

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061418\
 Data File : VX002584.D
 Acq On : 15 Jun 2018 06:28
 Operator : JC/MD
 Sample : J3487-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL

Quant Time: Jun 15 07:46:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

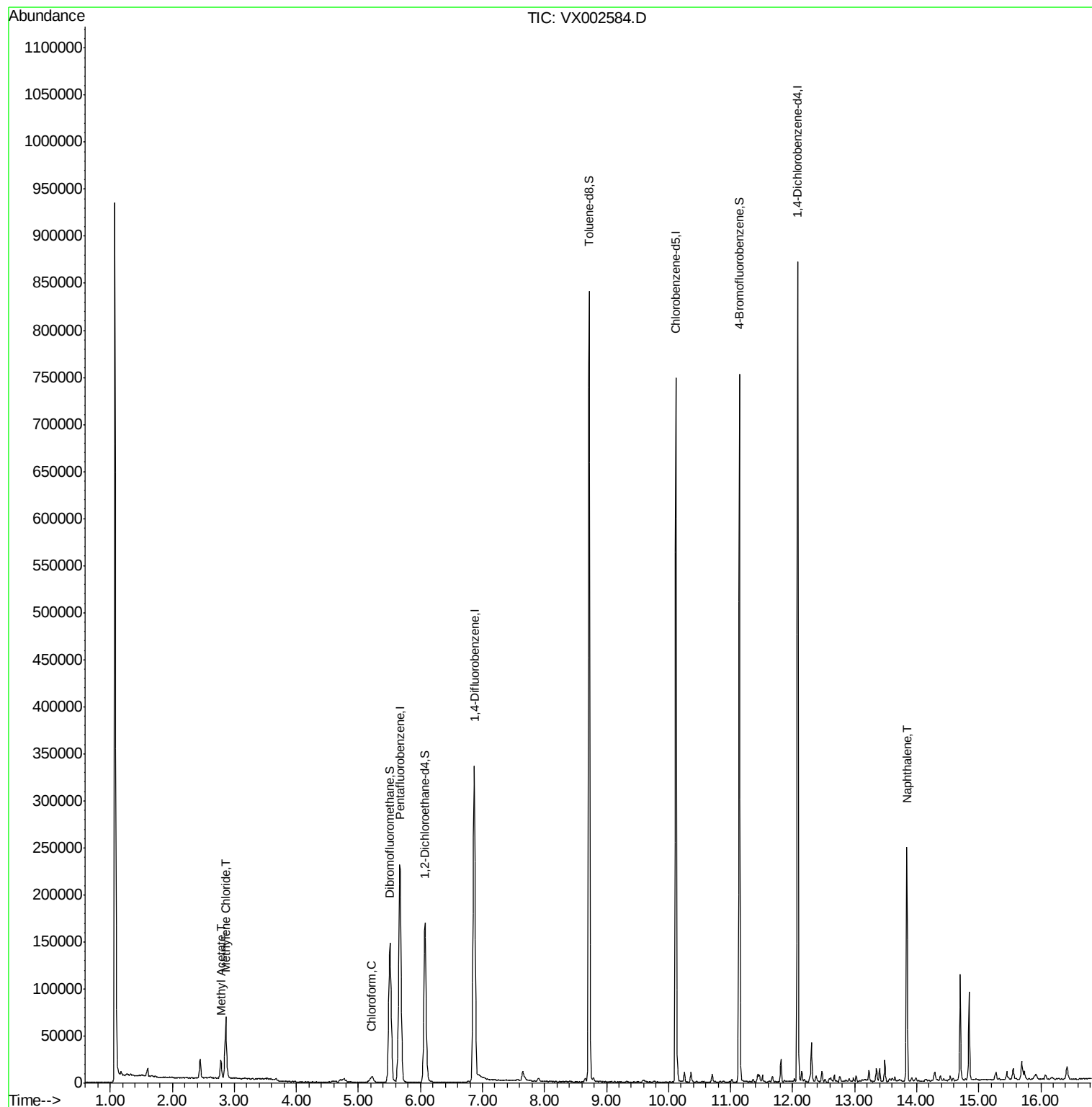
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	227197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	331388	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	312787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	183281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	159006	48.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	119152	45.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.44%	
50) Toluene-d8	8.72	98	477817	47.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.66%	
62) 4-Bromofluorobenzene	11.14	95	172247	44.72	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.44%	
Target Compounds						
18) Methyl Acetate	2.78	43	23104	4.651	ug/l	97
20) Methylene Chloride	2.86	84	29430	9.202	ug/l	97
30) Chloroform	5.22	83	6555	1.309	ug/l	87
95) Naphthalene	13.84	128	153781	11.527	ug/l	99

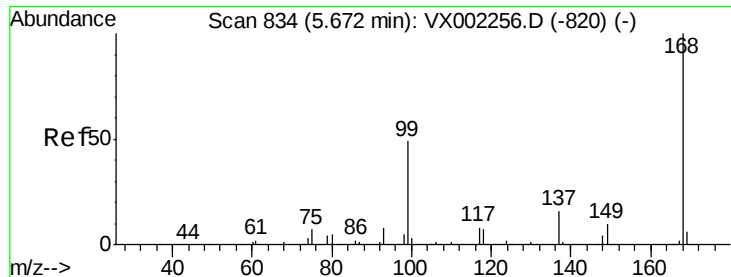
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.00 min

Lab File: VX002584.D

Acq: 15 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

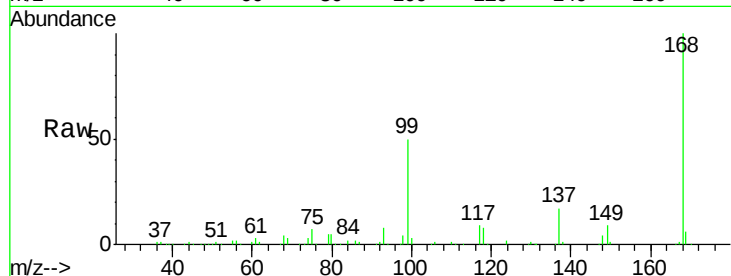
OILY-SOIL

Tot Ion:168 Resp: 227197

Ion Ratio Lower Upper

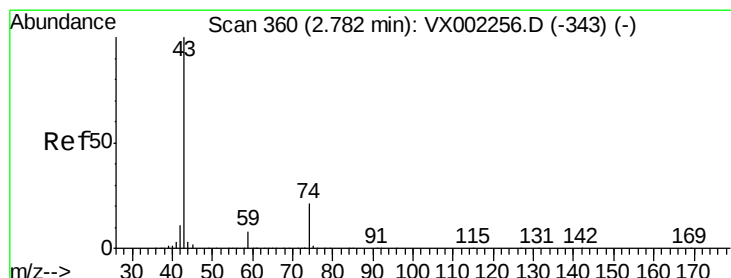
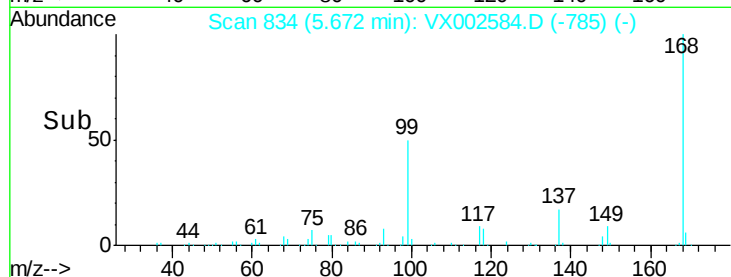
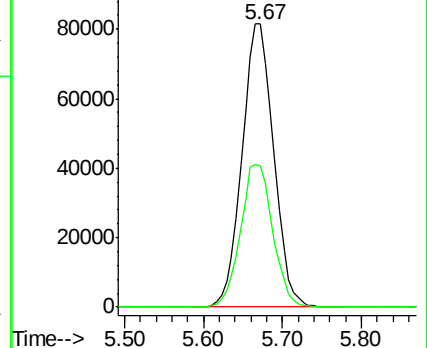
168 100

99 49.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#18

Methyl Acetate

Concen: 4.651 ug/l

RT: 2.78 min Scan# 360

Delta R.T. -0.00 min

Lab File: VX002584.D

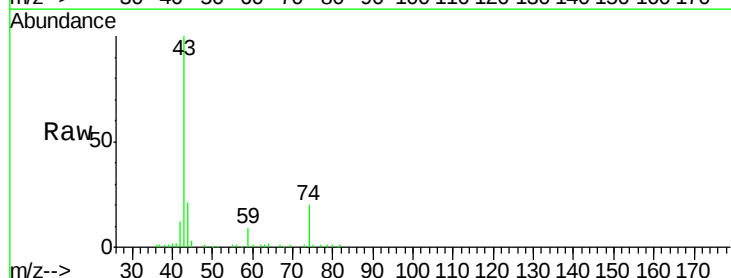
Acq: 15 Jun 2018 06:28

Tgt Ion: 43 Resp: 23104

Ion Ratio Lower Upper

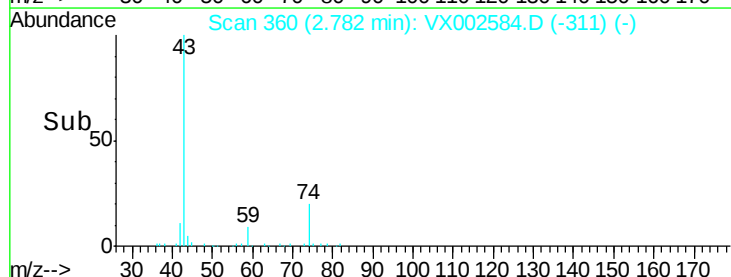
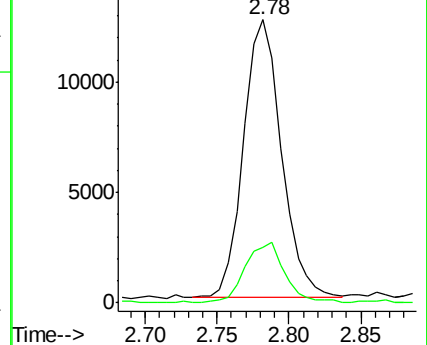
43 100

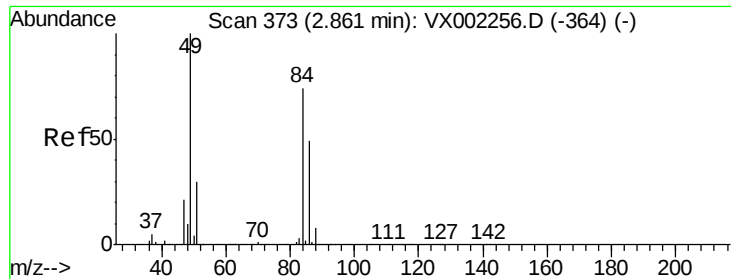
74 22.5 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

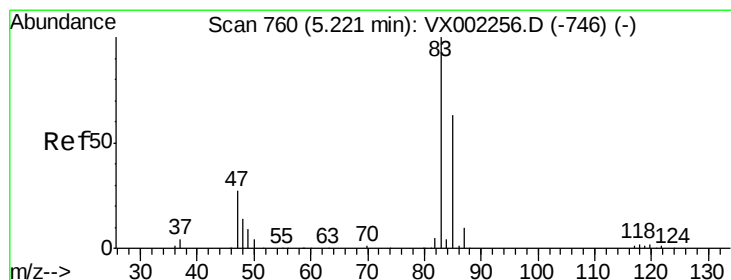
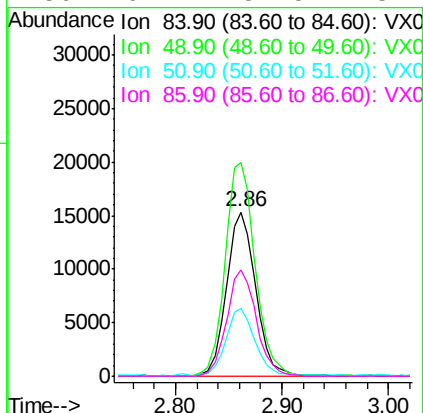
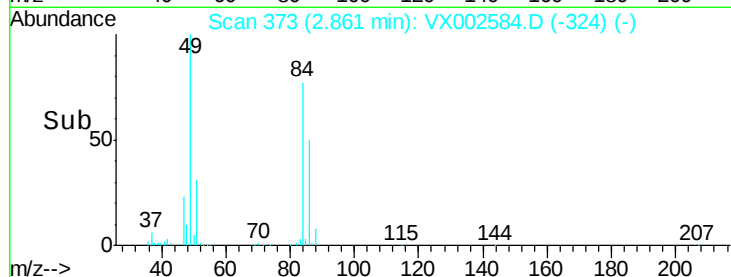
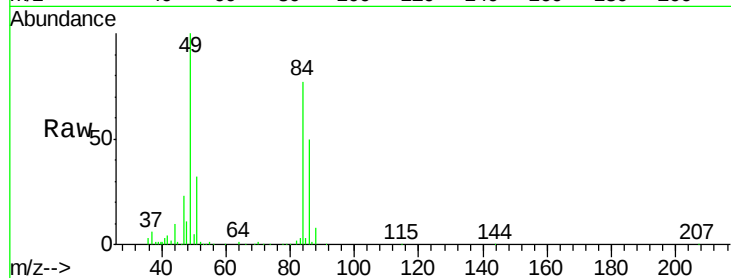




#20
Methvlene Chloride
Concen: 9.202 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

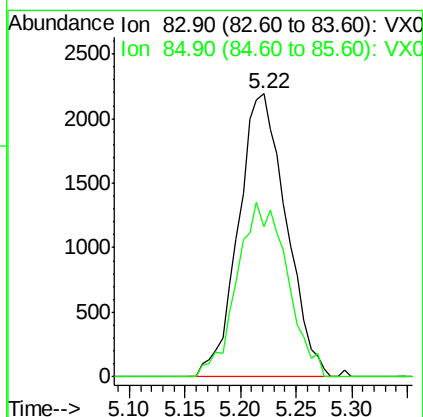
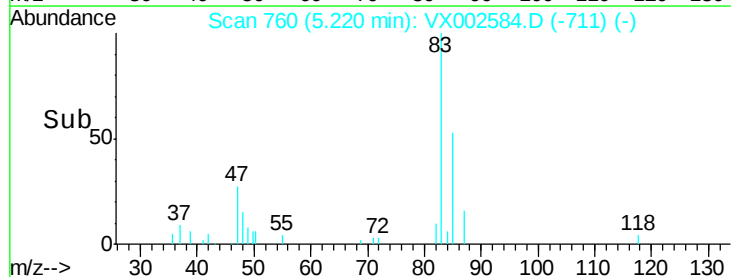
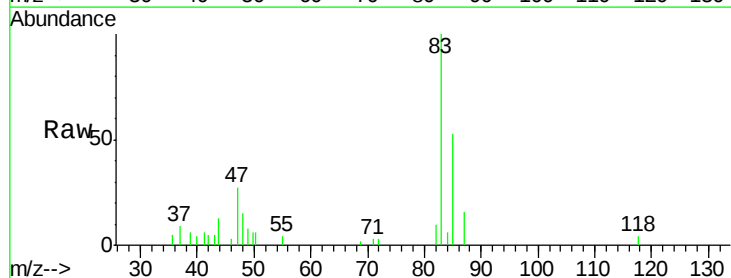
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL

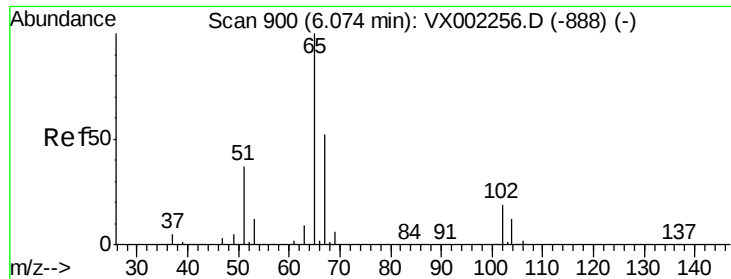
Tot Ion: 84 Resp: 29430
Ion Ratio Lower Upper
84 100
49 130.0 107.8 161.6
51 40.6 32.8 49.2
86 64.4 52.5 78.7



#30
Chloroform
Concen: 1.309 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

Tgt Ion: 83 Resp: 6555
Ion Ratio Lower Upper
83 100
85 53.3 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 48.863 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002584.D

Acq: 15 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

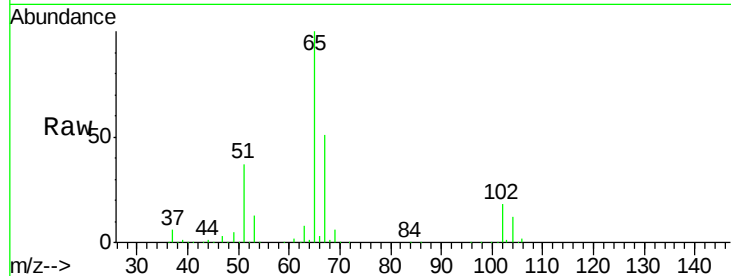
OILY-SOIL

Tot Ion: 65 Resp: 159006

Ion Ratio Lower Upper

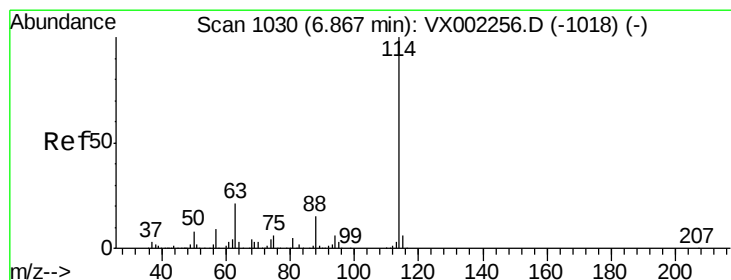
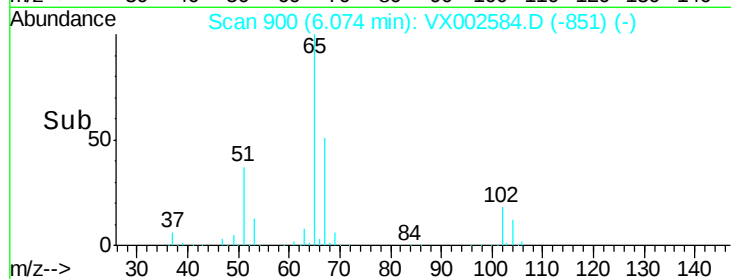
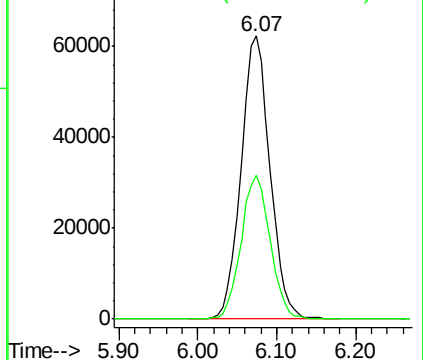
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002584.D

Acq: 15 Jun 2018 06:28

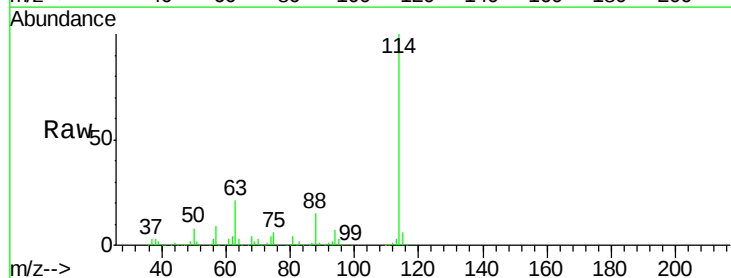
Tgt Ion: 114 Resp: 331388

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.4

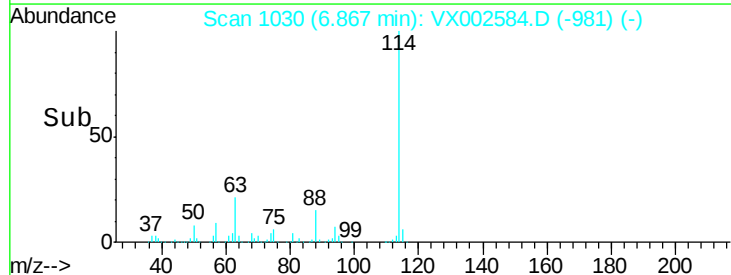
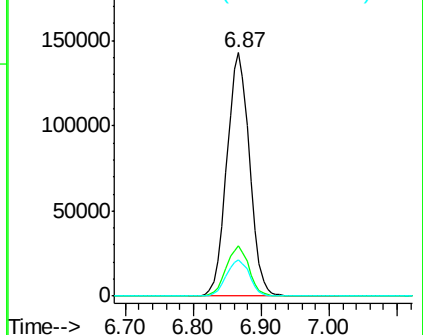
88 15.1 0.0 30.0

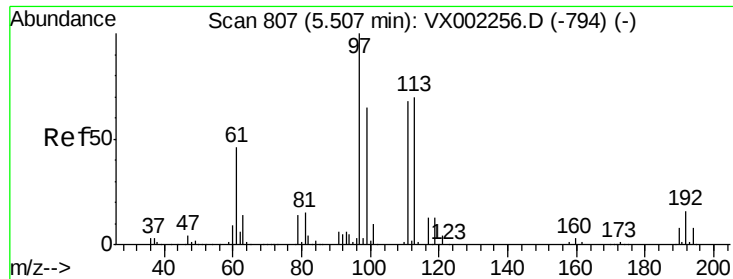


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

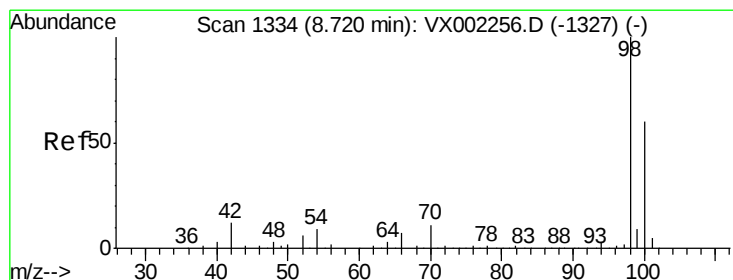
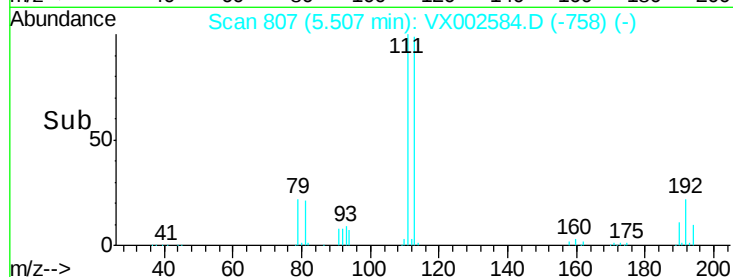
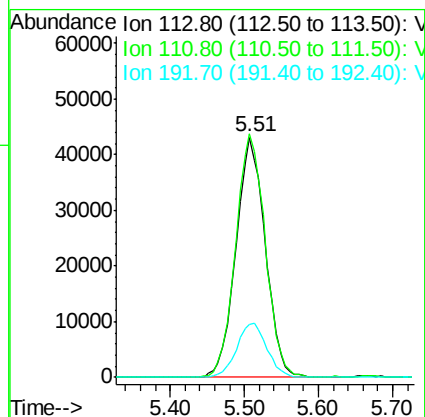
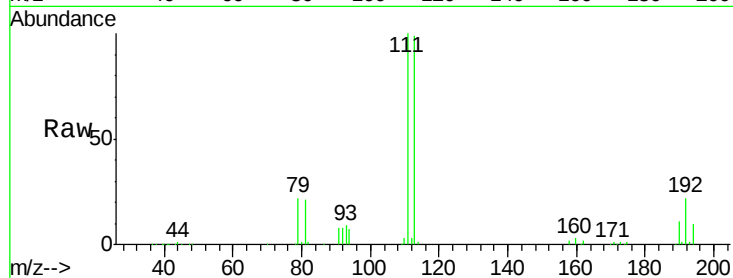




#35
Dibromofluoromethane
Concen: 45.721 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

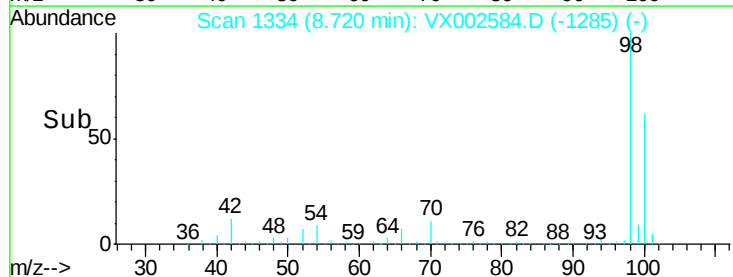
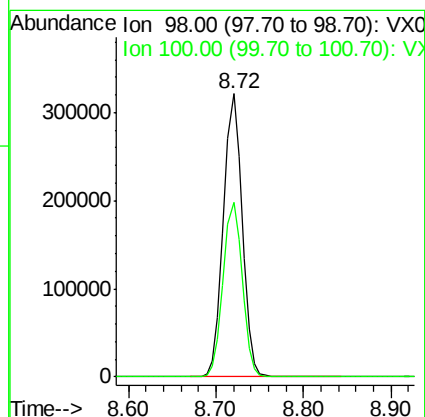
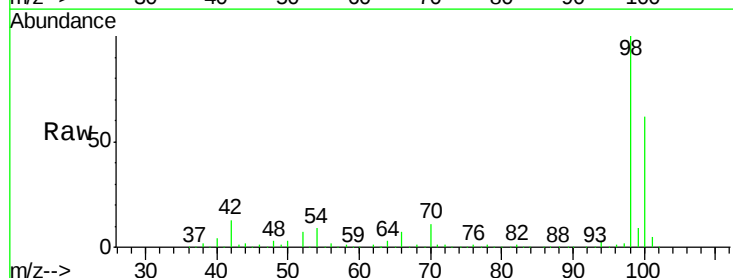
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL

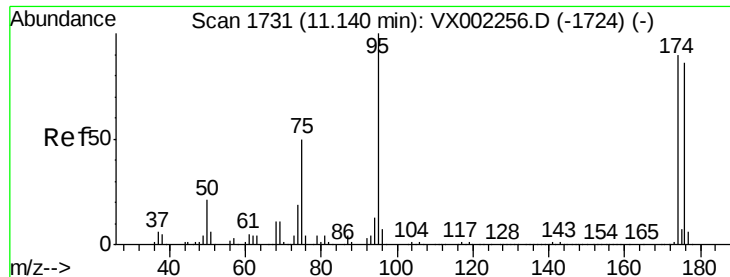
Tot Ion:113 Resp: 119152
Ion Ratio Lower Upper
113 100
111 102.4 81.4 122.0
192 23.2 19.1 28.7



#50
Toluene-d8
Concen: 47.835 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

Tgt Ion: 98 Resp: 477817
Ion Ratio Lower Upper
98 100
100 62.7 50.9 76.3

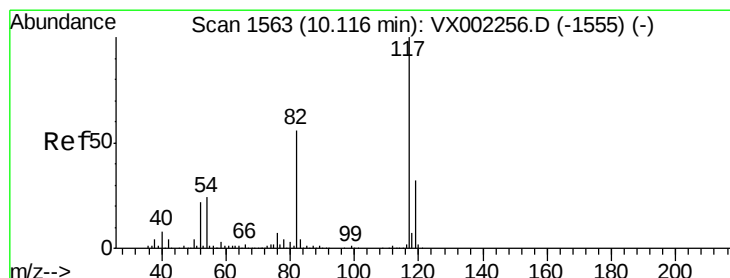
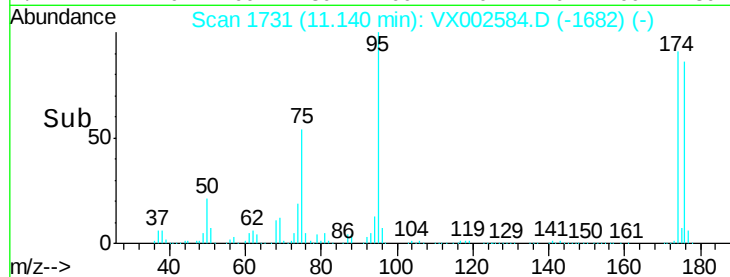
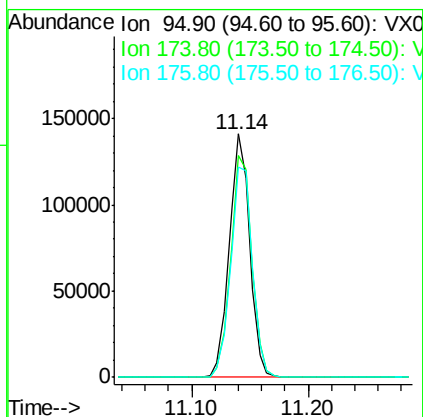
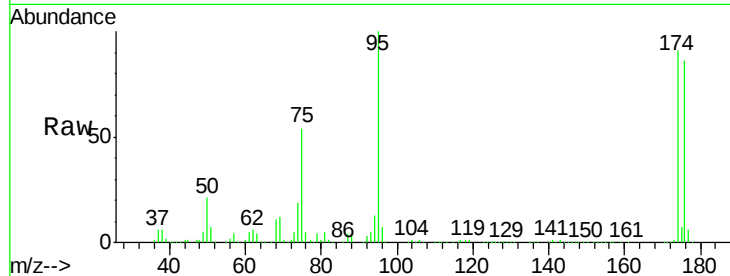




#62
4-Bromofluorobenzene
Concen: 44.718 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

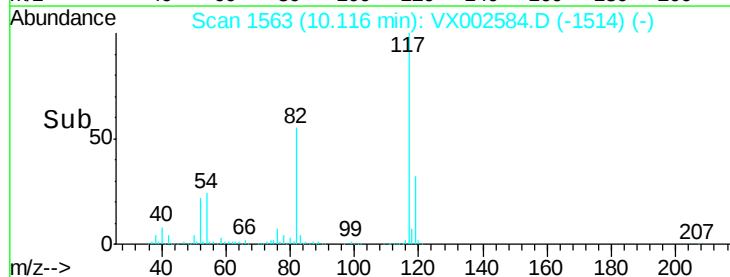
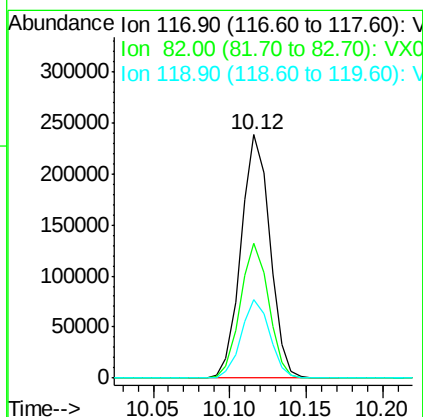
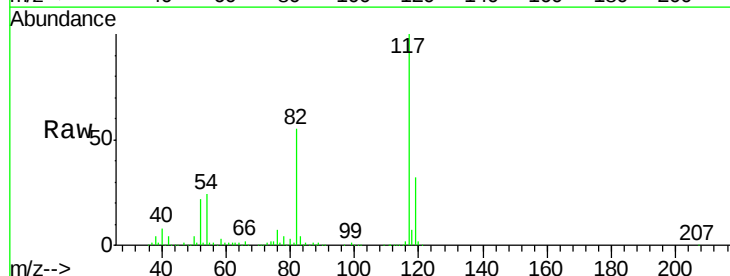
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL

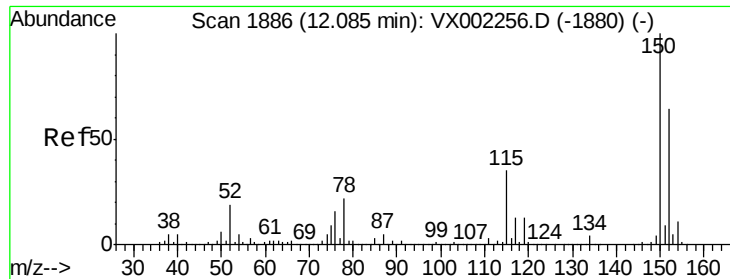
Tot Ion: 95 Resp: 172247
Ion Ratio Lower Upper
95 100
174 94.7 0.0 187.4
176 92.0 0.0 181.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002584.D
Acq: 15 Jun 2018 06:28

Tgt Ion: 117 Resp: 312787
Ion Ratio Lower Upper
117 100
82 55.3 45.0 67.4
119 32.2 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002584.D

Acq: 15 Jun 2018 06:28

Instrument :

MSVOA_X

ClientSampled :

OILY-SOIL

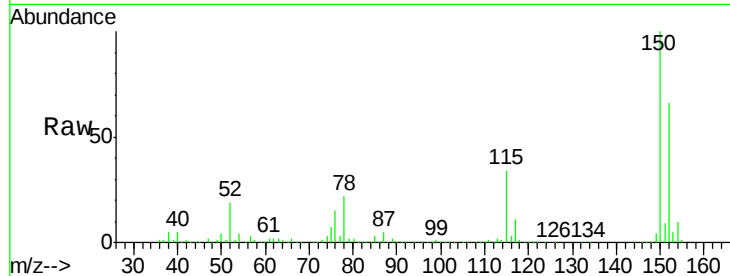
Tot Ion:152 Resp: 183281

Ion Ratio Lower Upper

152 100

115 54.5 40.1 120.2

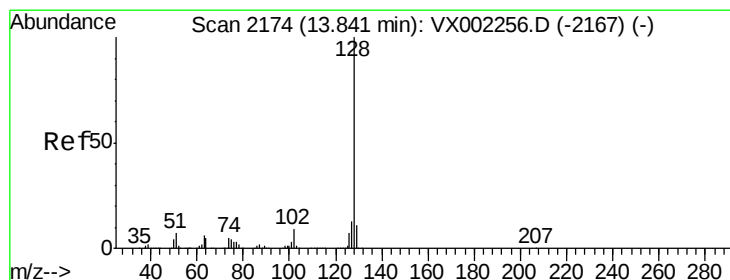
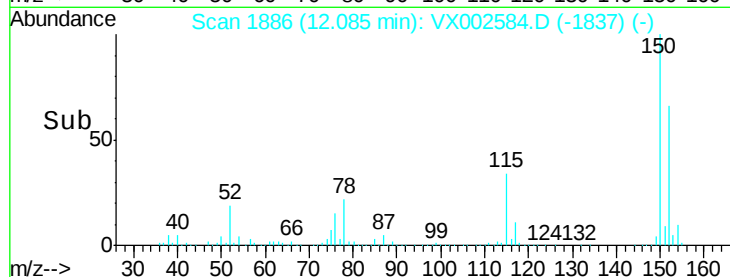
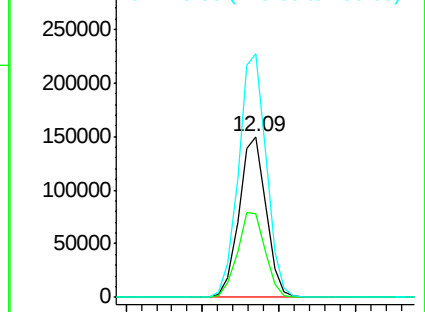
150 154.9 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V



#95

Naphthalene

Concen: 11.527 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002584.D

Acq: 15 Jun 2018 06:28

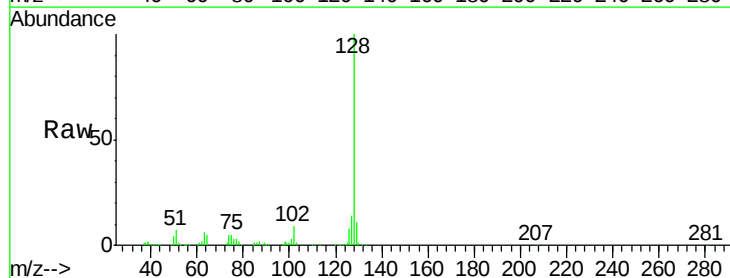
Tgt Ion:128 Resp: 153781

Ion Ratio Lower Upper

128 100

127 13.5 10.4 15.6

129 11.2 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

