

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073018\
 Data File : VW004330.D
 Acq On : 29 Jul 2018 22:33
 Operator : SY/AP
 Sample : J4152-05
 Misc : 7.72G/5ML/MSVOA W/SOIL
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LA-SOIL-2

Quant Time: Jul 30 05:55:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W073018S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 30 02:37:04 2018
 Response via : Initial Calibration

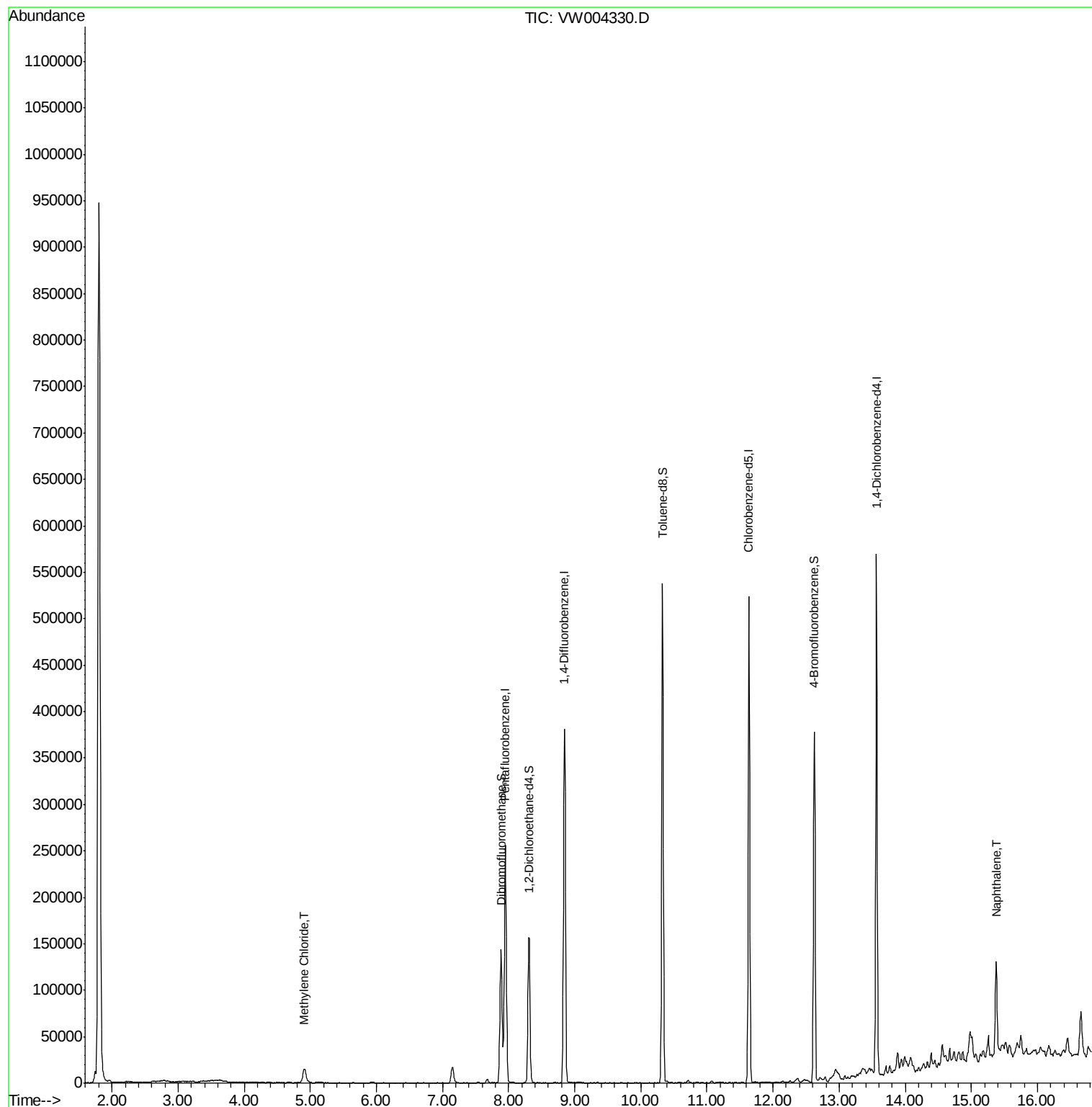
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	190621	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	322899	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	295151	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	147076	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125422	65.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	130.46%	
35) Dibromofluoromethane	7.88	113	103013	50.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.96%	
50) Toluene-d8	10.33	98	360497	44.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.40%	
62) 4-Bromofluorobenzene	12.63	95	127031	44.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.48%	
Target Compounds						
20) Methylene Chloride	4.90	84	13444	5.94	ug/l	94
95) Naphthalene	15.38	128	89731	16.83	ug/l	99

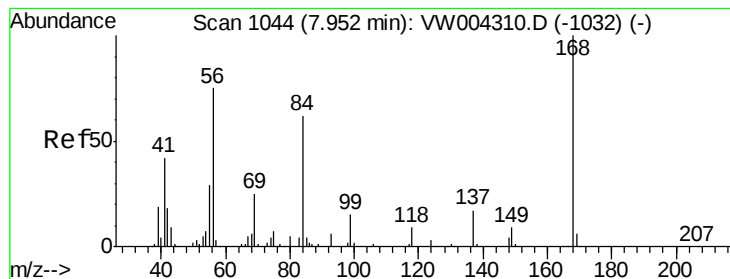
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.95 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VW004330.D

Acq: 29 Jul 2018 22:33

Instrument :

MSVOA_W

ClientSampleId :

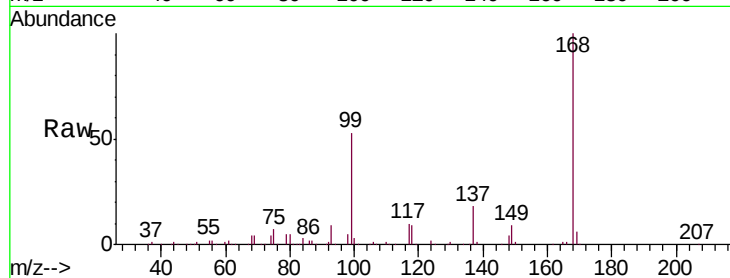
LA-SOIL-2

Tot Ion:168 Resp: 190621

Ion Ratio Lower Upper

168 100

99 53.4 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

80000

60000

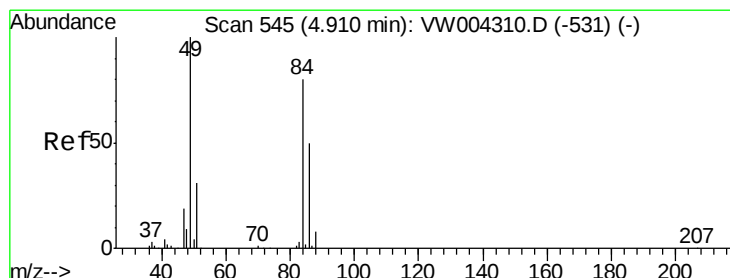
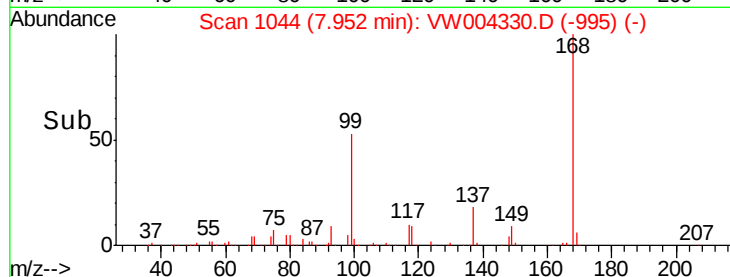
40000

20000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#20

Methylene Chloride

Concen: 5.94 ug/l

RT: 4.90 min Scan# 544

Delta R.T. -0.01 min

Lab File: VW004330.D

Acq: 29 Jul 2018 22:33

Tgt Ion: 84 Resp: 13444

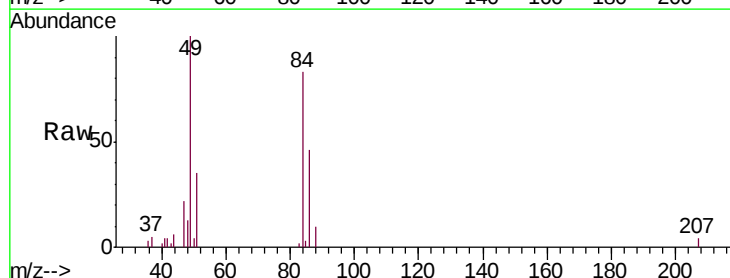
Ion Ratio Lower Upper

84 100

49 120.8 100.5 150.7

51 42.4 30.9 46.3

86 55.1 50.2 75.4



Abundance Ion 83.90 (83.60 to 84.60): VW

Ion 48.90 (48.60 to 49.60): VW

Ion 50.90 (50.60 to 51.60): VW

Ion 85.90 (85.60 to 86.60): VW

4.90

6000

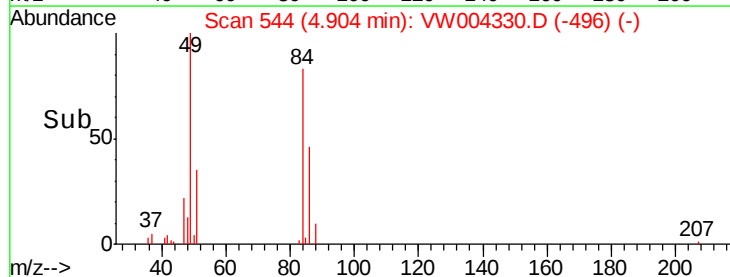
4000

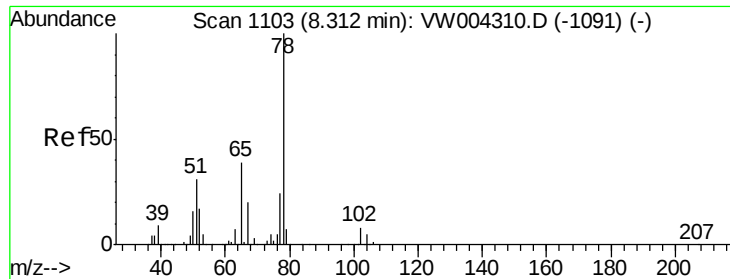
2000

0

4.80 4.90 5.00 5.10

Time-->

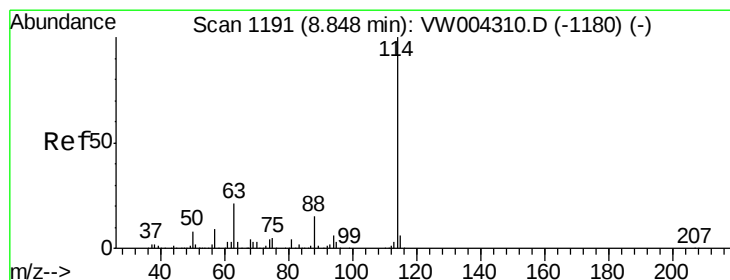
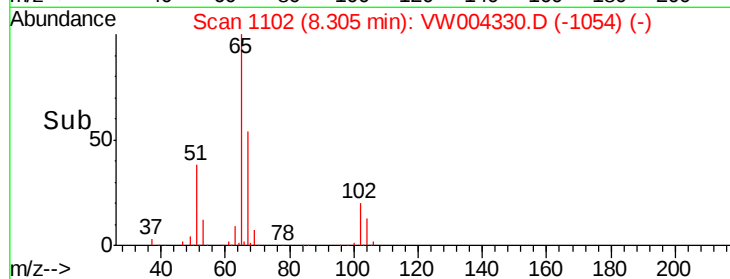
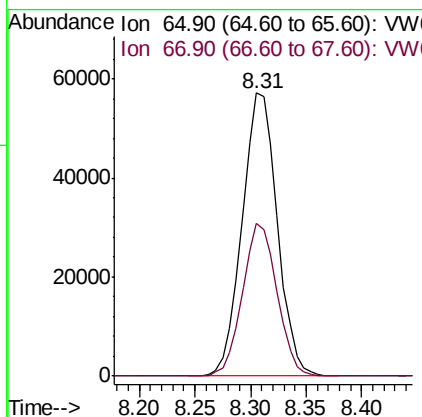
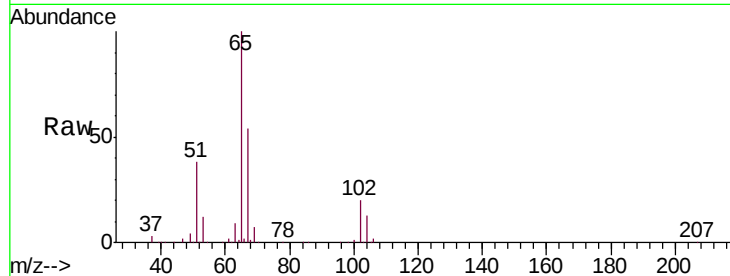




#33
 1,2-Dichloroethane-d4
 Concen: 65.23 ug/l
 RT: 8.31 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: VW004330.D
 Acq: 29 Jul 2018 22:33

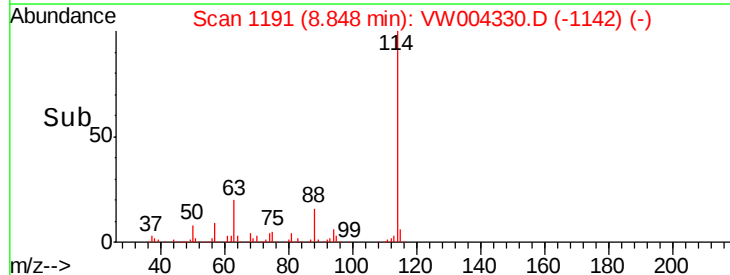
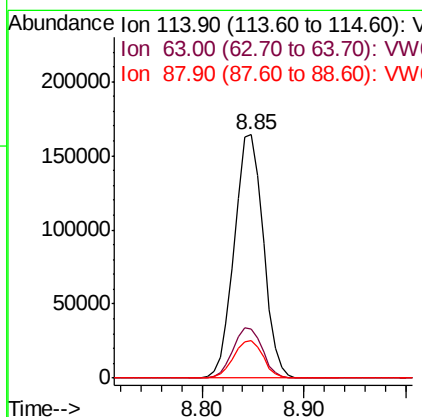
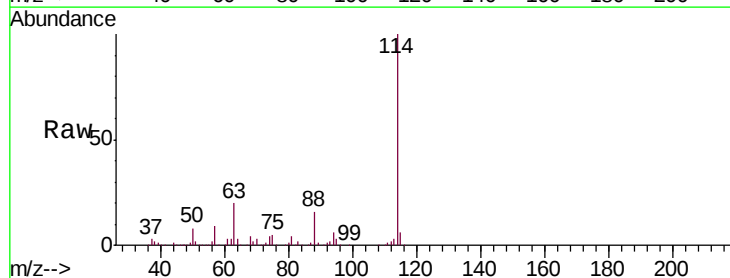
Instrument :
 MSVOA_W
 ClientSampleId :
 LA-SOIL-2

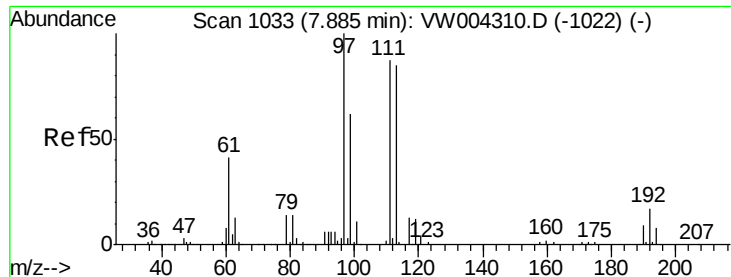
Tot Ion: 65 Resp: 125422
 Ion Ratio Lower Upper
 65 100
 67 52.9 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.85 min Scan# 1191
 Delta R.T. -0.00 min
 Lab File: VW004330.D
 Acq: 29 Jul 2018 22:33

Tgt Ion: 114 Resp: 322899
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 41.4
 88 15.6 0.0 30.6

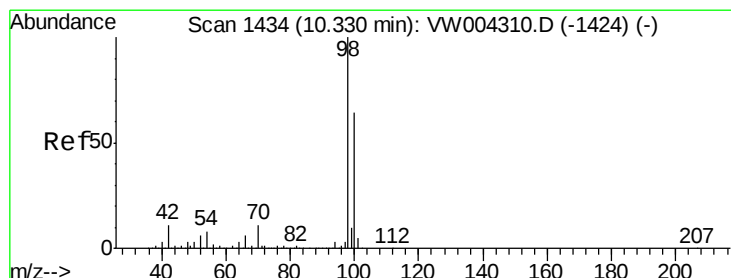
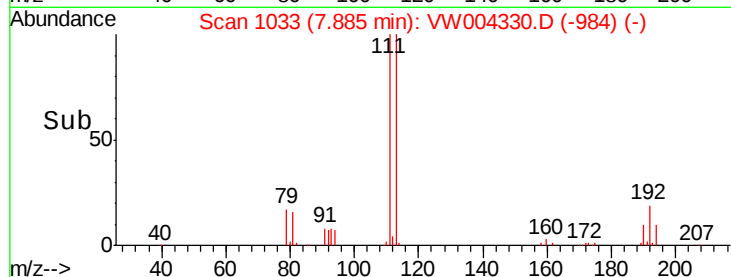
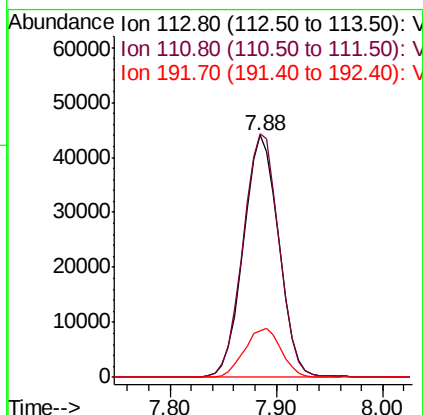
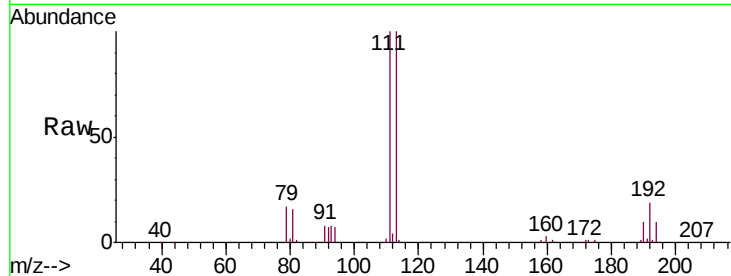




#35
 Dibromofluoromethane
 Concen: 50.48 ug/l
 RT: 7.88 min Scan# 1033
 Delta R.T. -0.00 min
 Lab File: VW004330.D
 Acq: 29 Jul 2018 22:33

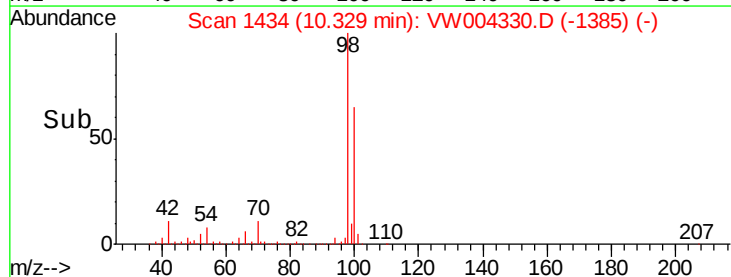
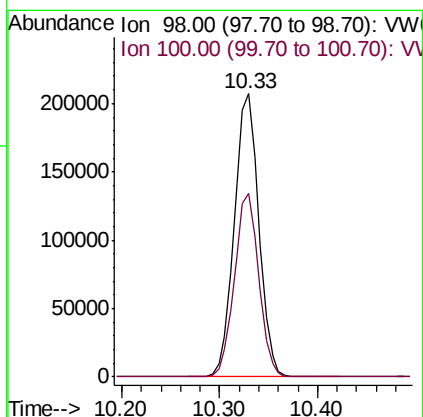
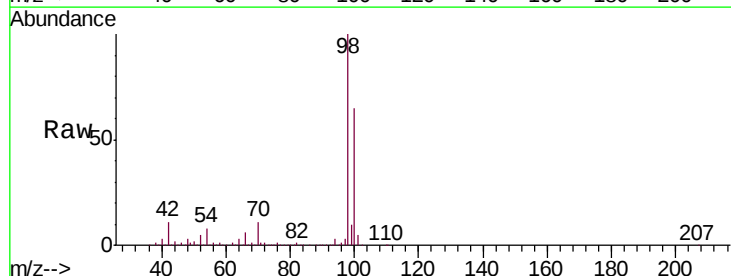
Instrument :
 MSVOA_W
 ClientSampleId :
 LA-SOIL-2

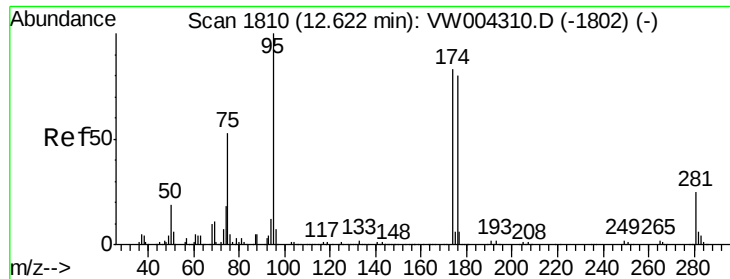
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.1	123.1
192	20.8	16.2	24.4



#50
 Toluene-d8
 Concen: 44.70 ug/l
 RT: 10.33 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW004330.D
 Acq: 29 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





#62

4-Bromofluorobenzene

Concen: 44.74 ug/l

RT: 12.63 min Scan# 1811

Delta R.T. 0.01 min

Lab File: VW004330.D

Acq: 29 Jul 2018 22:33

Instrument :

MSVOA_W

ClientSampleId :

LA-SOIL-2

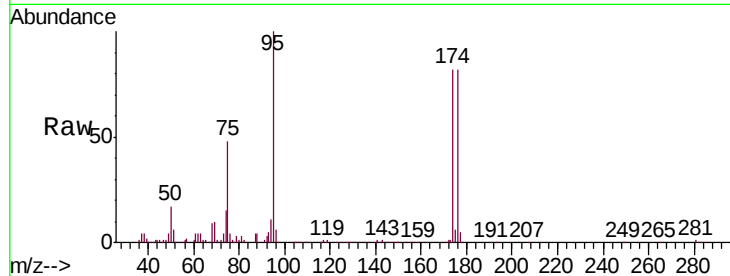
Tot Ion: 95 Resp: 127031

Ion Ratio Lower Upper

95 100

174 83.1 0.0 167.8

176 80.0 0.0 162.4



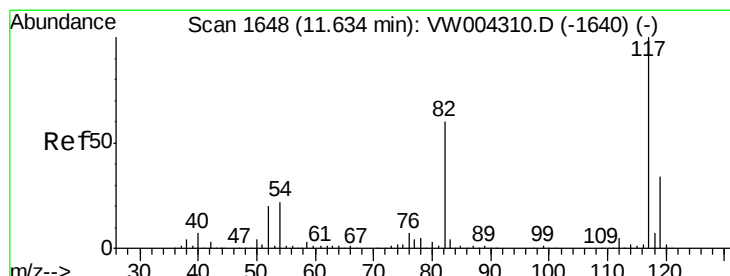
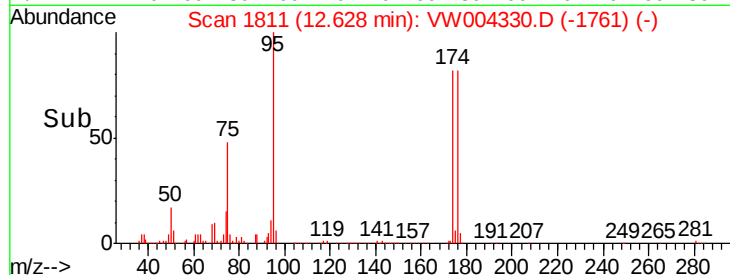
Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): VW

Ion 175.80 (175.50 to 176.50): VW

12.63

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.63 min Scan# 1648

Delta R.T. -0.00 min

Lab File: VW004330.D

Acq: 29 Jul 2018 22:33

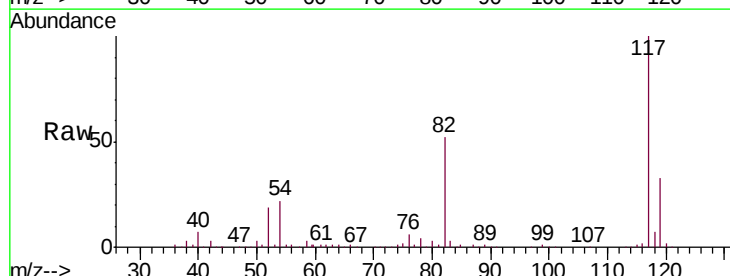
Tgt Ion: 117 Resp: 295151

Ion Ratio Lower Upper

117 100

82 52.1 47.9 71.9

119 32.9 27.1 40.7



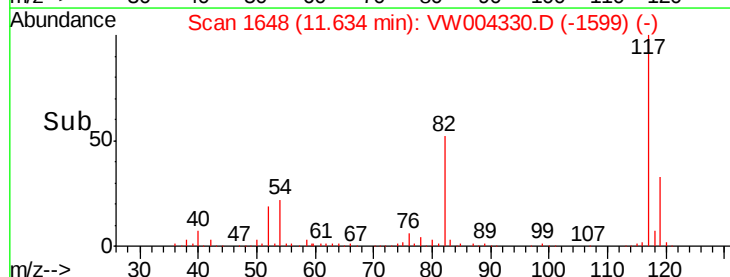
Abundance Ion 116.90 (116.60 to 117.60): VW

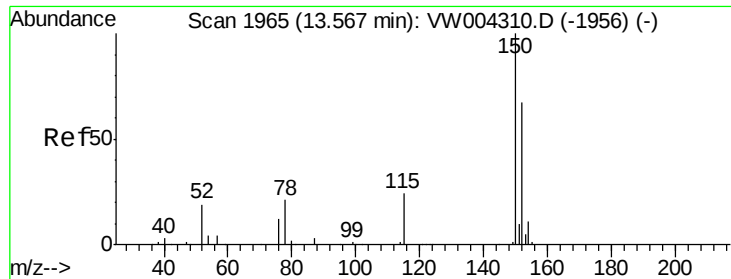
Ion 82.00 (81.70 to 82.70): VW

Ion 118.90 (118.60 to 119.60): VW

11.63

Time-->



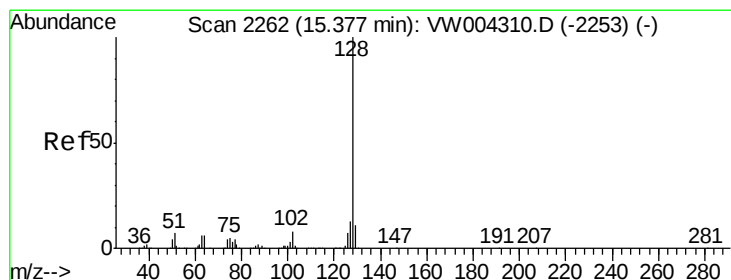
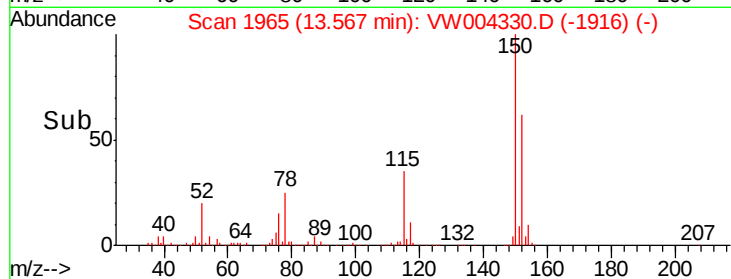
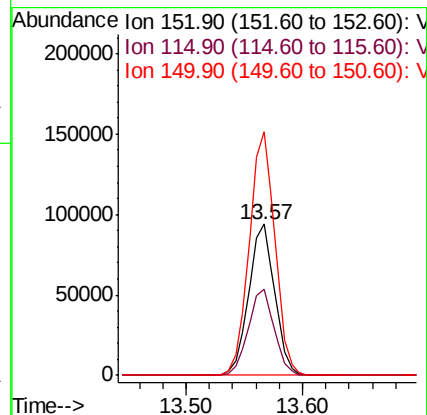
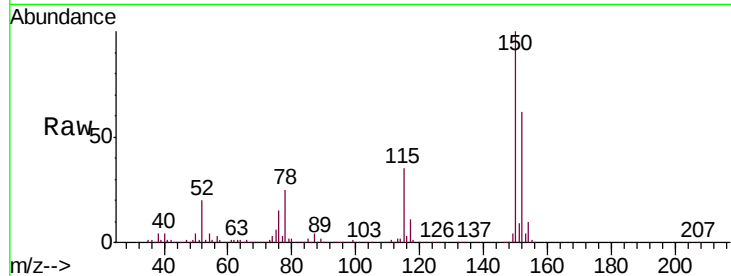


#72

1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.57 min Scan# 1965
Delta R.T. -0.00 min
Lab File: VW004330.D
Acq: 29 Jul 2018 22:33

Instrument :
MSVOA_W
ClientSampleId :
LA-SOIL-2

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.9	28.8	86.4
150	158.3	0.0	346.4



#95

Naphthalene
Concen: 16.83 ug/l
RT: 15.38 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VW004330.D
Acq: 29 Jul 2018 22:33

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.4	15.6
129	10.9	8.6	13.0

