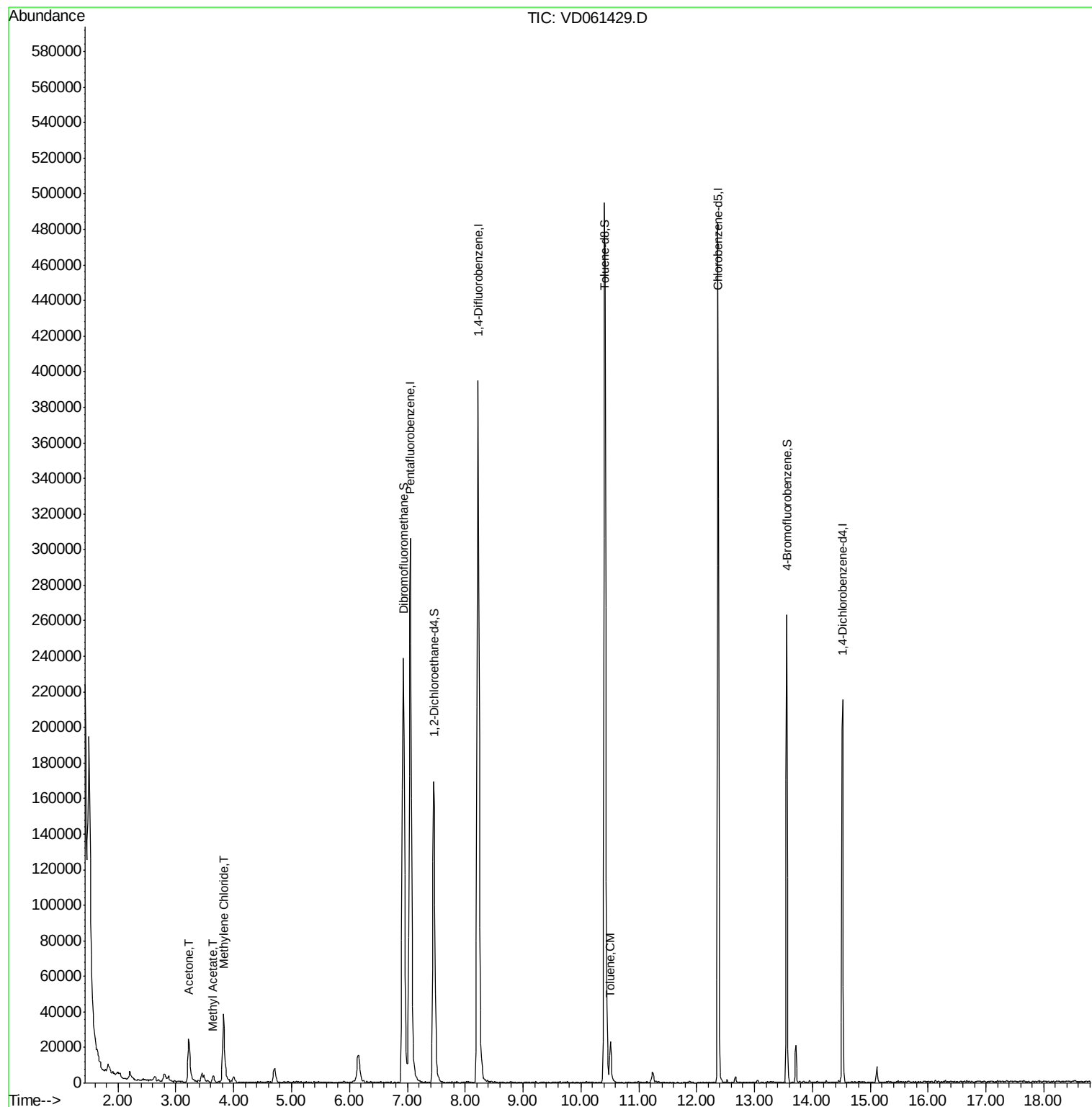
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	312946	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	503264	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	296324	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	55314	50.00	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.46	65	161241	60.31	ug/l	0.02
Spiked Amount 50.000			Recovery	=	120.62%	
35) Dibromofluoromethane	6.93	113	237534	61.76	ug/l	0.03
Spiked Amount 50.000			Recovery	=	123.52%	
50) Toluene-d8	10.41	98	430242	46.64	ug/l	0.02
Spiked Amount 50.000			Recovery	=	93.28%	
62) 4-Bromofluorobenzene	13.56	95	77267	21.84	ug/l	0.01
Spiked Amount 50.000			Recovery	=	43.68%	
Target Compounds						
16) Acetone	3.22	43	50039	72.814	ug/l	97
18) Methyl Acetate	3.65	43	7460	5.163	ug/l #	55
20) Methylene Chloride	3.82	84	28533	5.711	ug/l #	92
52) Toluene	10.52	92	13667	2.032	ug/l	85

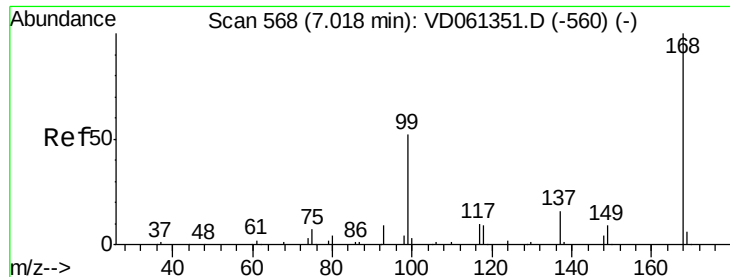
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD032919\
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD061429.D

Acq: 29 Mar 2019 15:00

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MSVOA_D

ClientSampleId :

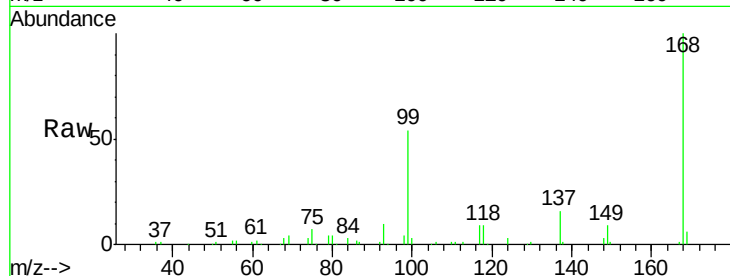
SOIL-COMP

Tot Ion:168 Resp: 312946

Ion Ratio Lower Upper

168 100

99 54.5 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

120000

100000

80000

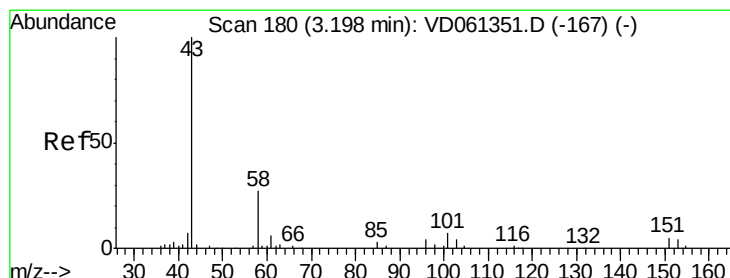
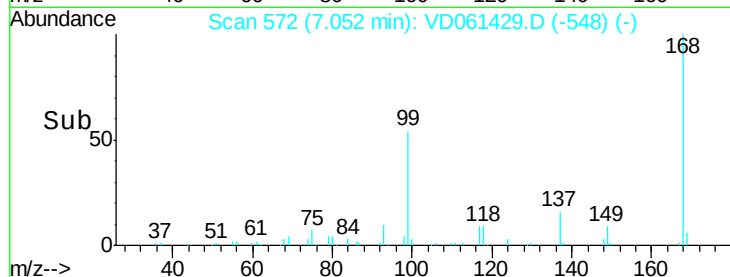
60000

40000

20000

0

Time--> 6.90 7.00 7.10 7.20



#16

Acetone

Concen: 72.814 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.02 min

Lab File: VD061429.D

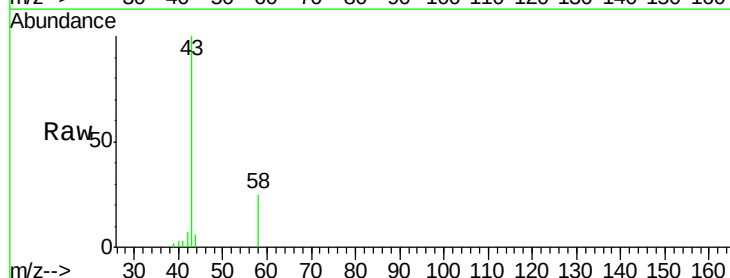
Acq: 29 Mar 2019 15:00

Tgt Ion: 43 Resp: 50039

Ion Ratio Lower Upper

43 100

58 25.5 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.22

20000

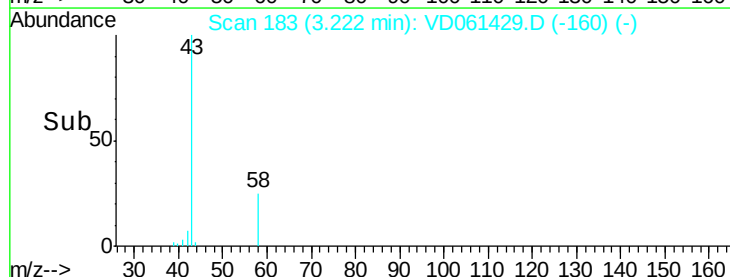
15000

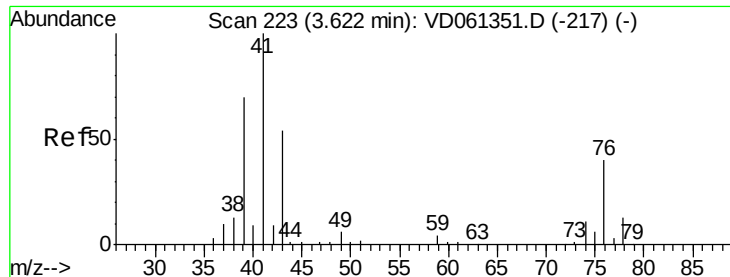
10000

5000

0

Time--> 3.10 3.20 3.30 3.40

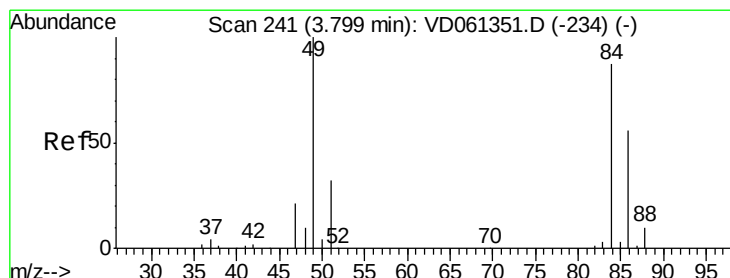
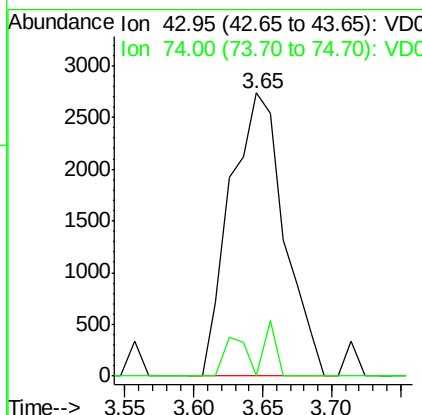
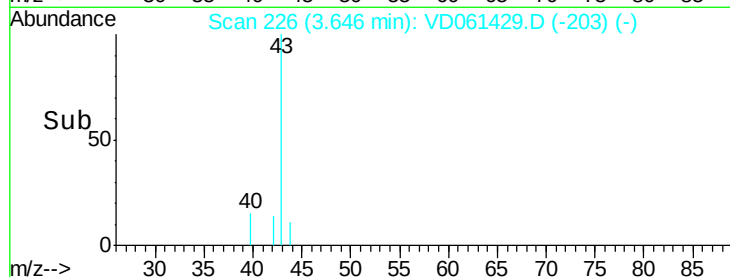
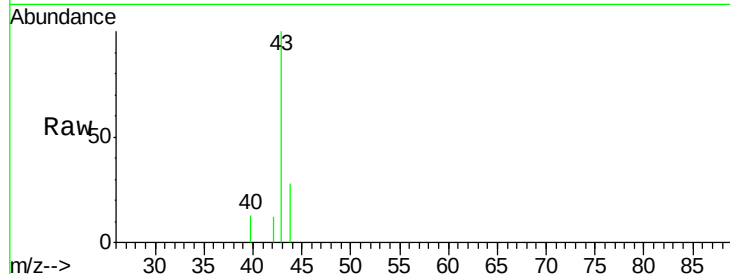




#18
Methyl Acetate
Concen: 5.163 ug/l
RT: 3.65 min Scan# 226
Delta R.T. 0.02 min
Lab File: VD061429.D
Acq: 29 Mar 2019 15:00

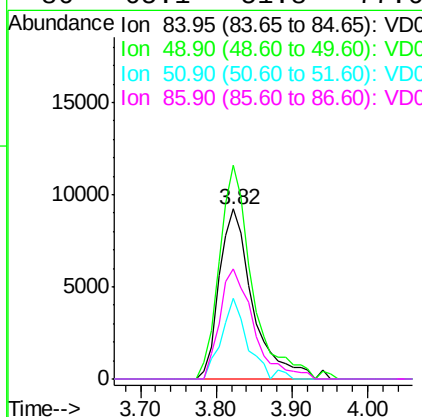
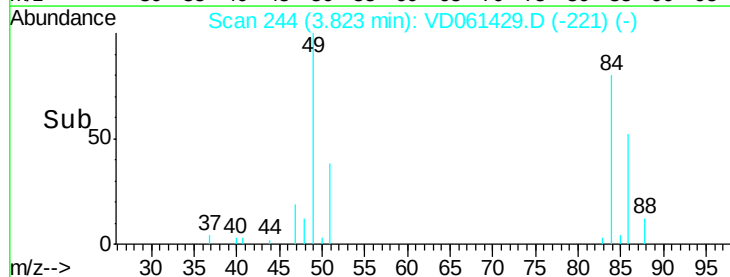
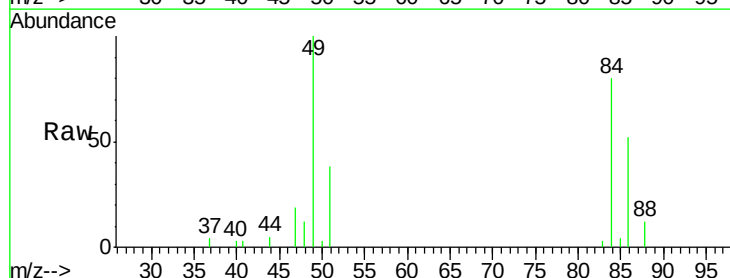
Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

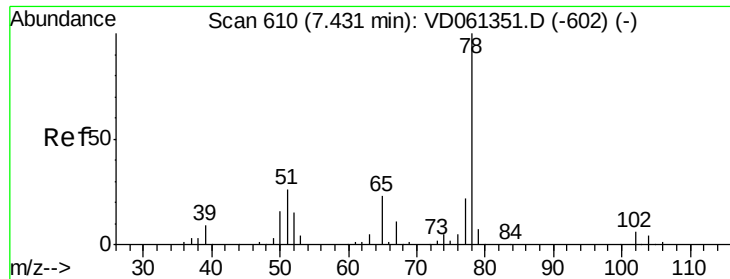
Tot Ion: 43 Resp: 7460
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#



#20
Methylene Chloride
Concen: 5.711 ug/l
RT: 3.82 min Scan# 244
Delta R.T. 0.02 min
Lab File: VD061429.D
Acq: 29 Mar 2019 15:00

Tgt Ion: 84 Resp: 28533
Ion Ratio Lower Upper
84 100
49 125.7 91.8 137.8
51 47.2 29.8 44.8#
86 65.1 51.8 77.6

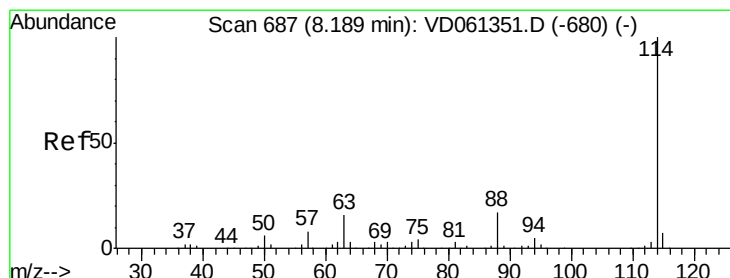
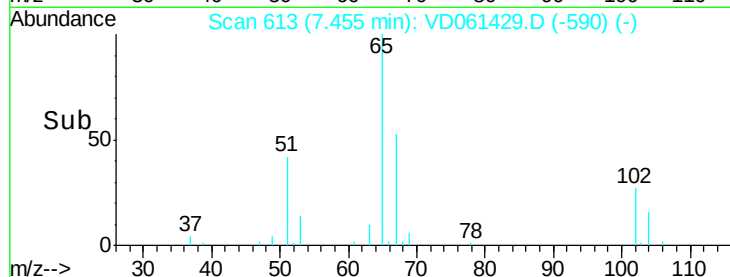
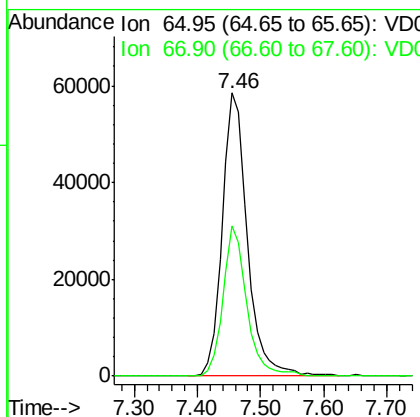
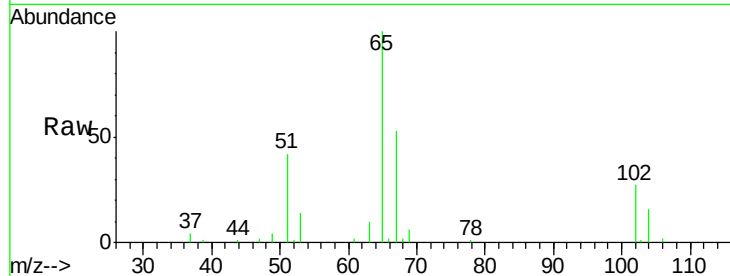




#33
 1,2-Dichloroethane-d4
 Concen: N.D. ug/l
 RT: 7.46 min Scan# 613
 Delta R.T. 0.02 min
 Lab File: VD061429.D
 Acq: 29 Mar 2019 15:00

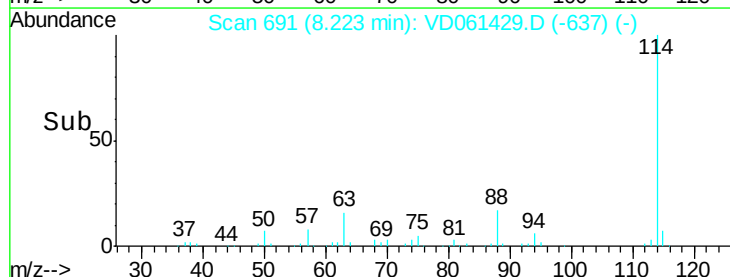
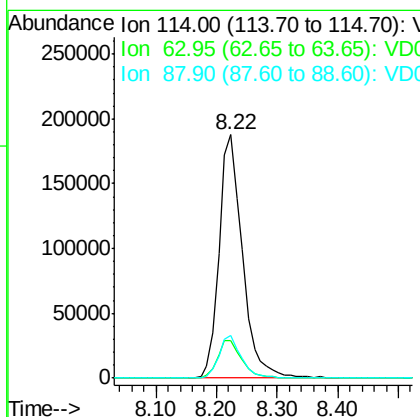
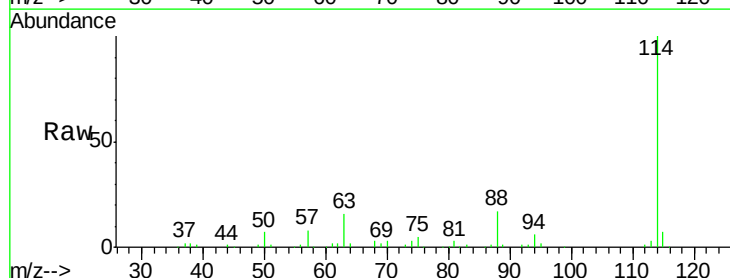
Instrument :
 MSVOA_D
 ClientSampleId :
 SOIL-COMP

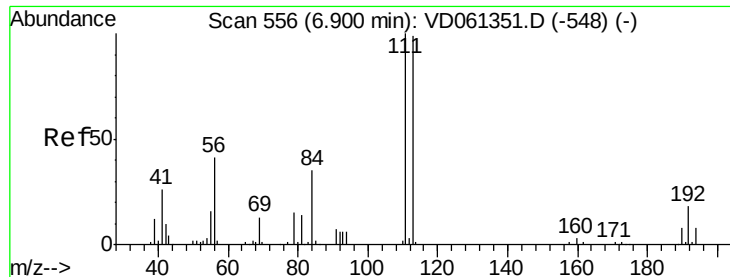
Tot Ion: 65 Resp: 161241
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 99.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD061429.D
 Acq: 29 Mar 2019 15:00

Tgt Ion: 114 Resp: 503264
 Ion Ratio Lower Upper
 114 100
 63 15.7 0.0 31.6
 88 17.3 0.0 33.4





#35

Dibromofluoromethane

Concen: 50.000 ug/l

RT: 6.93 min Scan# 560

Delta R.T. 0.03 min

Lab File: VD061429.D

Acq: 29 Mar 2019 15:00

Instrument :

MSVOA_D

ClientSampleId :

SOIL-COMP

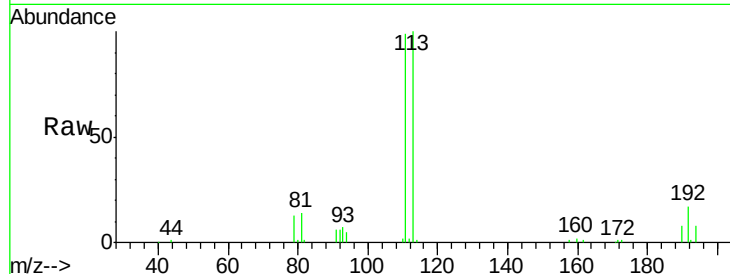
Tot Ion:113 Resp: 237534

Ion Ratio Lower Upper

113 100

111 98.7 81.0 121.6

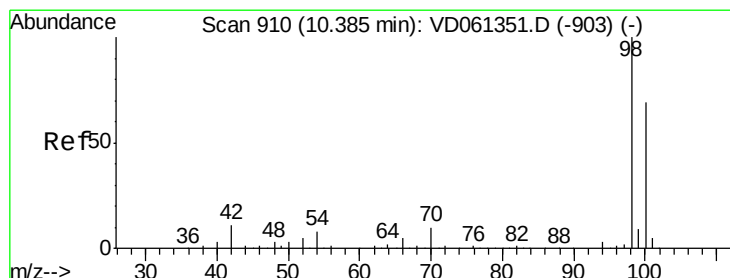
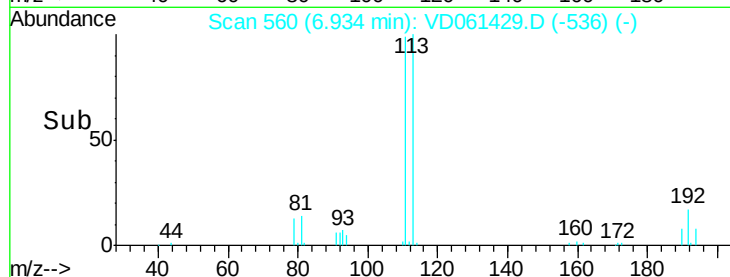
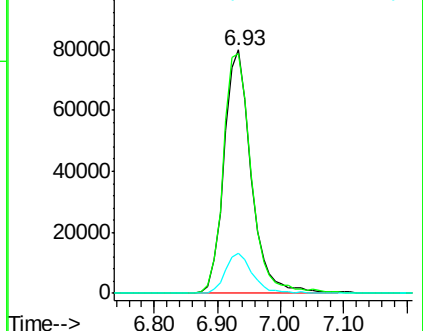
192 16.7 14.4 21.6



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: N.D. ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.02 min

Lab File: VD061429.D

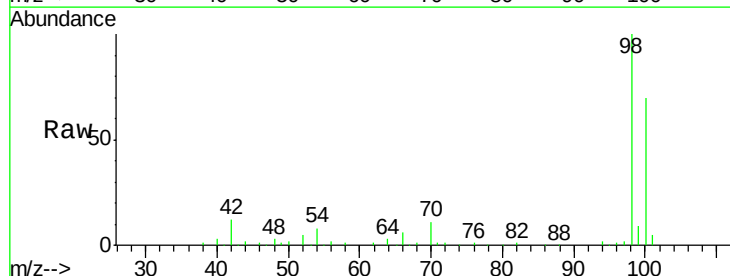
Acq: 29 Mar 2019 15:00

Tgt Ion: 98 Resp: 430242

Ion Ratio Lower Upper

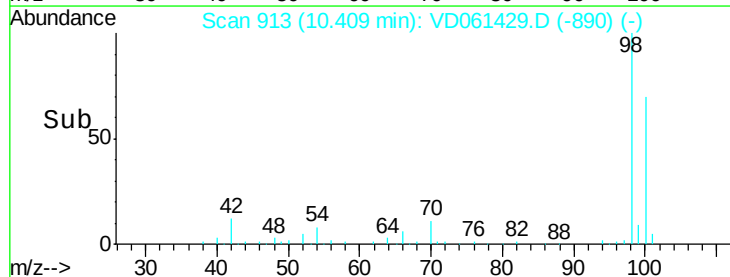
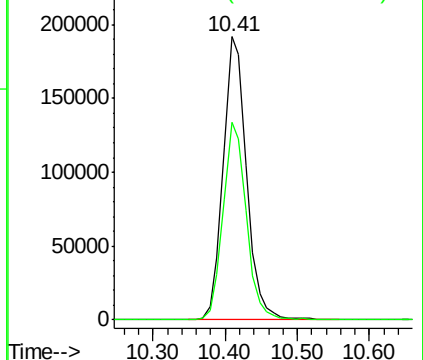
98 100

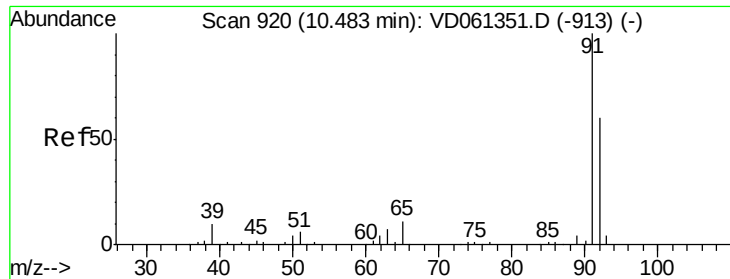
100 69.9 56.2 84.2



Abundance Ion 98.05 (97.75 to 98.75): V

Ion 100.05 (99.75 to 100.75): V





#52

Toluene

Concen: 2.032 ug/l

RT: 10.52 min Scan# 924

Delta R.T. 0.03 min

Lab File: VD061429.D

Acq: 29 Mar 2019 15:00

Instrument :

MSVOA_D

ClientSampleId :

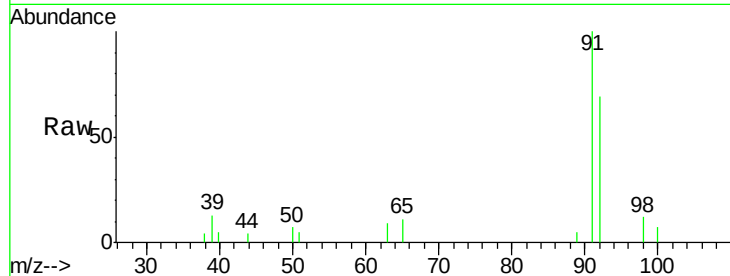
SOIL-COMP

Tot Ion: 92 Resp: 13667

Ion Ratio Lower Upper

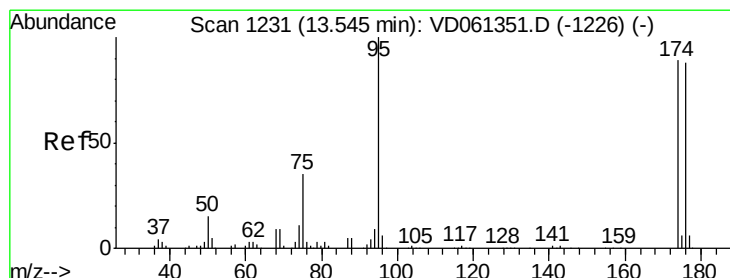
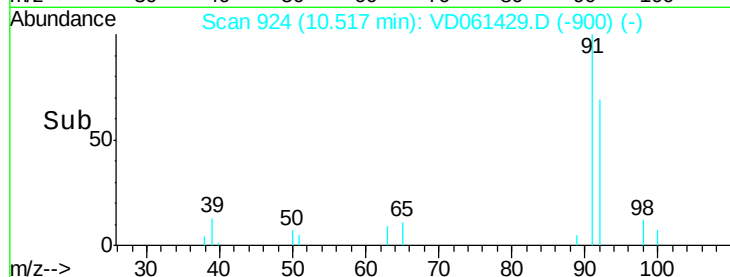
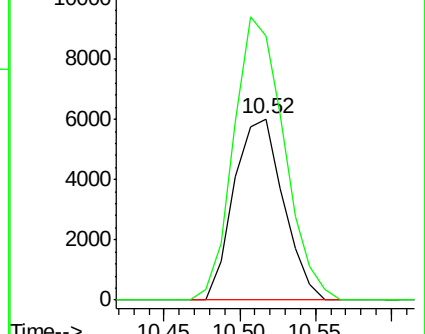
92 100

91 145.6 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD061429.D

Acq: 29 Mar 2019 15:00

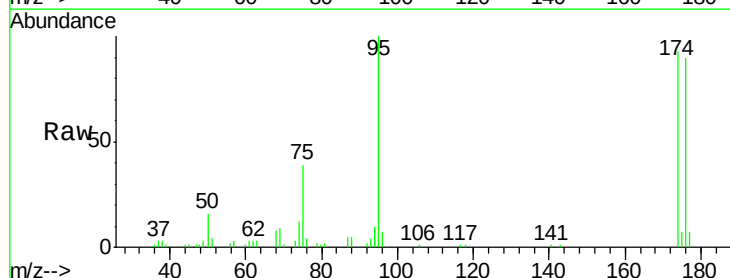
Tgt Ion: 95 Resp: 77267

Ion Ratio Lower Upper

95 100

174 93.3 0.0 178.0

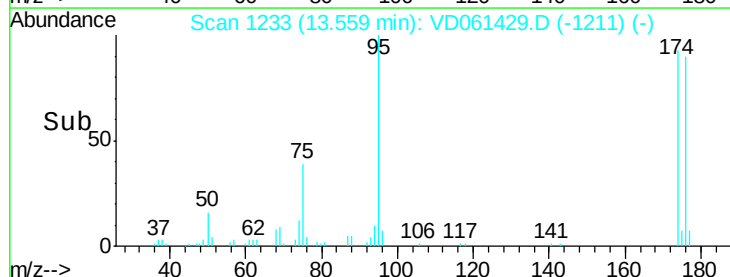
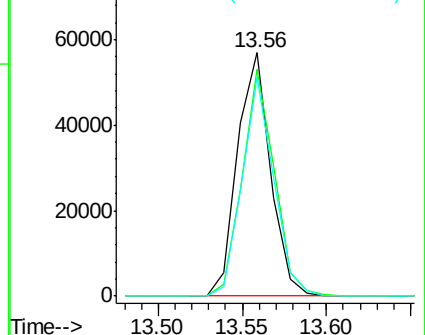
176 89.9 0.0 175.0

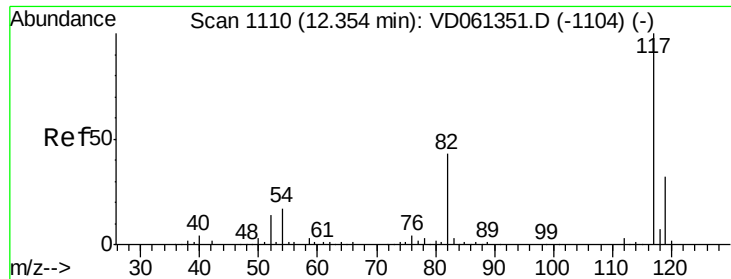


Abundance Ion 95.00 (94.70 to 95.70): VDC

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

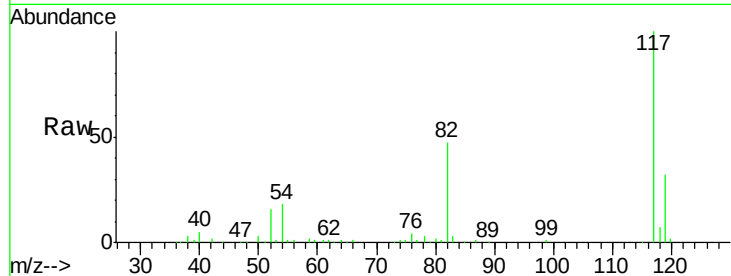




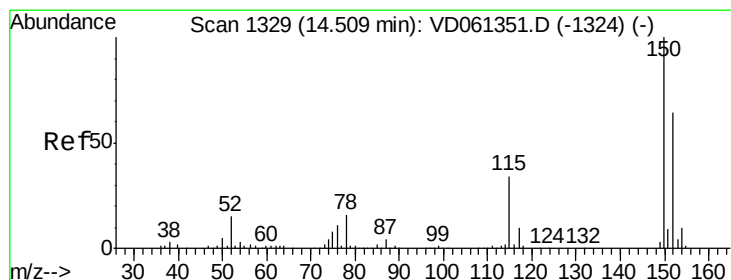
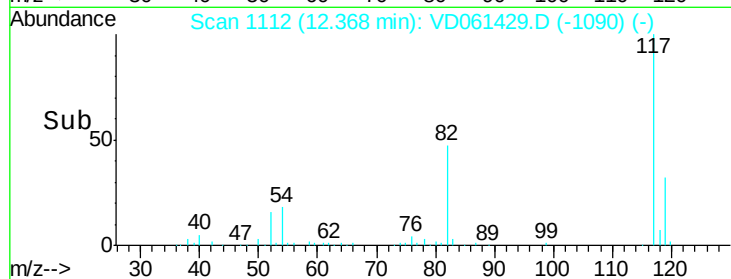
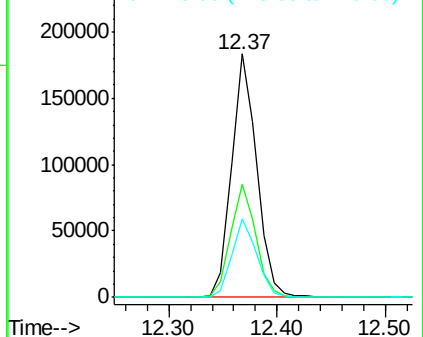
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.37 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD061429.D
Acq: 29 Mar 2019 15:00

Instrument :
MSVOA_D
ClientSampleId :
SOIL-COMP

Tot Ion:117 Resp: 296324
Ion Ratio Lower Upper
117 100
82 46.6 34.4 51.6
119 32.2 25.8 38.6

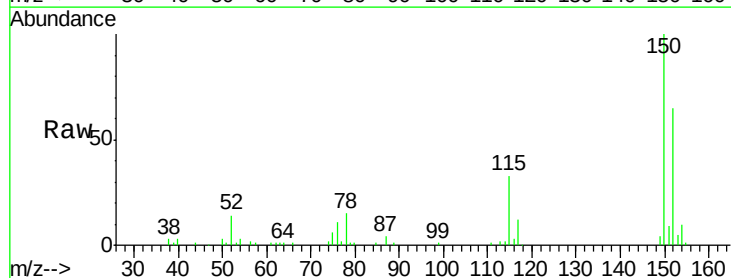


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD061429.D
Acq: 29 Mar 2019 15:00

Tgt Ion:152 Resp: 55314
Ion Ratio Lower Upper
152 100
115 50.9 26.9 80.6
150 153.4 0.0 318.0



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

