

Data Path : Z:\voasrv\HPCHEM1\MSVOA D\Data\VD040419\
 Data File : VD061612.D
 Acq On : 5 Apr 2019 8:55
 Operator : VA/AP
 Sample : K2264-01
 Misc : 5.98g/5ml/MSVOA D/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OPEN-WALL-EXCAVATION

Quant Time: Apr 05 23:33:40 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

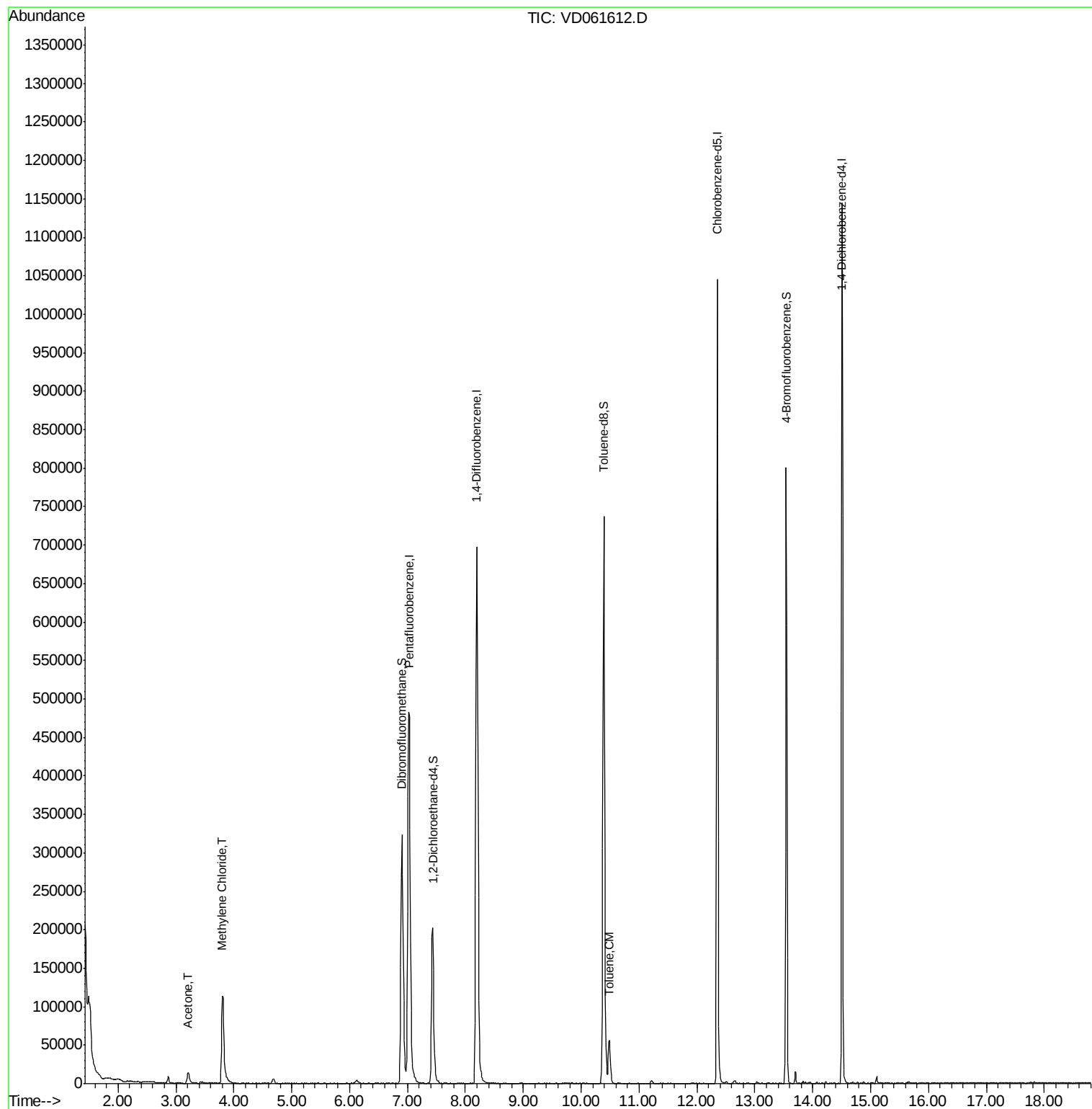
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	515276	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.20	114	918778	50.00	ug/l	0.01
63) Chlorobenzene-d5	12.35	117	665864	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	270715	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	195855	44.50	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.00%	
35) Dibromofluoromethane	6.90	113	306449	43.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.30%	
50) Toluene-d8	10.39	98	641065	38.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.14%	
62) 4-Bromofluorobenzene	13.54	95	253671	39.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.56%	
Target Compounds						
16) Acetone	3.21	43	28565	25.245	ug/l	97
20) Methylene Chloride	3.81	84	90692	12.882	ug/l	98
52) Toluene	10.48	92	34368	2.799	ug/l	97

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

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Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.03 min Scan# 570

Delta R.T. 0.01 min

Lab File: VD061612.D

Acq: 5 Apr 2019 8:55

Instrument :

MSVOA_D

ClientSampleId :

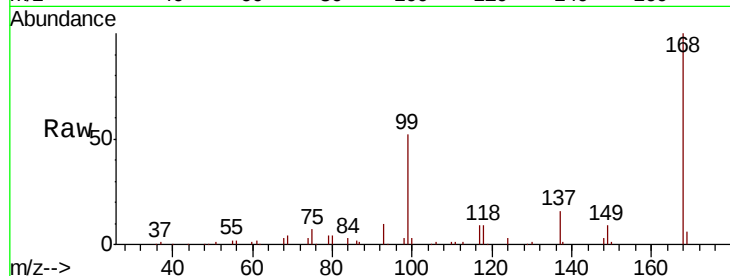
OPEN-WALL-EXCAVATION

Tot Ion:168 Resp: 515276

Ion Ratio Lower Upper

168 100

99 51.6 43.1 64.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.03

200000

150000

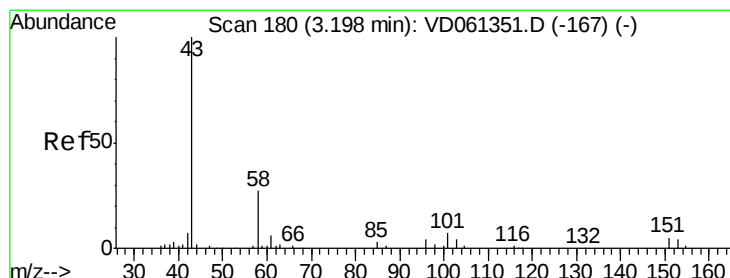
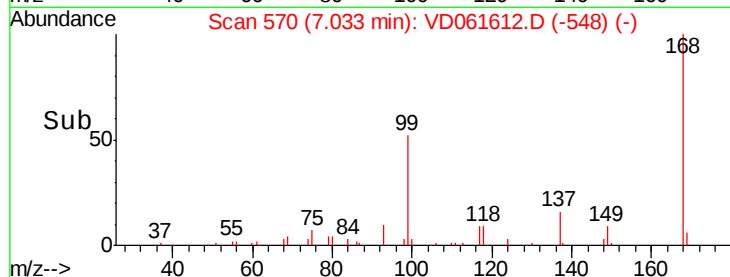
100000

50000

0

6.90 7.00 7.10 7.20

Time-->



#16

Acetone

Concen: 25.245 ug/l

RT: 3.21 min Scan# 182

Delta R.T. 0.01 min

Lab File: VD061612.D

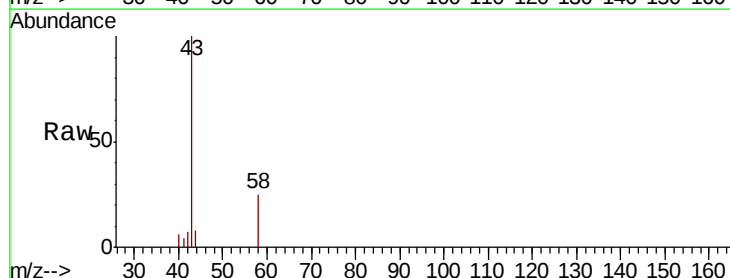
Acq: 5 Apr 2019 8:55

Tgt Ion: 43 Resp: 28565

Ion Ratio Lower Upper

43 100

58 25.2 21.5 32.3



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

3.21

10000

8000

6000

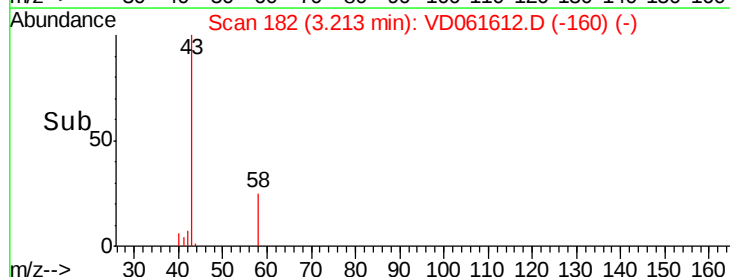
4000

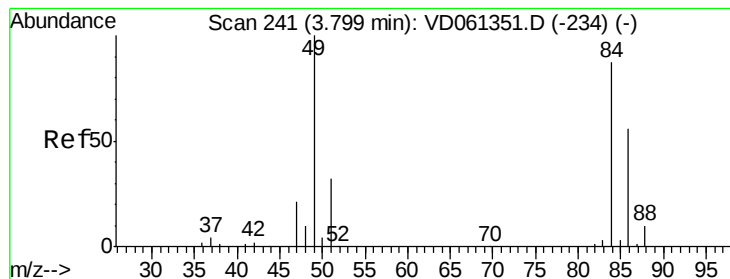
2000

0

3.10 3.20 3.30 3.40

Time-->





#20

Methylene Chloride

Concen: 12.882 ug/l

RT: 3.81 min Scan# 243

Delta R.T. 0.01 min

Lab File: VD061612.D

Acq: 5 Apr 2019 8:55

Instrument :

MSVOA_D

ClientSampleId :

OPEN-WALL-EXCAVATION

Tot Ion: 84 Resp: 90692

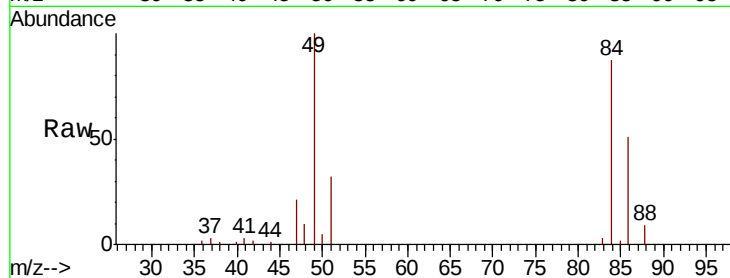
Ion Ratio Lower Upper

84 100

49 115.3 91.8 137.8

51 36.9 29.8 44.8

86 59.3 51.8 77.6

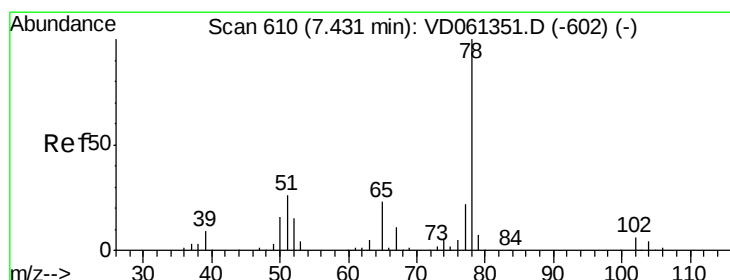
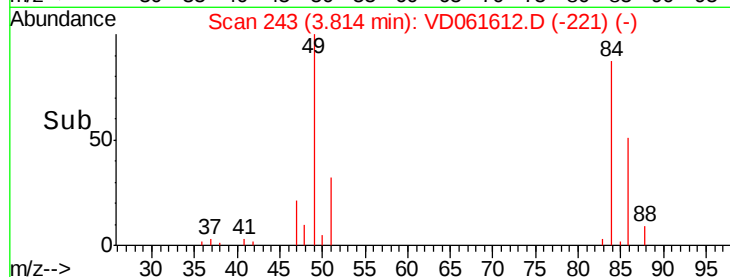
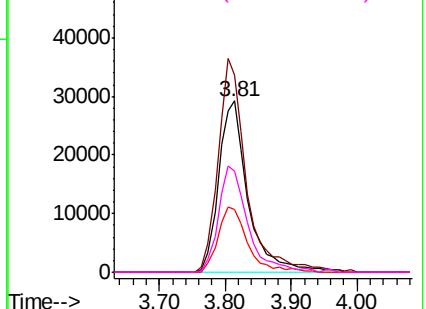


Abundance Ion 83.95 (83.65 to 84.65): VDC

Ion 48.90 (48.60 to 49.60): VDC

Ion 50.90 (50.60 to 51.60): VDC

Ion 85.90 (85.60 to 86.60): VDC



#33

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 7.44 min Scan# 611

Delta R.T. 0.00 min

Lab File: VD061612.D

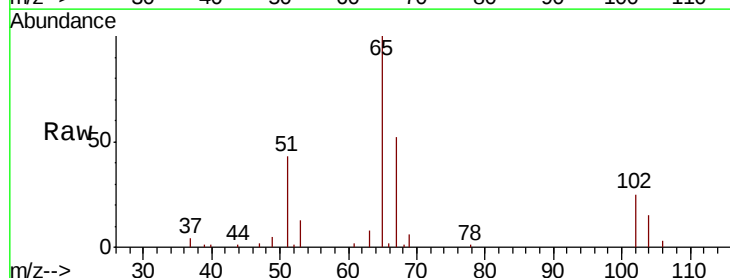
Acq: 5 Apr 2019 8:55

Tgt Ion: 65 Resp: 195855

Ion Ratio Lower Upper

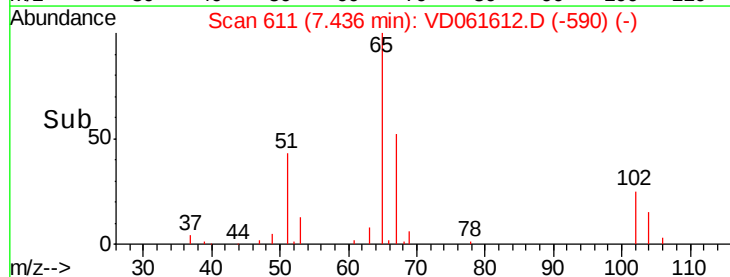
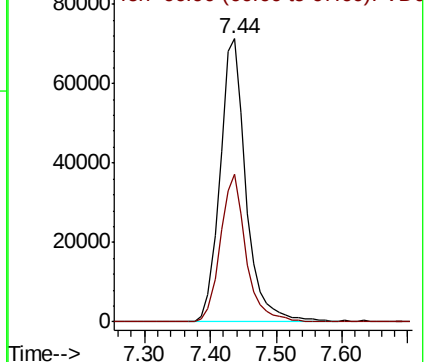
65 100

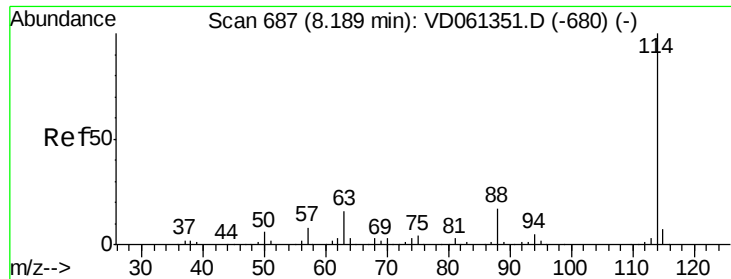
67 52.4 0.0 99.8



Abundance Ion 64.95 (64.65 to 65.65): VDC

Ion 66.90 (66.60 to 67.60): VDC

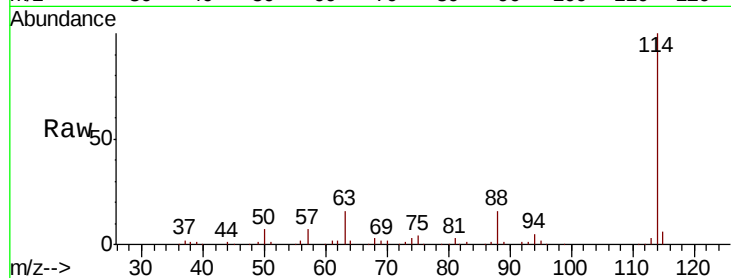




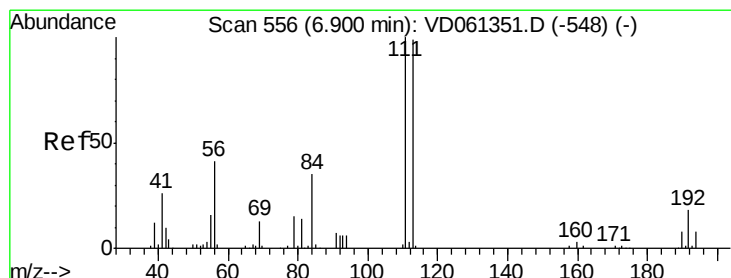
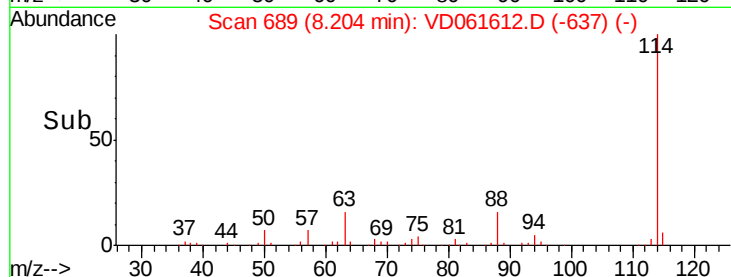
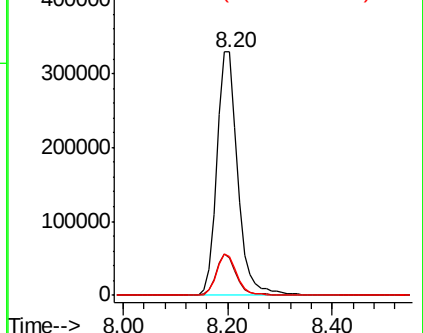
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.20 min Scan# 689
 Delta R.T. 0.01 min
 Lab File: VD061612.D
 Acq: 5 Apr 2019 8:55

Instrument :
 MSVOA_D
 ClientSampleId :
 OPEN-WALL-EXCAVATION

Tot Ion:114 Resp: 918778
 Ion Ratio Lower Upper
 114 100
 63 15.5 0.0 31.6
 88 16.0 0.0 33.4

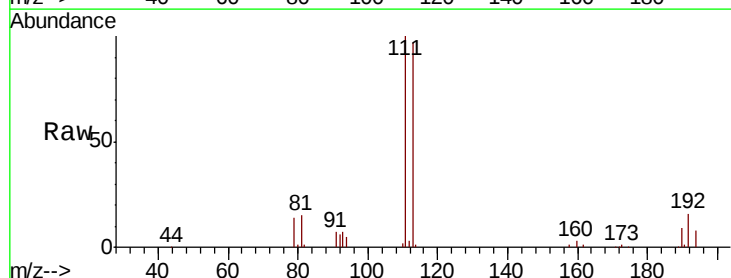


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 62.95 (62.65 to 63.65): V
 Ion 87.90 (87.60 to 88.60): V

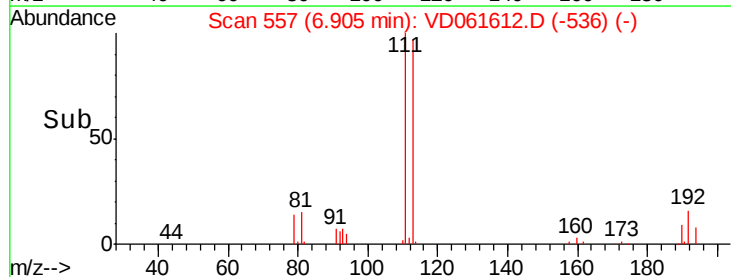
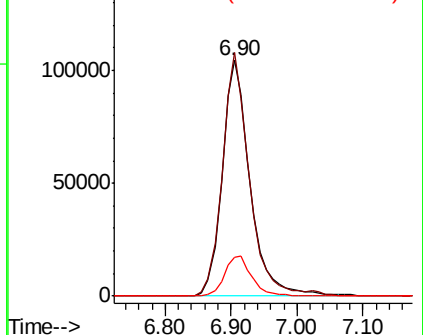


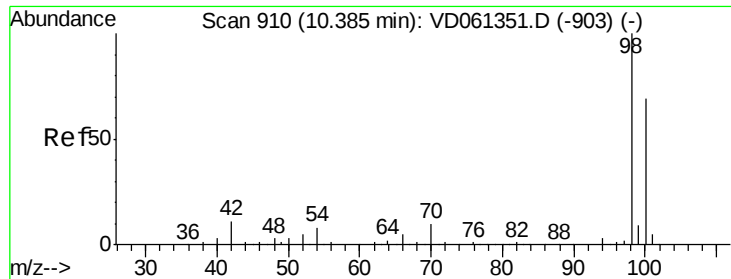
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 6.90 min Scan# 557
 Delta R.T. 0.00 min
 Lab File: VD061612.D
 Acq: 5 Apr 2019 8:55

Tgt Ion:113 Resp: 306449
 Ion Ratio Lower Upper
 113 100
 111 103.3 81.0 121.6
 192 16.3 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

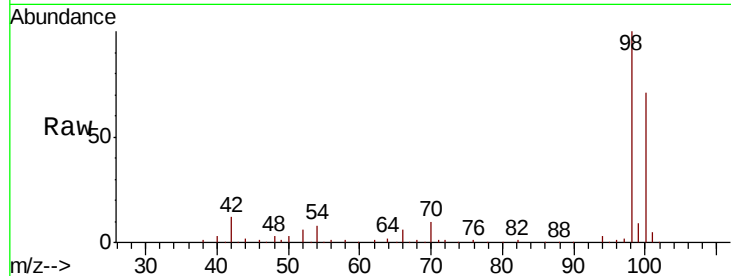




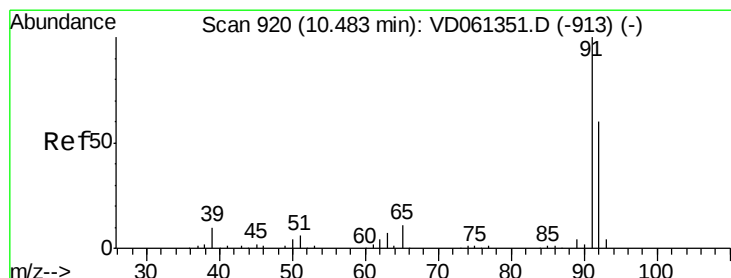
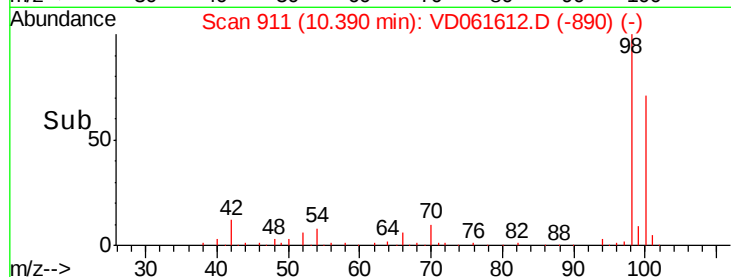
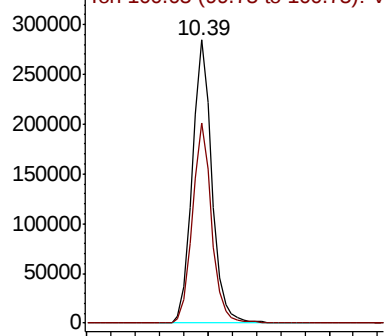
#50
Toluene-d8
Concen: N.D. ug/l
RT: 10.39 min Scan# 911
Delta R.T. 0.00 min
Lab File: VD061612.D
Acq: 5 Apr 2019 8:55

Instrument :
MSVOA_D
ClientSampleId :
OPEN-WALL-EXCAVATION

Tot Ion: 98 Resp: 641065
Ion Ratio Lower Upper
98 100
100 70.9 56.2 84.2

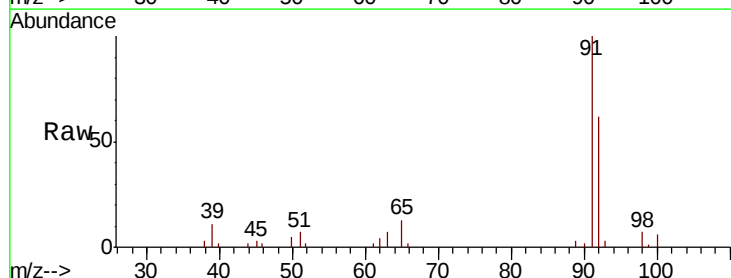


Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC

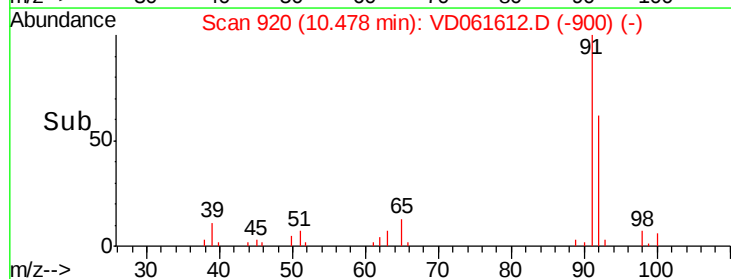
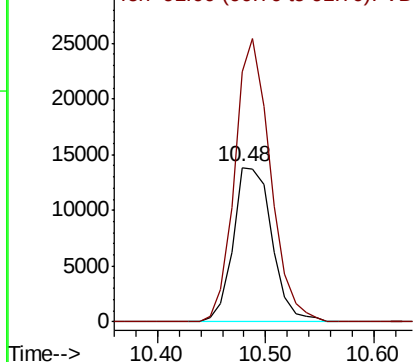


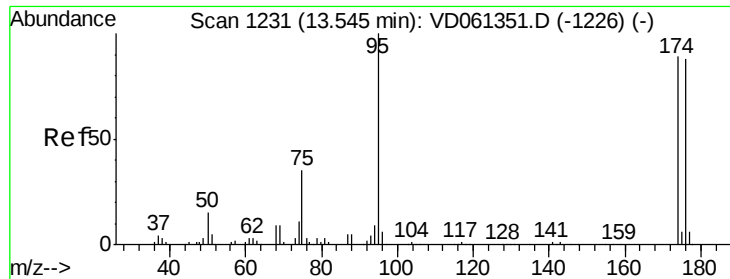
#52
Toluene
Concen: 2.799 ug/l
RT: 10.48 min Scan# 920
Delta R.T. -0.00 min
Lab File: VD061612.D
Acq: 5 Apr 2019 8:55

Tgt Ion: 92 Resp: 34368
Ion Ratio Lower Upper
92 100
91 161.9 133.3 199.9



Abundance Ion 92.00 (91.70 to 92.70): VDC
Ion 91.00 (90.70 to 91.70): VDC

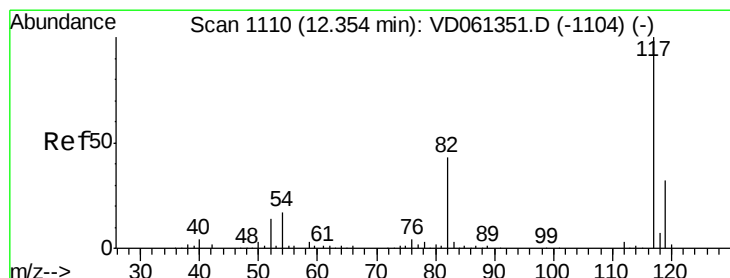
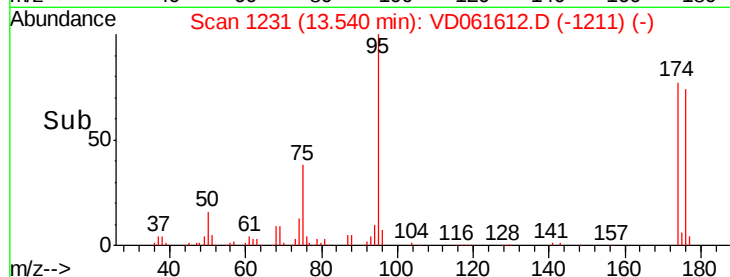
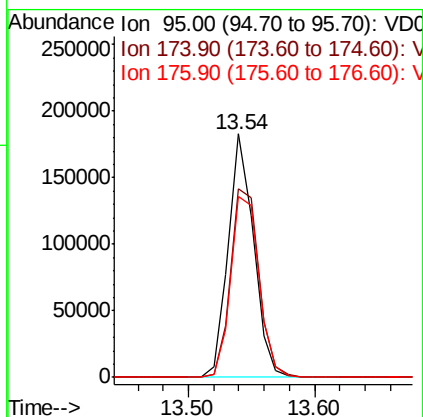
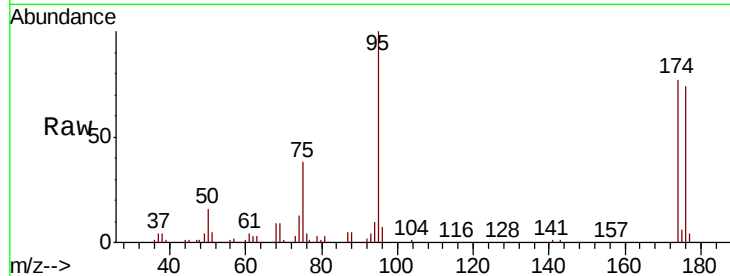




#62
4-Bromofluorobenzene
Concen: N.D. ug/l
RT: 13.54 min Scan# 1231
Delta R.T. -0.01 min
Lab File: VD061612.D
Acq: 5 Apr 2019 8:55

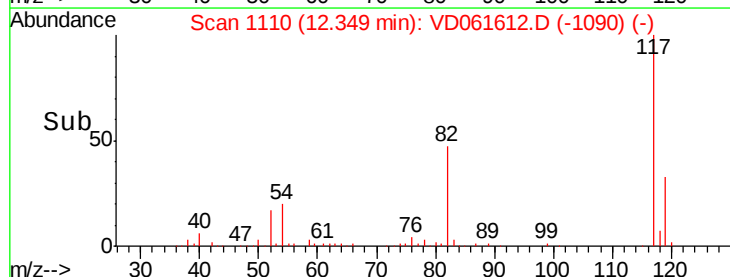
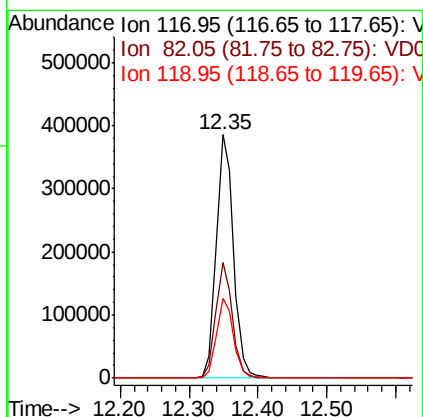
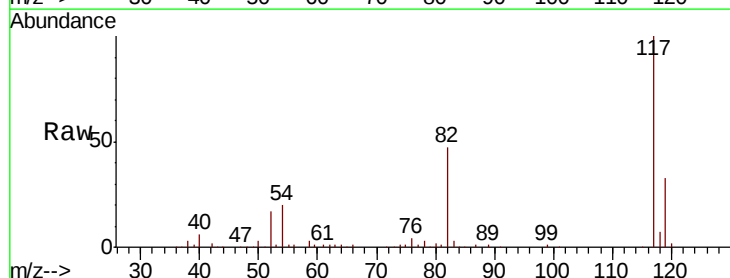
Instrument :
MSVOA_D
ClientSampleId :
OPEN-WALL-EXCAVATION

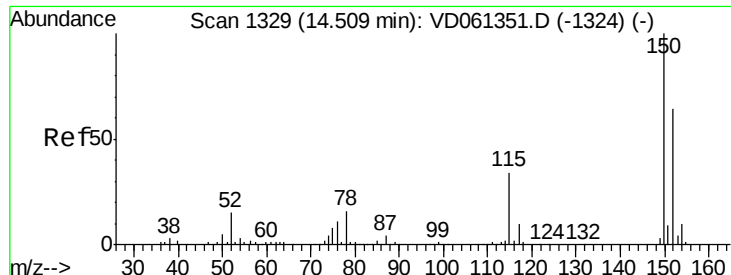
Tot Ion: 95 Resp: 253671
Ion Ratio Lower Upper
95 100
174 77.4 0.0 178.0
176 74.4 0.0 175.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.35 min Scan# 1110
Delta R.T. -0.01 min
Lab File: VD061612.D
Acq: 5 Apr 2019 8:55

Tgt Ion: 117 Resp: 665864
Ion Ratio Lower Upper
117 100
82 47.2 34.4 51.6
119 32.7 25.8 38.6

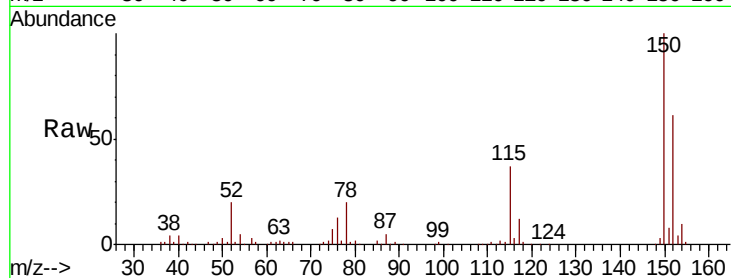




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 14.50 min Scan# 1329
 Delta R.T. -0.00 min
 Lab File: VD061612.D
 Acq: 5 Apr 2019 8:55

Instrument :
 MSVOA_D
 ClientSampleId :
 OPEN-WALL-EXCAVATION

Tot Ion	Ratio	Lower	Upper
152	100		
115	60.5	26.9	80.6
150	162.9	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

