

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000339.D
 Acq On : 15 Mar 2018 19:44
 Operator : JC/MD
 Sample : J1913-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-124029

Quant Time: Mar 16 04:28:16 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

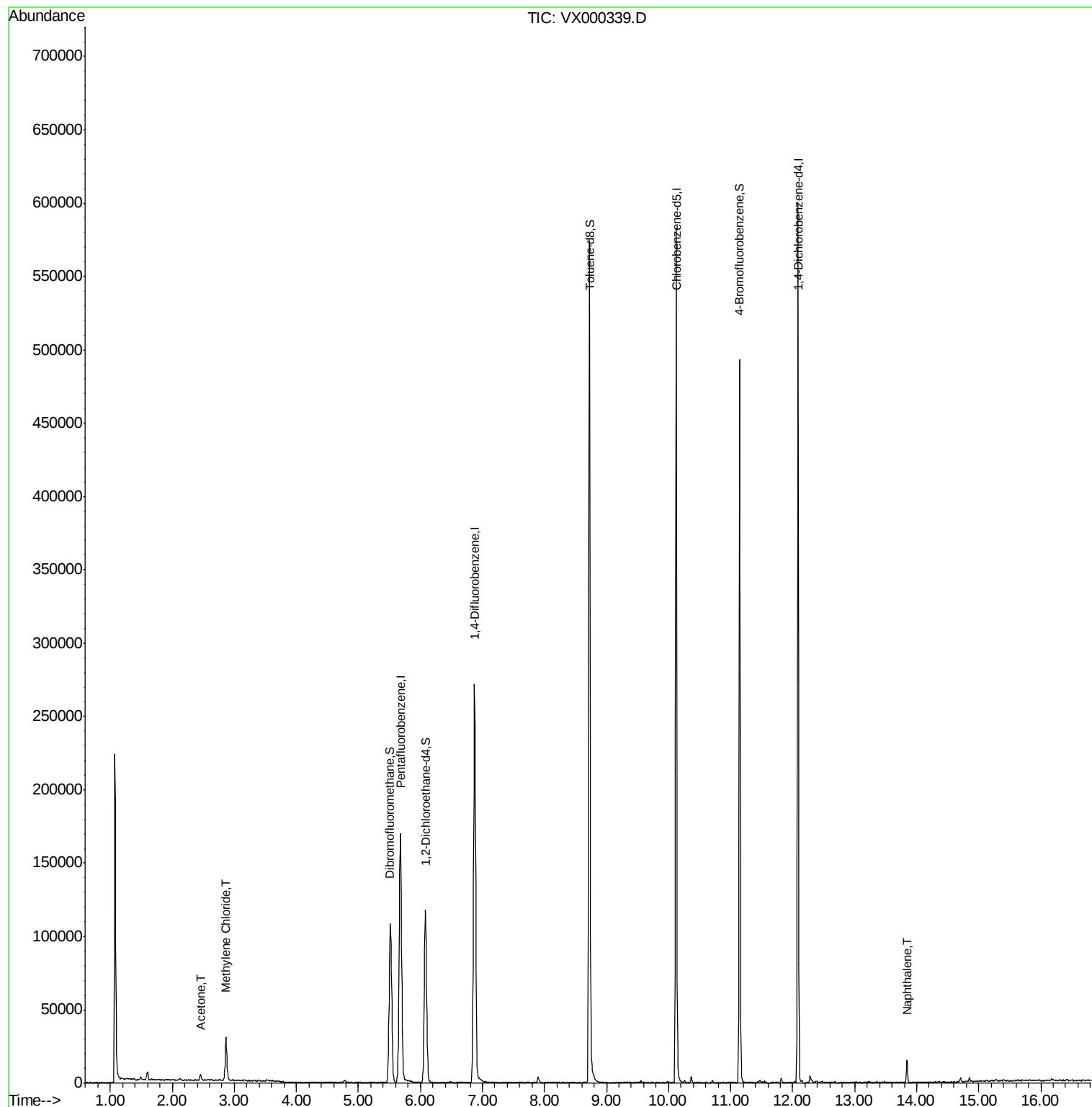
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	162699	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	272512	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	249913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	114694	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	109344	48.58	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.16%	
35) Dibromofluoromethane	5.51	113	86338	50.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.42%	
50) Toluene-d8	8.73	98	337374	47.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.08%	
62) 4-Bromofluorobenzene	11.15	95	110110	38.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	76.56%	
Target Compounds						
16) Acetone	2.45	43	4829	3.21	ug/l	92
20) Methylene Chloride	2.86	84	13126	6.75	ug/l	97
95) Naphthalene	13.84	128	9056	1.05	ug/l	98

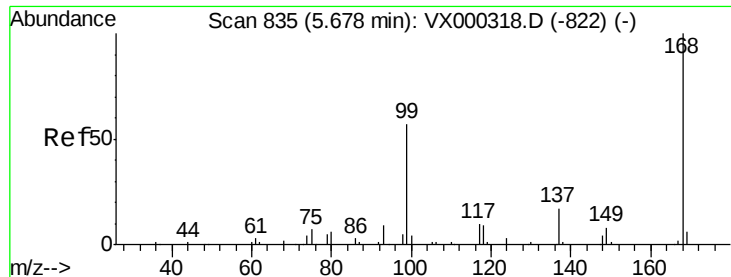
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 15 03:39:21 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. 0.00 min

Lab File: VX000339.D

Acq: 15 Mar 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

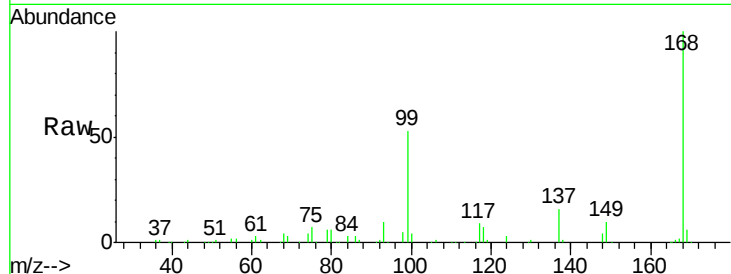
OILY-SOIL-124029

Tot Ion:168 Resp: 162699

Ion Ratio Lower Upper

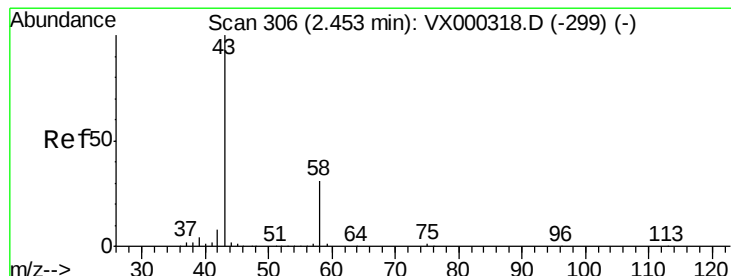
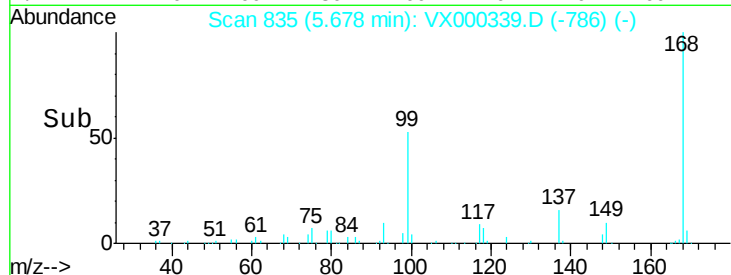
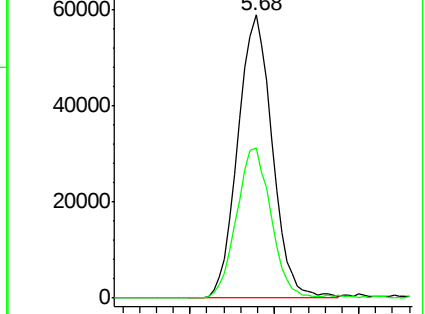
168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 3.21 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX000339.D

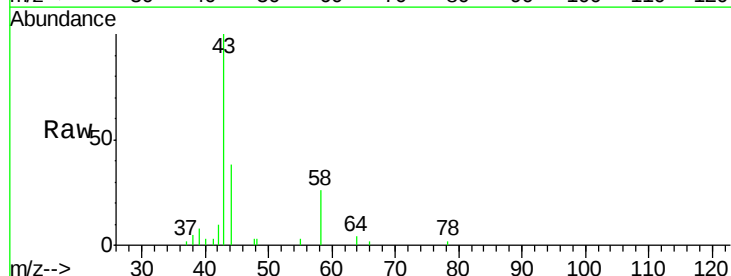
Acq: 15 Mar 2018 19:44

Tgt Ion: 43 Resp: 4829

Ion Ratio Lower Upper

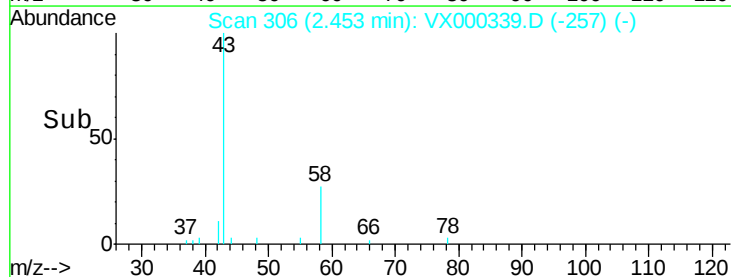
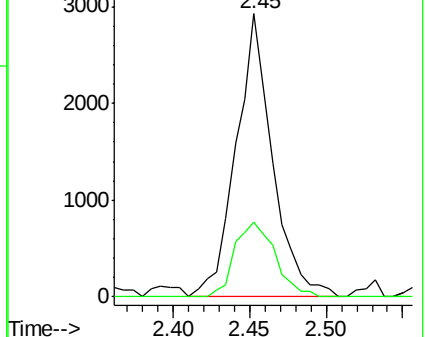
43 100

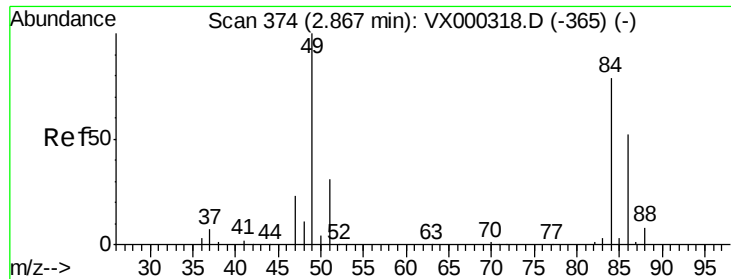
58 26.4 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

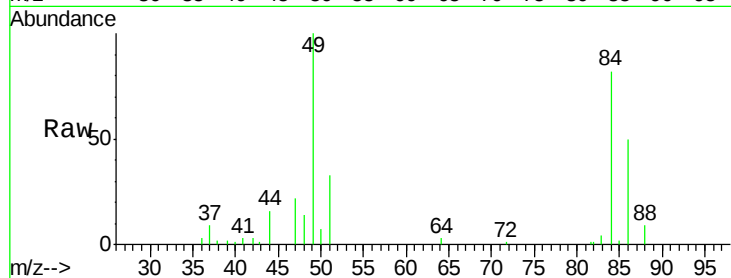




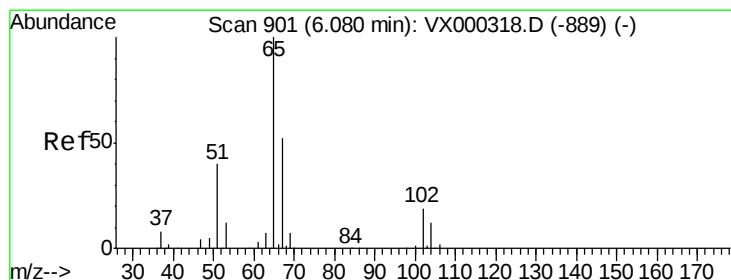
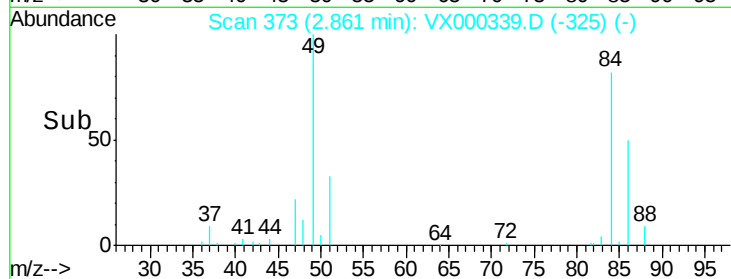
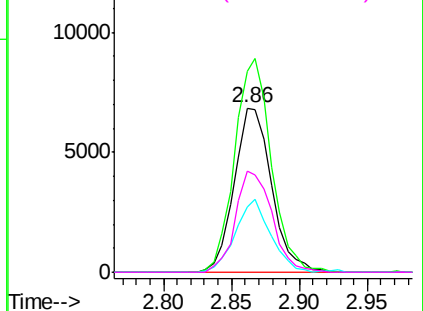
#20
Methylene Chloride
Concen: 6.75 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.01 min
Lab File: VX000339.D
Acq: 15 Mar 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-124029

Tot Ion: 84 Resp: 13126
Ion Ratio Lower Upper
84 100
49 122.5 100.6 151.0
51 39.9 31.6 47.4
86 61.4 52.6 78.8

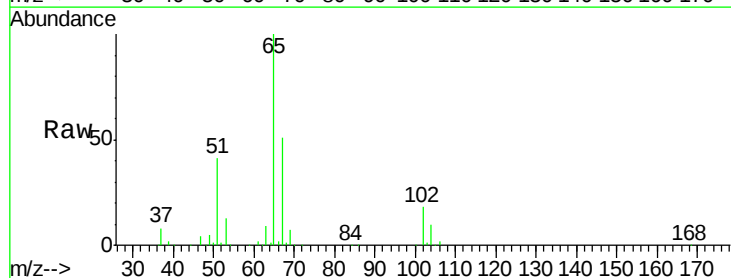


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

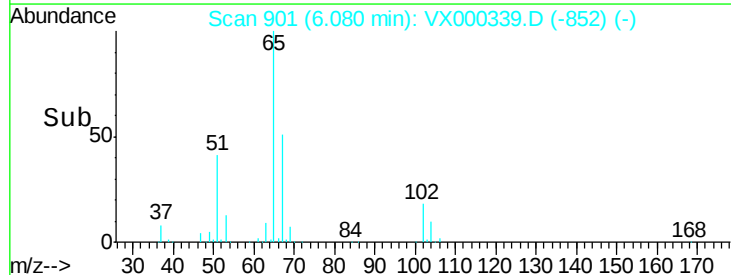
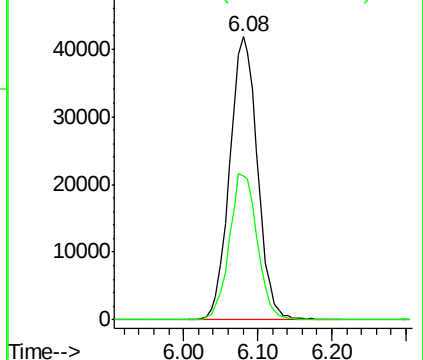


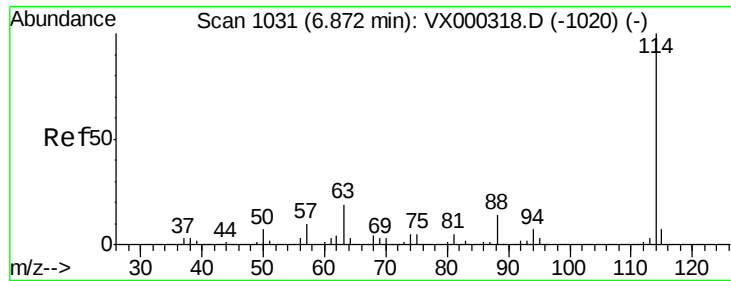
#33
1,2-Dichloroethane-d4
Concen: 48.58 ug/l
RT: 6.08 min Scan# 901
Delta R.T. 0.00 min
Lab File: VX000339.D
Acq: 15 Mar 2018 19:44

Tgt Ion: 65 Resp: 109344
Ion Ratio Lower Upper
65 100
67 51.7 0.0 103.2



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

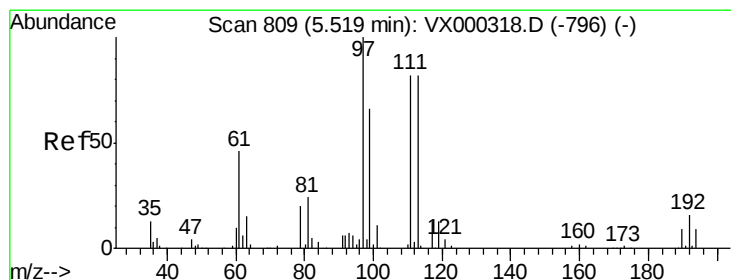
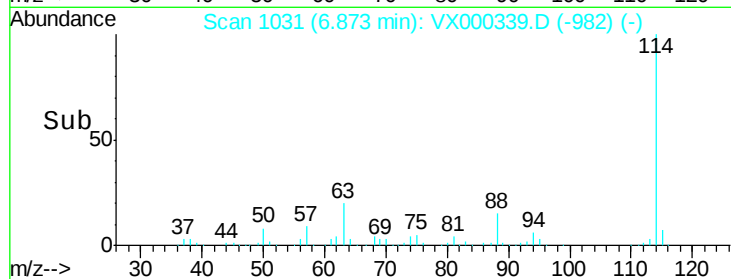
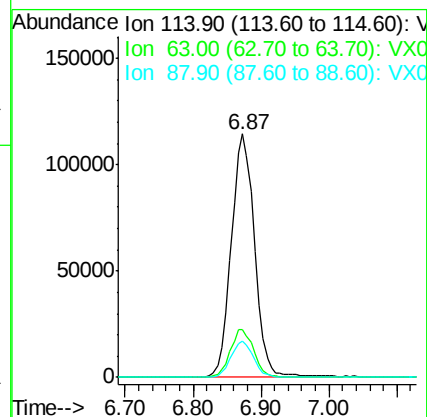
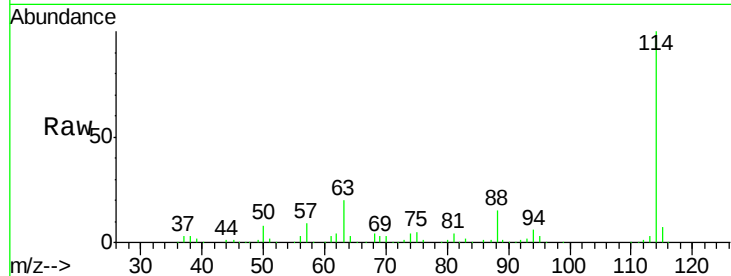




#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.00 min
 Lab File: VX000339.D
 Acq: 15 Mar 2018 19:44

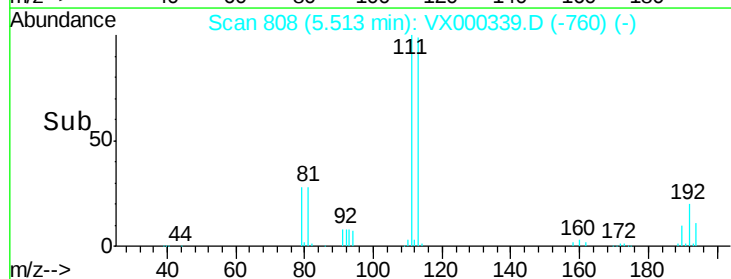
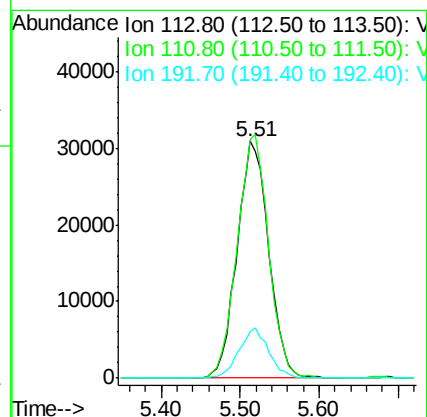
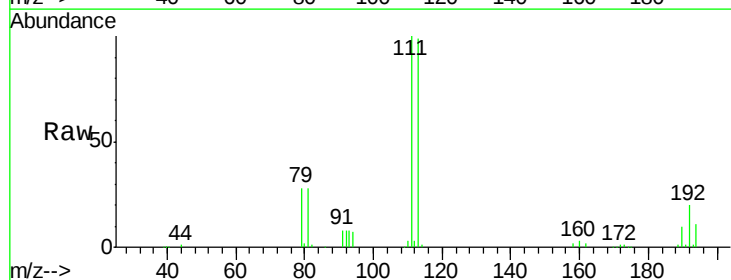
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-124029

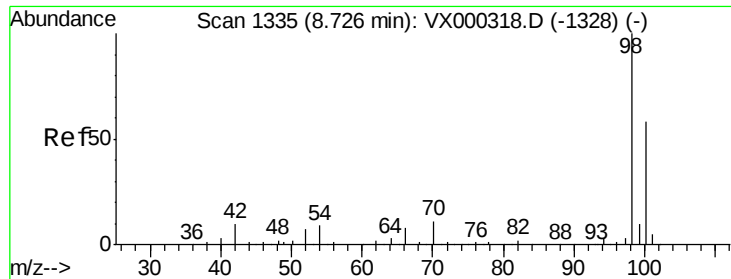
Tot Ion:114 Resp: 272512
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 38.4
 88 15.0 0.0 27.0



#35
 Dibromofluoromethane
 Concen: 50.21 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.01 min
 Lab File: VX000339.D
 Acq: 15 Mar 2018 19:44

Tgt Ion:113 Resp: 86338
 Ion Ratio Lower Upper
 113 100
 111 101.6 82.4 123.6
 192 19.8 15.8 23.6





#50

Toluene-d8

Concen: 47.04 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. 0.00 min

Lab File: VX000339.D

Acq: 15 Mar 2018 19:44

Instrument :

MSVOA_X

ClientSampleId :

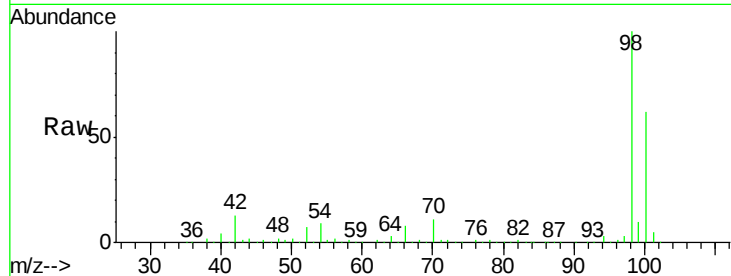
OILY-SOIL-124029

Tot Ion: 98 Resp: 337374

Ion Ratio Lower Upper

98 100

100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.73

250000

200000

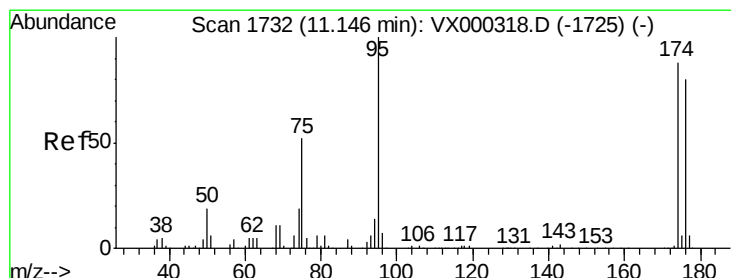
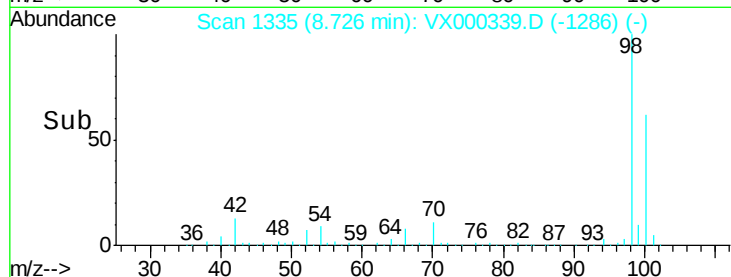
150000

100000

50000

0

Time--> 8.60 8.70 8.80 8.90



#62

4-Bromofluorobenzene

Concen: 38.28 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VX000339.D

Acq: 15 Mar 2018 19:44

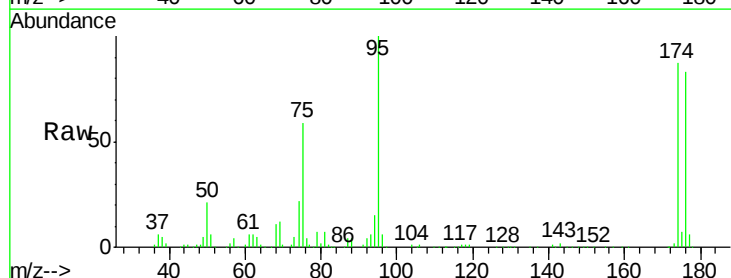
Tgt Ion: 95 Resp: 110110

Ion Ratio Lower Upper

95 100

174 88.3 0.0 173.6

176 84.6 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

120000

100000

80000

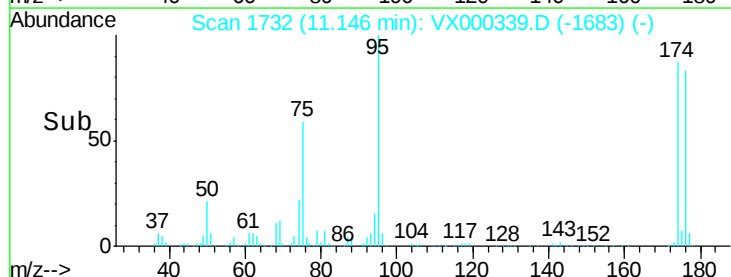
60000

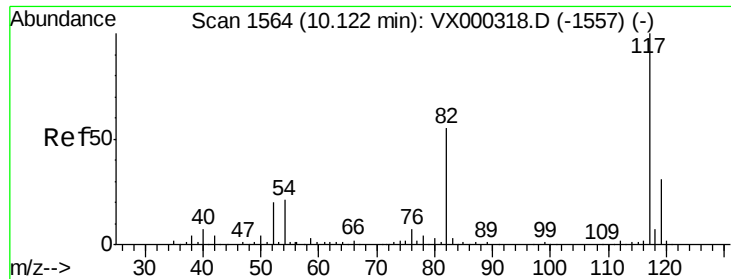
40000

20000

0

Time--> 11.10 11.20

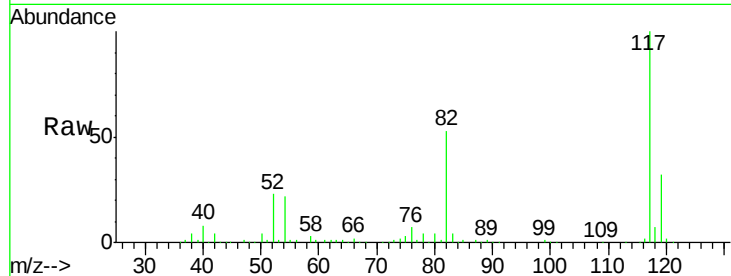




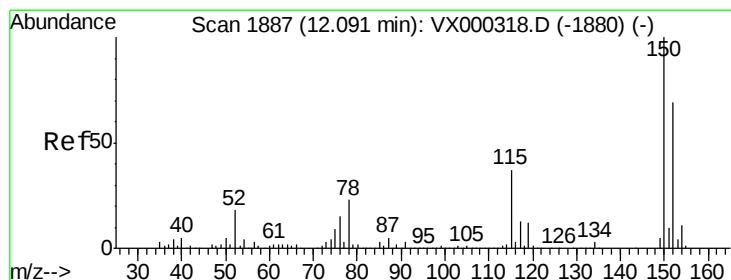
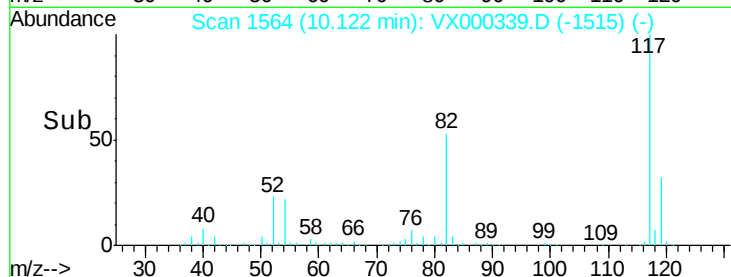
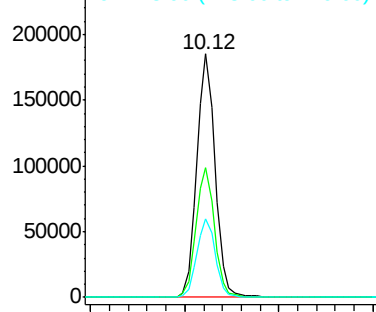
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX000339.D
Acq: 15 Mar 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-124029

Tot Ion:117 Resp: 249913
Ion Ratio Lower Upper
117 100
82 53.2 43.8 65.8
119 32.3 24.9 37.3

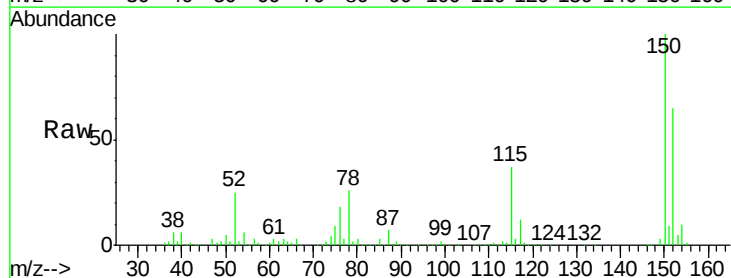


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

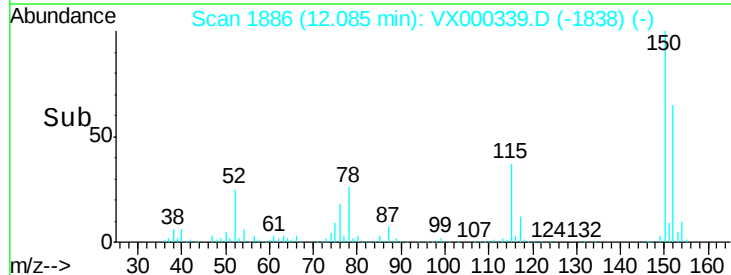
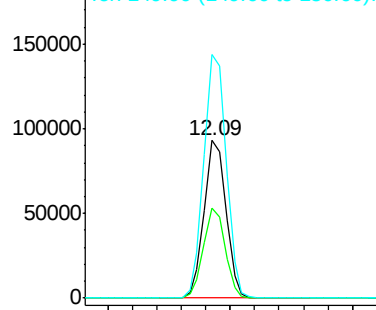


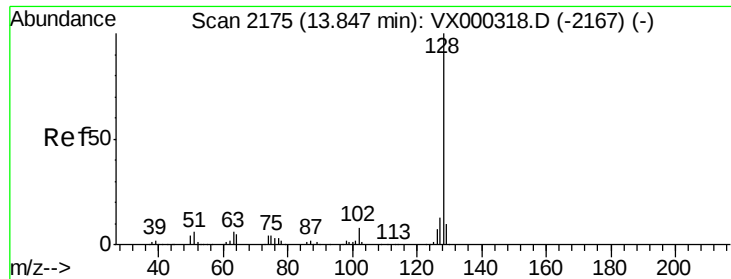
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. -0.01 min
Lab File: VX000339.D
Acq: 15 Mar 2018 19:44

Tgt Ion:152 Resp: 114694
Ion Ratio Lower Upper
152 100
115 57.1 39.8 119.3
150 158.5 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: 1.05 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.01 min
Lab File: VX000339.D
Acq: 15 Mar 2018 19:44

Instrument :
MSVOA_X
ClientSampleId :
OILY-SOIL-124029

Tot Ion:128 Resp: 9056
Ion Ratio Lower Upper
128 100
127 13.0 10.6 15.8
129 12.5 8.9 13.3

