

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000336.D
 Acq On : 15 Mar 2018 18:27
 Operator : JC/MD
 Sample : J1913-04 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-M8

Quant Time: Mar 16 04:19:33 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X031418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 15 03:39:21 2018
 Response via : Initial Calibration

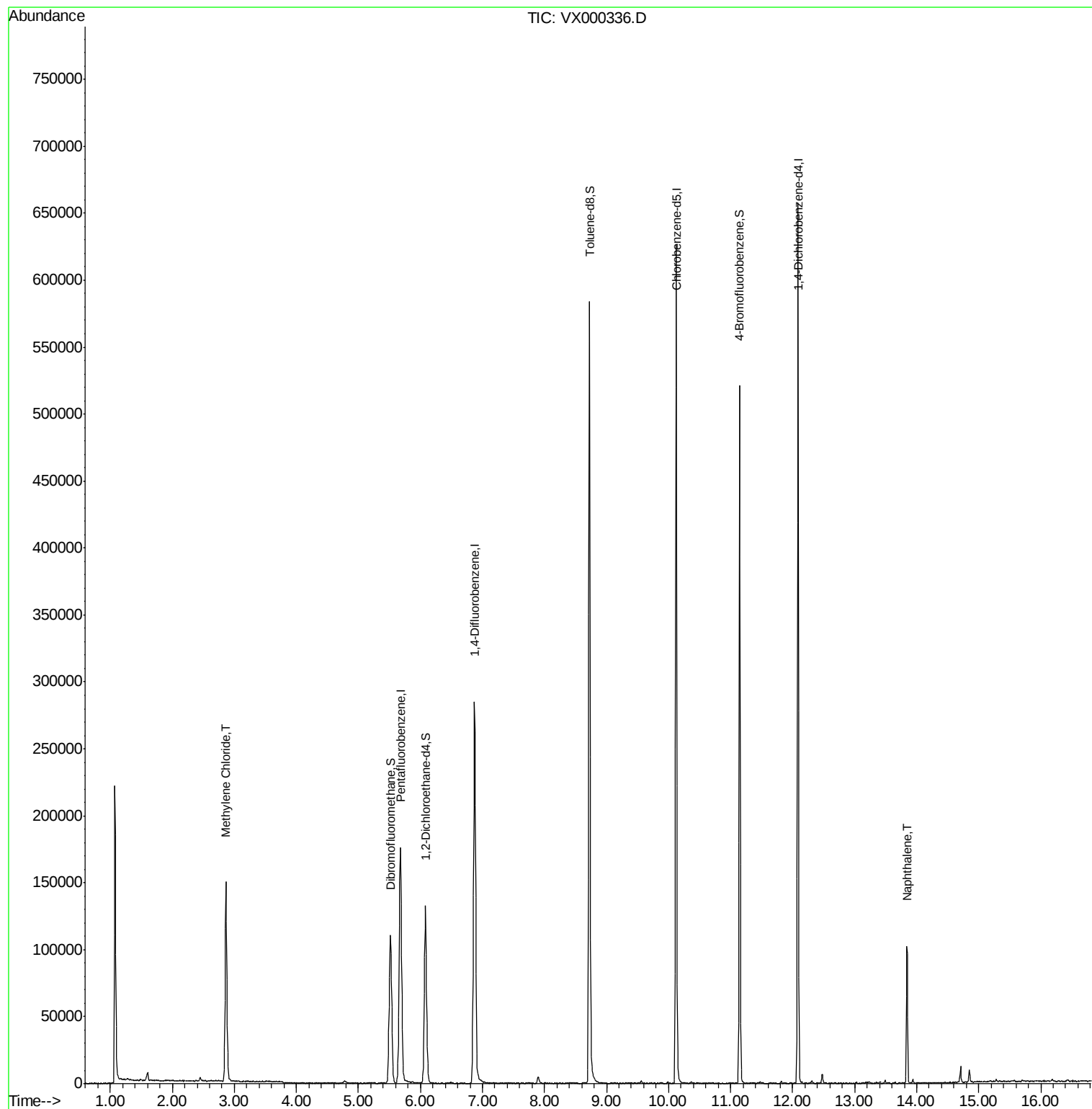
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	170502	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	282829	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	267561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	124985	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	113505	48.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.24%	
35) Dibromofluoromethane	5.52	113	87857	49.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.46%	
50) Toluene-d8	8.73	98	356007	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	11.15	95	117354	39.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.62%	
Target Compounds						
20) Methylene Chloride	2.86	84	68174	33.44	ug/l	98
95) Naphthalene	13.84	128	62998	6.71	ug/l	99

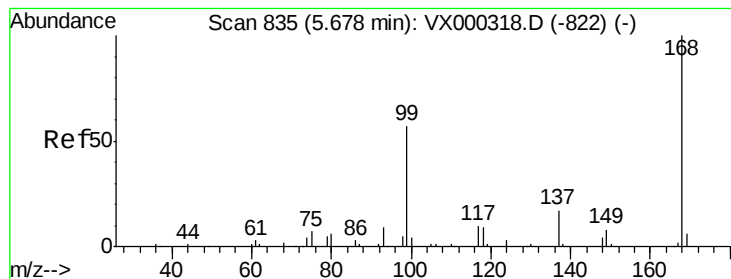
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

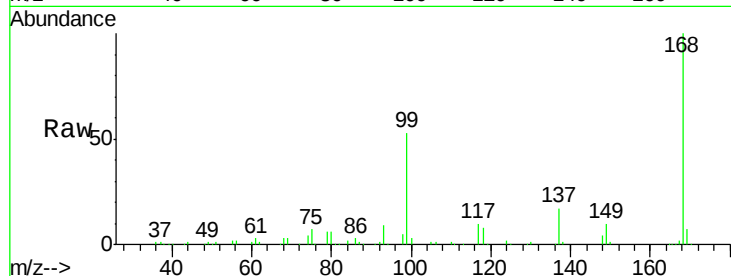
OILY-SOIL-M8

Tot Ion:168 Resp: 170502

Ion Ratio Lower Upper

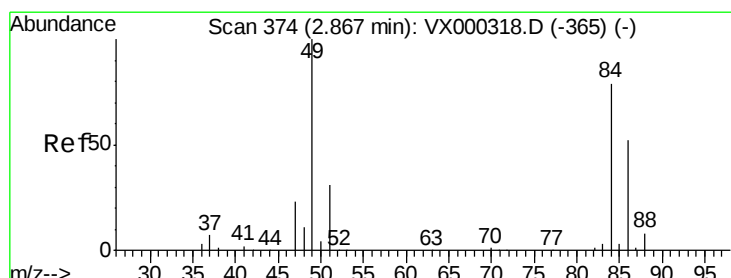
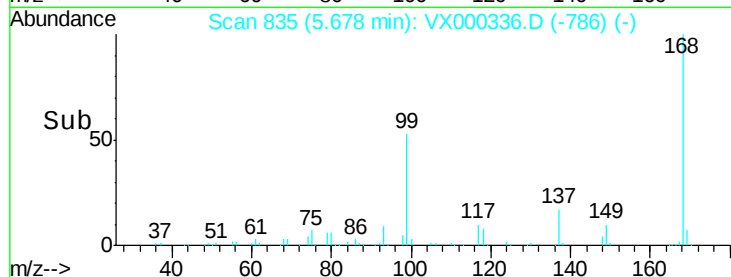
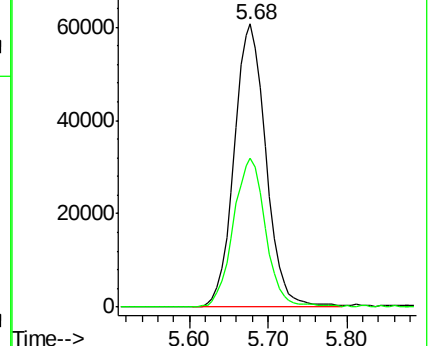
168 100

99 52.8 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#20

Methylene Chloride

Concen: 33.44 ug/l

RT: 2.86 min Scan# 373

Delta R.T. -0.01 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Tgt Ion: 84 Resp: 68174

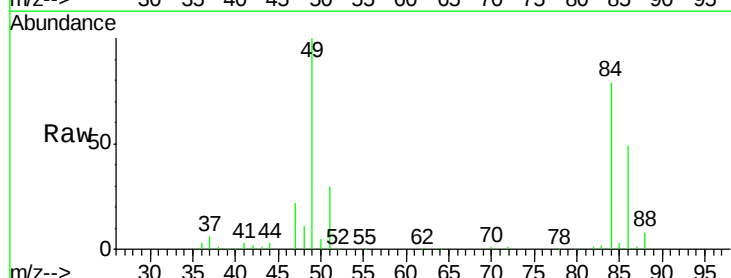
Ion Ratio Lower Upper

84 100

49 125.6 100.6 151.0

51 38.2 31.6 47.4

86 62.1 52.6 78.8

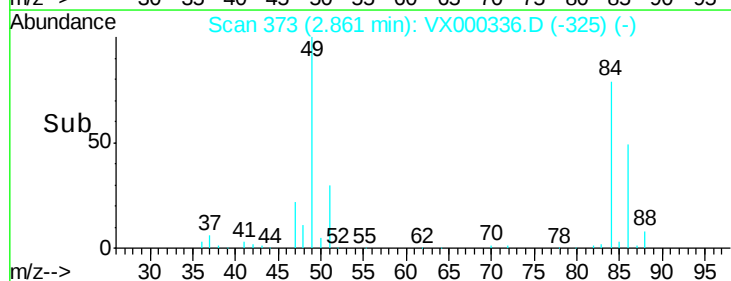
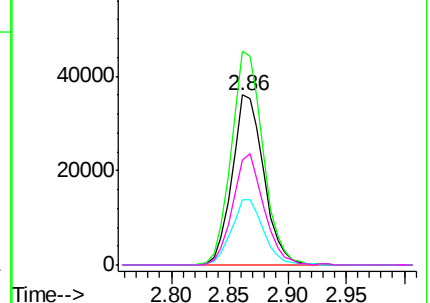


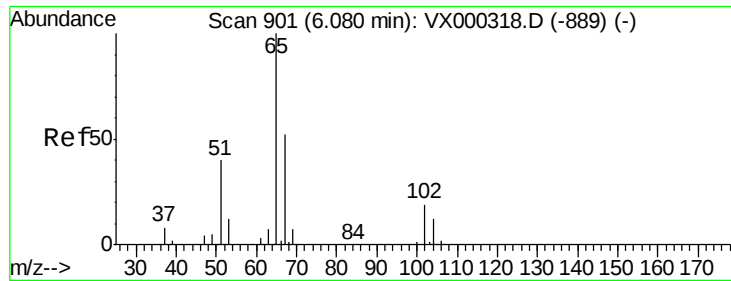
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.12 ug/l

RT: 6.08 min Scan# 901

Delta R.T. 0.00 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampled :

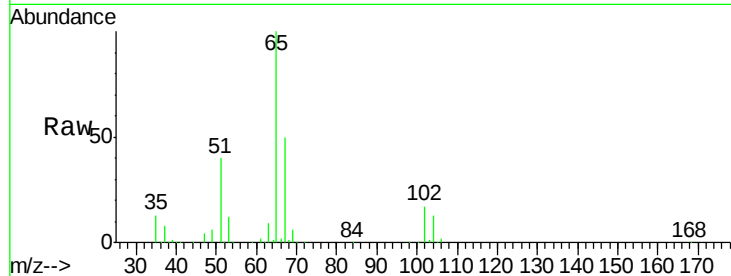
OILY-SOIL-M8

Tot Ion: 65 Resp: 113505

Ion Ratio Lower Upper

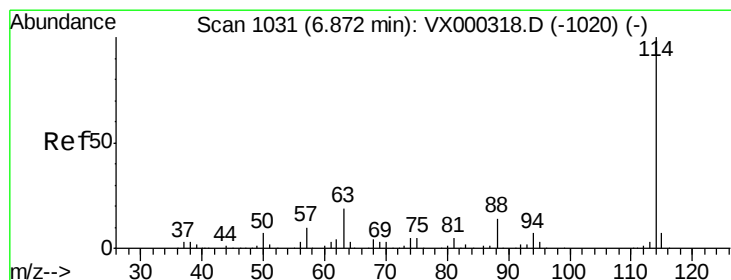
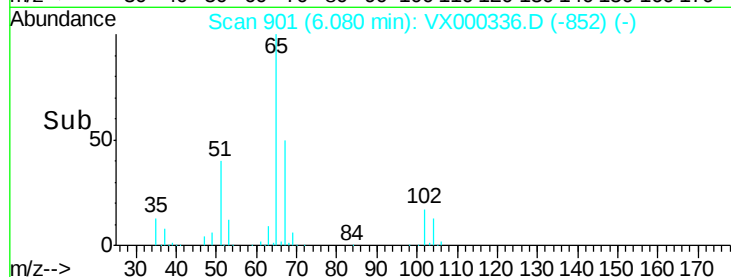
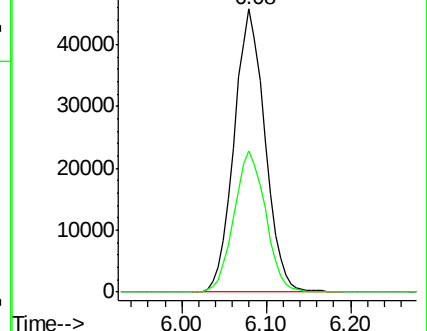
65 100

67 51.0 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

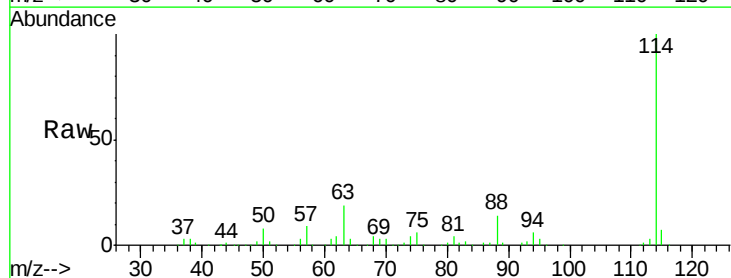
Tgt Ion: 114 Resp: 282829

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.4

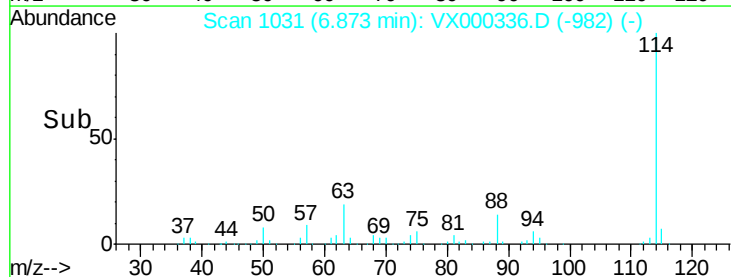
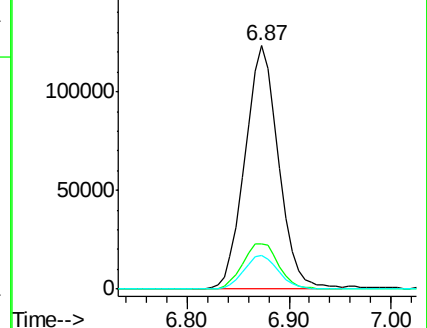
88 13.9 0.0 27.0

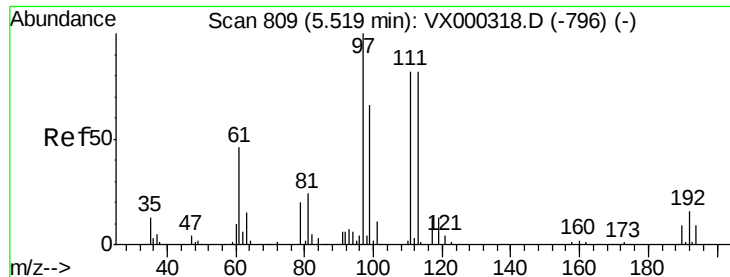


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 49.23 ug/l

RT: 5.52 min Scan# 809

Delta R.T. 0.00 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-M8

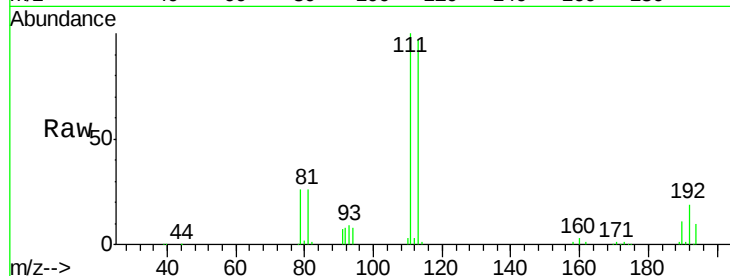
Tot Ion:113 Resp: 87857

Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

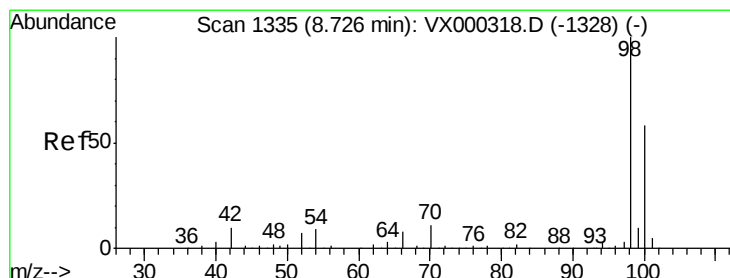
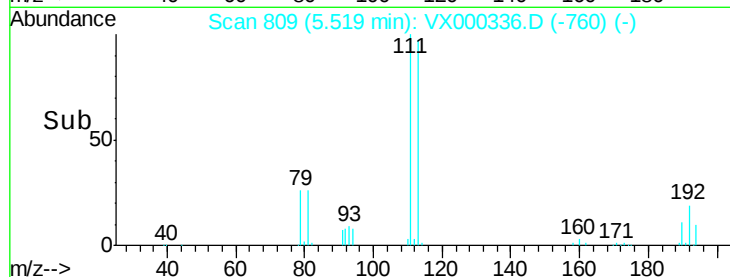
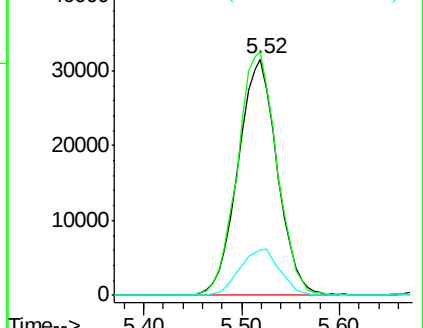
192 20.0 15.8 23.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#50

Toluene-d8

Concen: 47.82 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000336.D

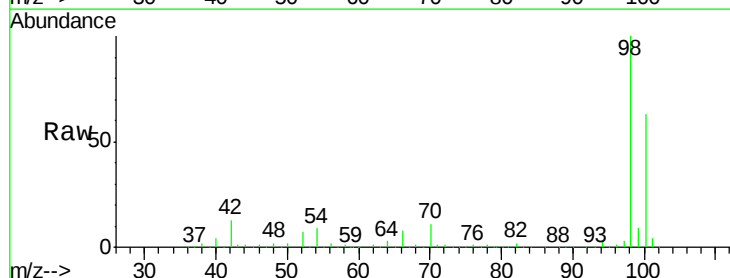
Acq: 15 Mar 2018 18:27

Tgt Ion: 98 Resp: 356007

Ion Ratio Lower Upper

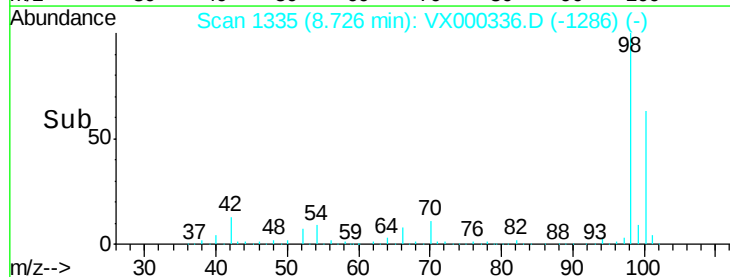
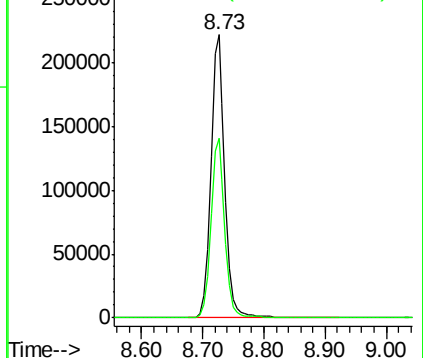
98 100

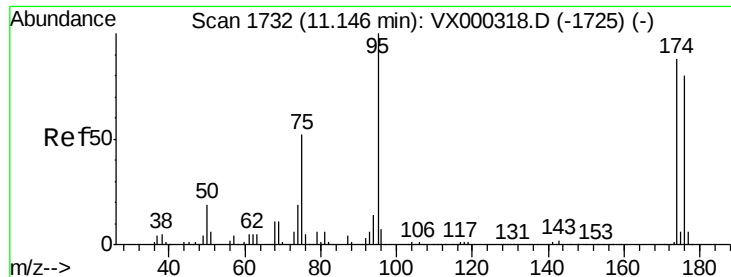
100 63.4 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

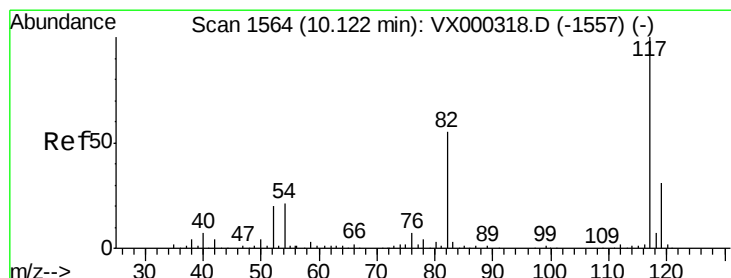
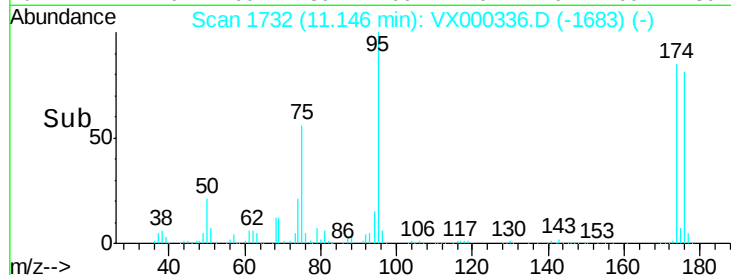
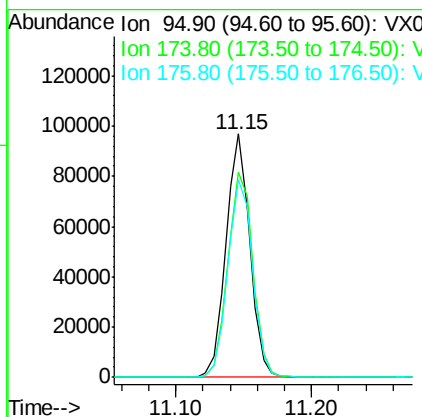
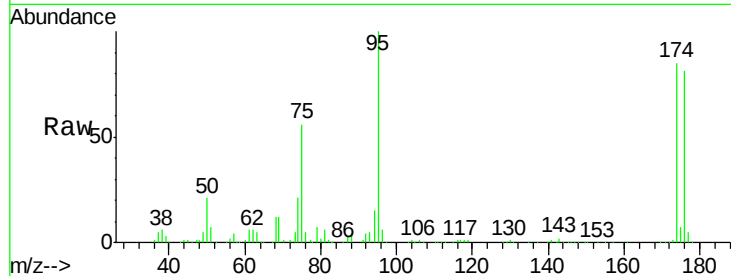




#62
4-Bromofluorobenzene
Concen: 39.31 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

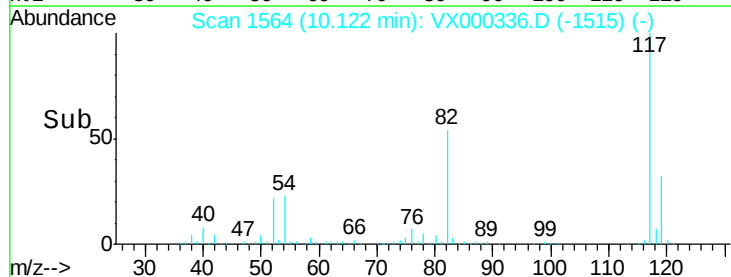
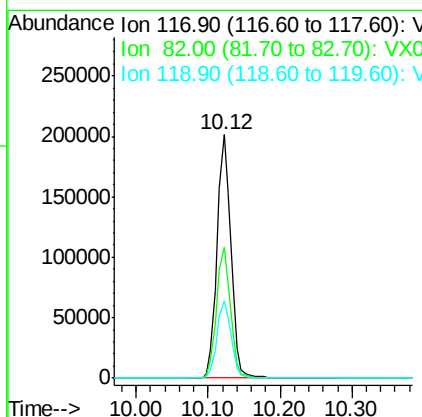
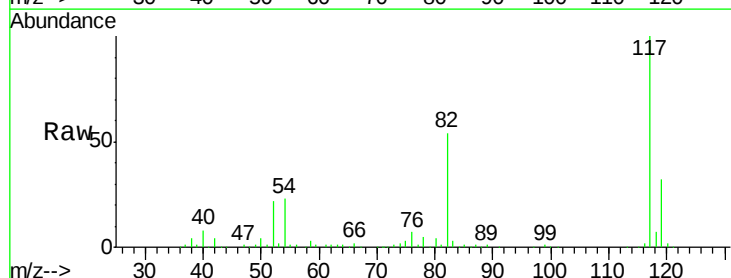
Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-M8

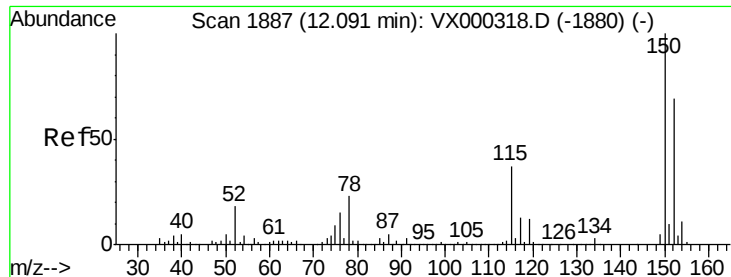
Tot Ion: 95 Resp: 117354
Ion Ratio Lower Upper
95 100
174 88.8 0.0 173.6
176 85.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000336.D
Acq: 15 Mar 2018 18:27

Tgt Ion: 117 Resp: 267561
Ion Ratio Lower Upper
117 100
82 53.8 43.8 65.8
119 31.5 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-M8

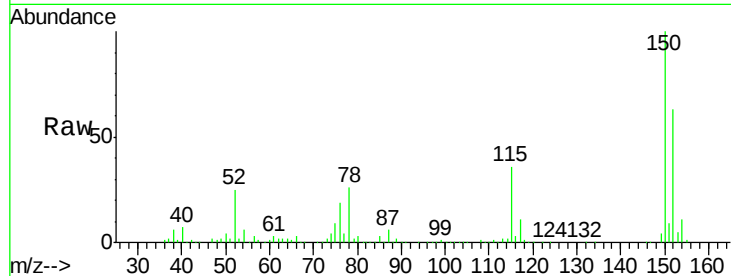
Tot Ion:152 Resp: 124985

Ion Ratio Lower Upper

152 100

115 55.8 39.8 119.3

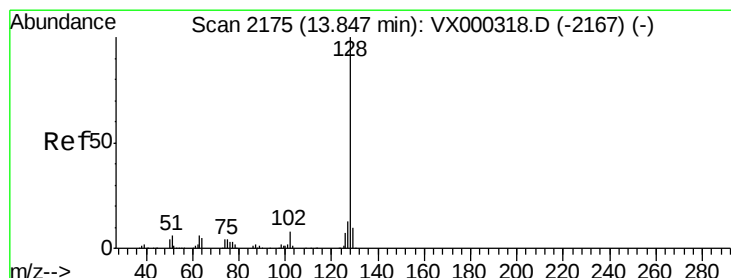
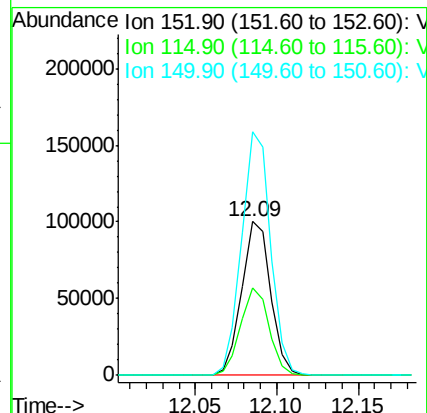
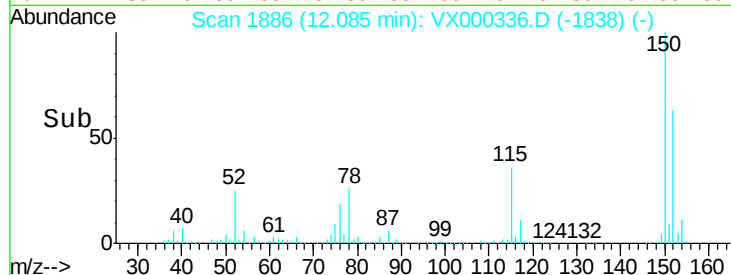
150 157.6 0.0 344.4



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: 6.71 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.01 min

Lab File: VX000336.D

Acq: 15 Mar 2018 18:27

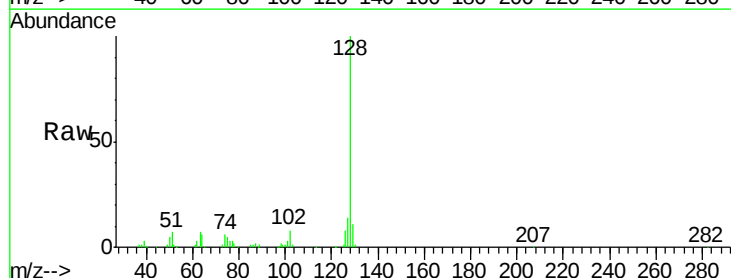
Tgt Ion:128 Resp: 62998

Ion Ratio Lower Upper

128 100

127 13.4 10.6 15.8

129 10.7 8.9 13.3



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

