

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX031518\
 Data File : VX000335.D
 Acq On : 15 Mar 2018 18:01
 Operator : JC/MD
 Sample : J1913-05 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-72-11939

Quant Time: Mar 16 04:15:56 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	164472	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	276547	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	257259	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	122325	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	111378	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
35) Dibromofluoromethane	5.52	113	85695	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
50) Toluene-d8	8.73	98	349585	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.15	95	113362	38.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.68%	

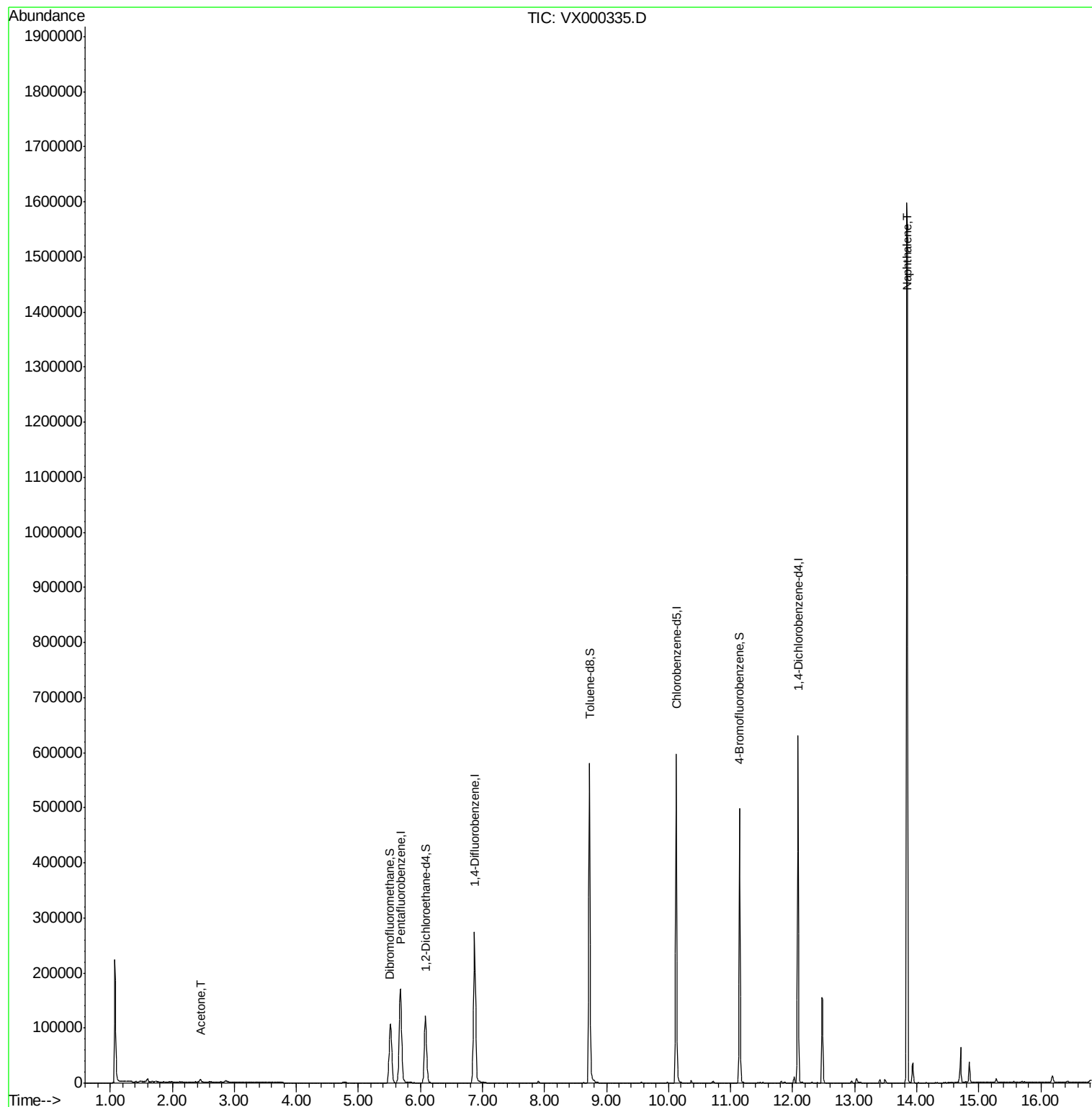
Target Compounds						Qvalue
16) Acetone	2.45	43	5750	3.78	ug/l	94
95) Naphthalene	13.85	128	956657	104.12	ug/l	100

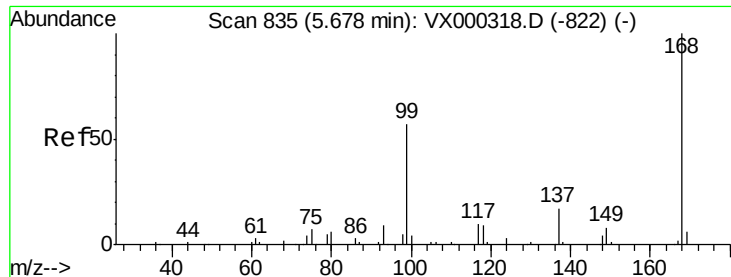
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX000335.D

Acq: 15 Mar 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

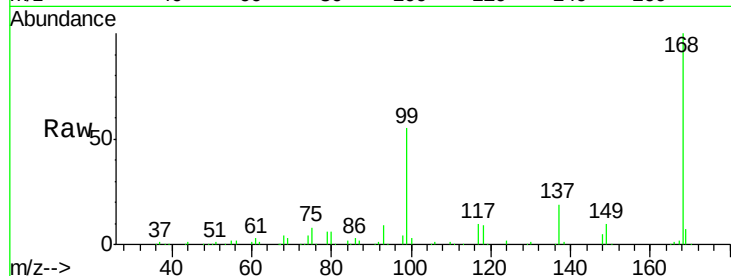
OILY-SOIL-72-11939

Tot Ion:168 Resp: 164472

Ion Ratio Lower Upper

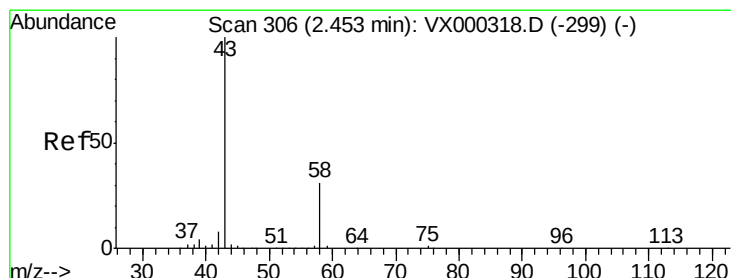
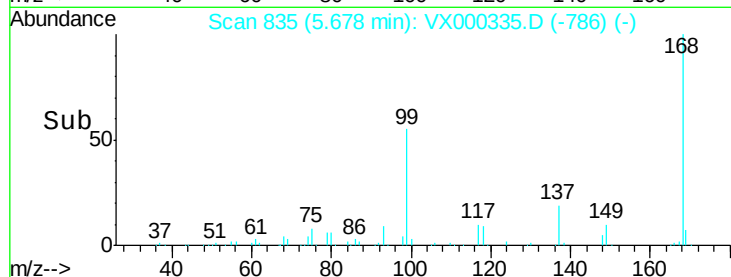
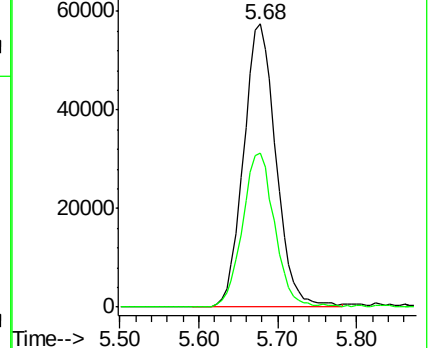
168 100

99 54.6 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: 3.78 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000335.D

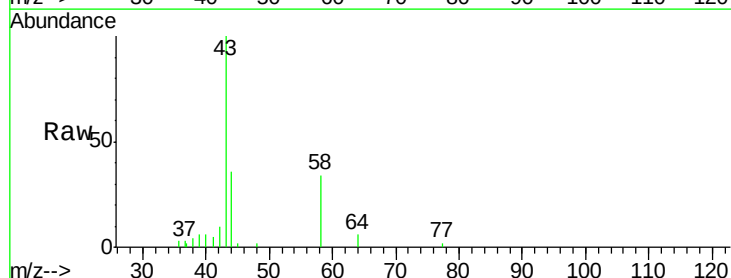
Acq: 15 Mar 2018 18:01

Tgt Ion: 43 Resp: 5750

Ion Ratio Lower Upper

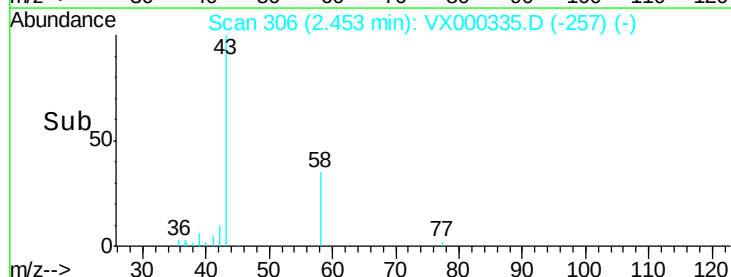
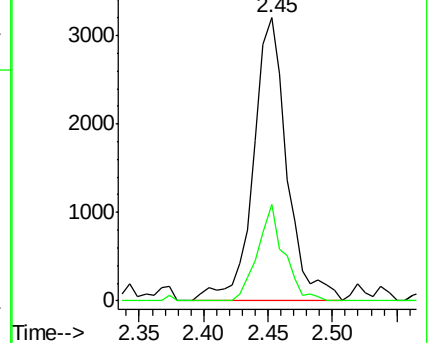
43 100

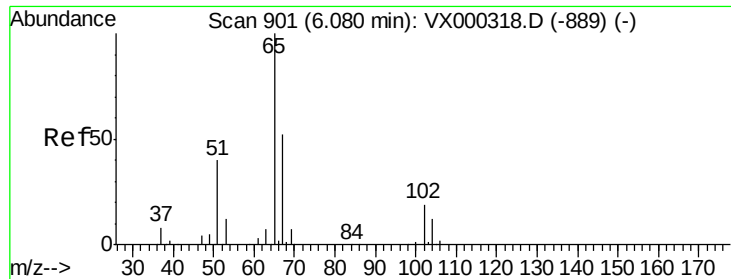
58 34.2 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

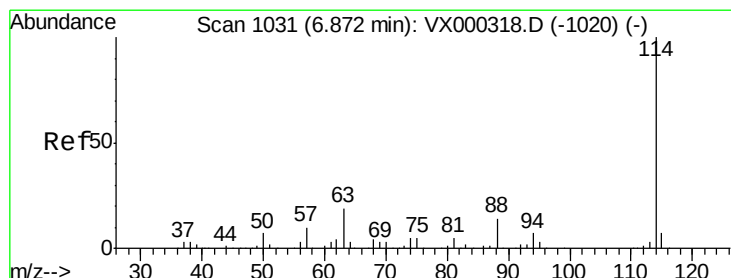
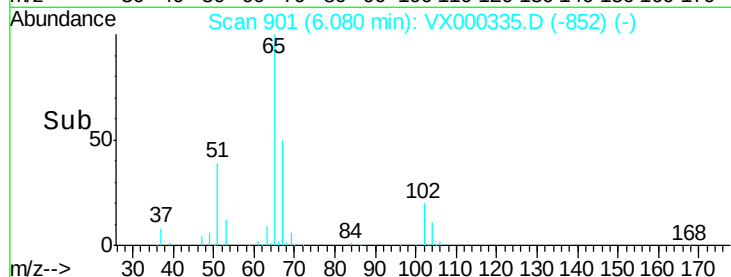
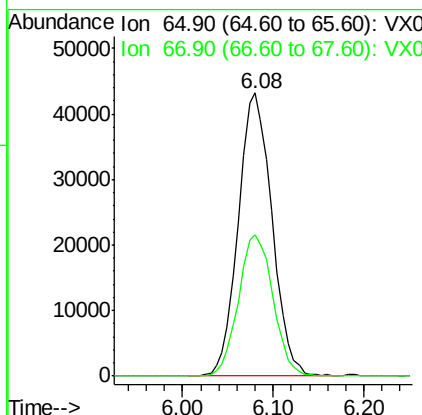
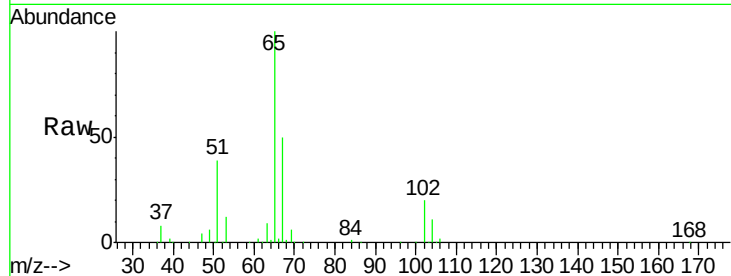




#33
 1,2-Dichloroethane-d4
 Concen: 48.95 ug/l
 RT: 6.08 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: VX000335.D
 Acq: 15 Mar 2018 18:01

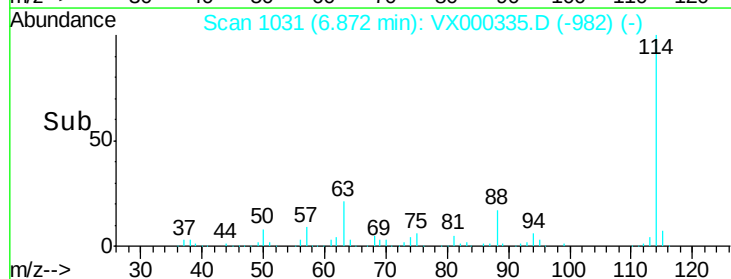
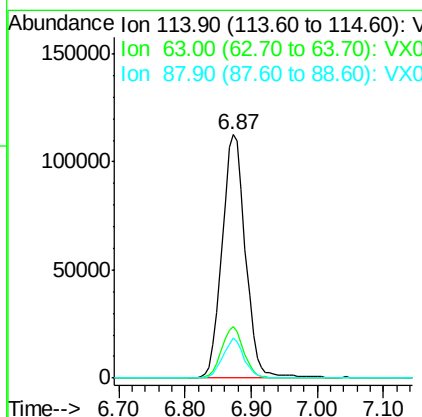
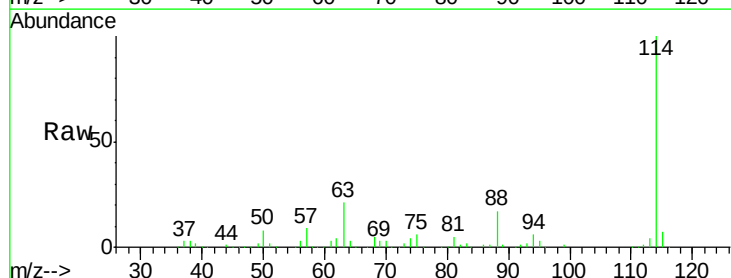
Instrument :
 MSVOA_X
 ClientSampleId :
 OILY-SOIL-72-11939

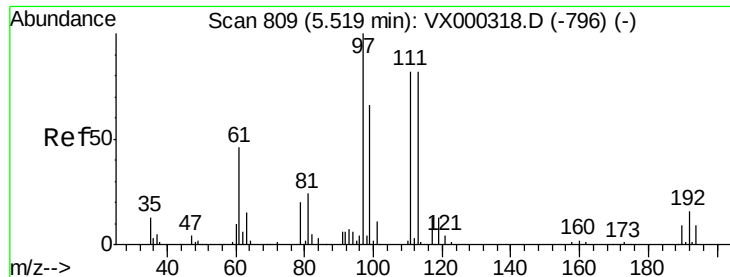
Tot Ion: 65 Resp: 111378
 Ion Ratio Lower Upper
 65 100
 67 51.0 0.0 103.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000335.D
 Acq: 15 Mar 2018 18:01

Tgt Ion: 114 Resp: 276547
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 38.4
 88 16.6 0.0 27.0





#35

Dibromofluoromethane

Concen: 49.11 ug/l

RT: 5.52 min Scan# 809

Delta R.T. -0.00 min

Lab File: VX000335.D

Acq: 15 Mar 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-72-11939

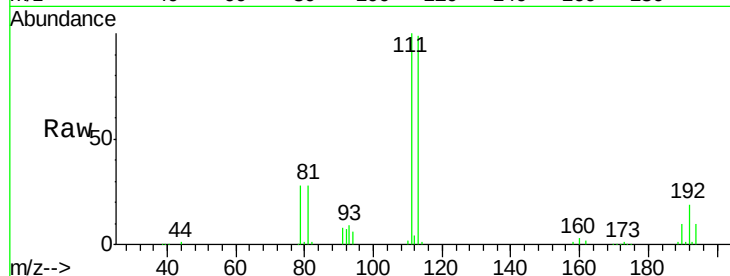
Tot Ion:113 Resp: 85695

Ion Ratio Lower Upper

113 100

111 103.2 82.4 123.6

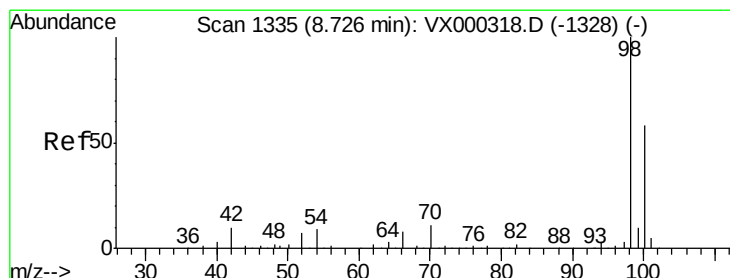
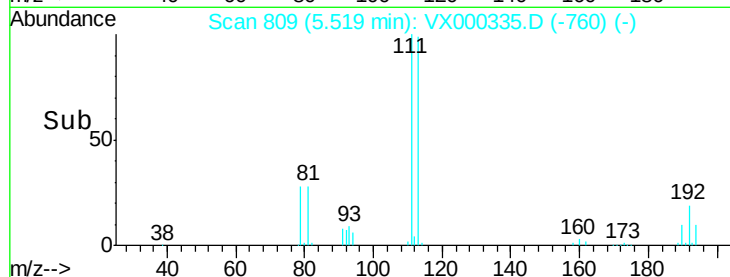
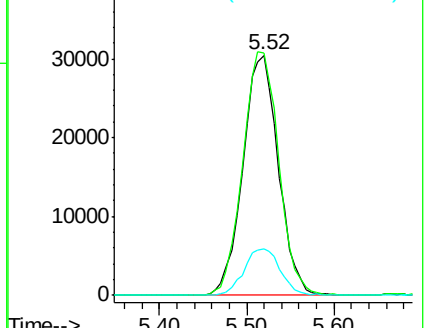
192 20.0 15.8 23.6



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: 48.03 ug/l

RT: 8.73 min Scan# 1335

Delta R.T. -0.00 min

Lab File: VX000335.D

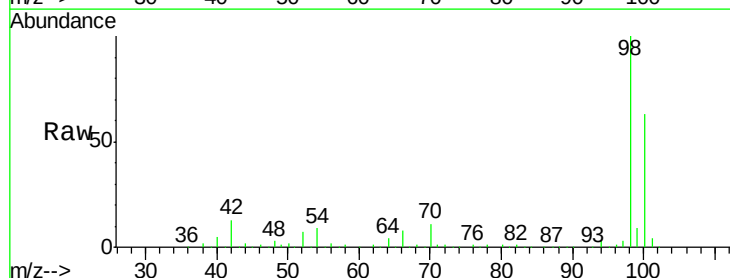
Acq: 15 Mar 2018 18:01

Tgt Ion: 98 Resp: 349585

Ion Ratio Lower Upper

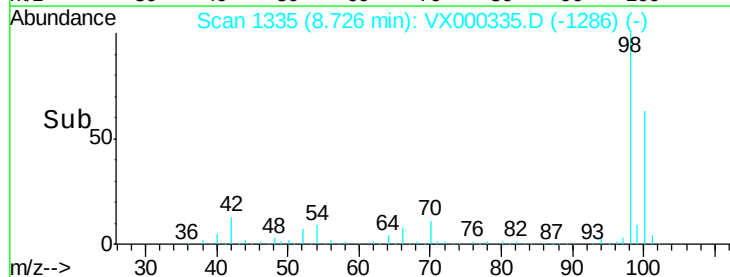
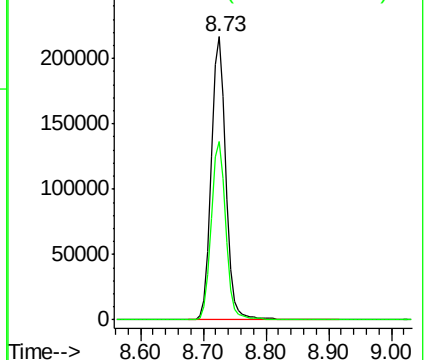
98 100

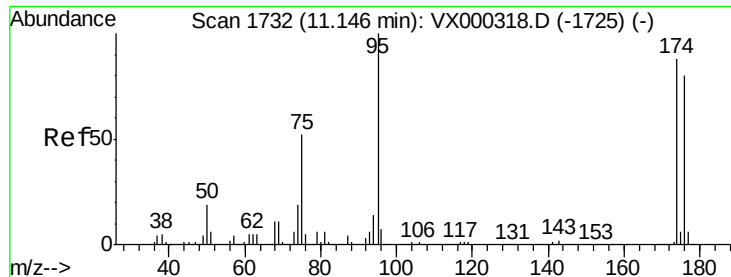
100 62.9 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 38.84 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VX000335.D

Acq: 15 Mar 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-72-11939

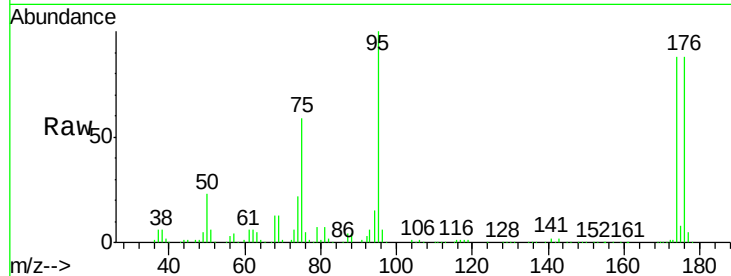
Tot Ion: 95 Resp: 113362

Ion Ratio Lower Upper

95 100

174 87.6 0.0 173.6

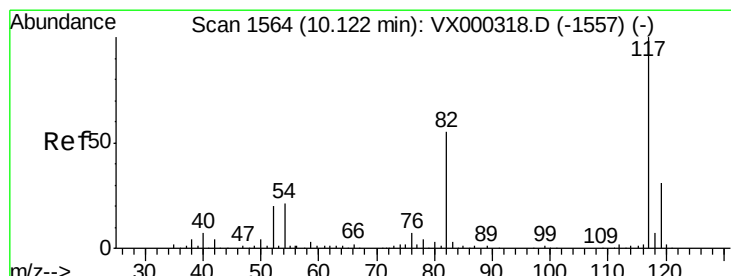
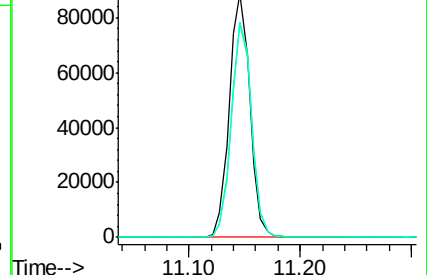
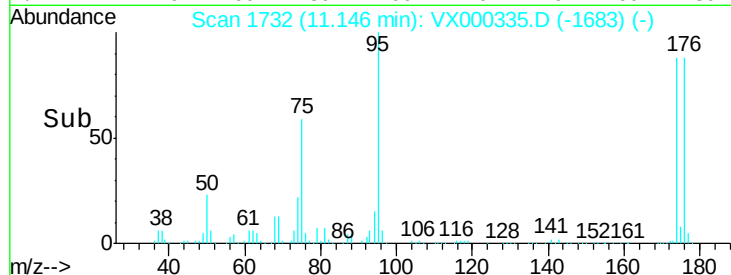
176 86.7 0.0 164.6



Abundance Ion 94.90 (94.60 to 95.60): VX000335.D (-1683) (-)

Ion 173.80 (173.50 to 174.50): VX000335.D (-1683) (-)

Ion 175.80 (175.50 to 176.50): VX000335.D (-1683) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. -0.00 min

Lab File: VX000335.D

Acq: 15 Mar 2018 18:01

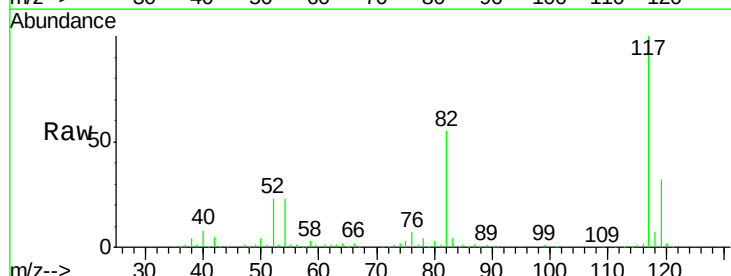
Tgt Ion: 117 Resp: 257259

Ion Ratio Lower Upper

117 100

82 54.7 43.8 65.8

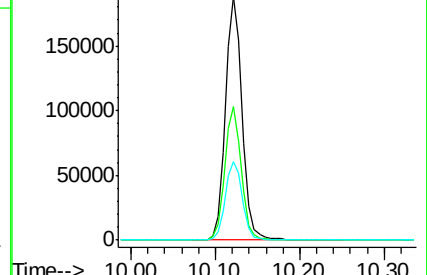
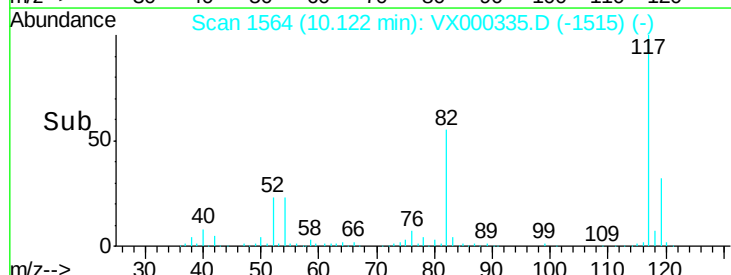
119 32.5 24.9 37.3

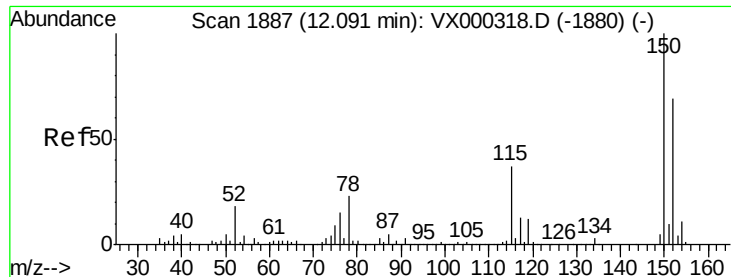


Abundance Ion 116.90 (116.60 to 117.60): VX000335.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX000335.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX000335.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.01 min

Lab File: VX000335.D

Acq: 15 Mar 2018 18:01

Instrument :

MSVOA_X

ClientSampleId :

OILY-SOIL-72-11939

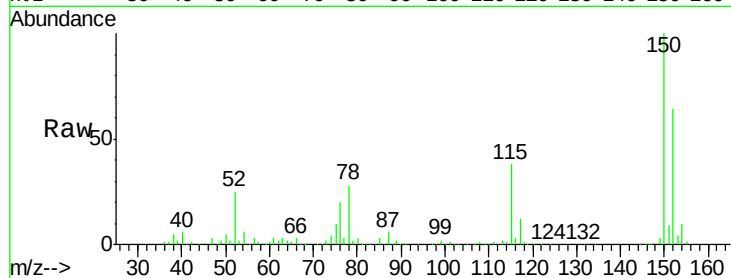
Tot Ion:152 Resp: 122325

Ion Ratio Lower Upper

152 100

115 57.1 39.8 119.3

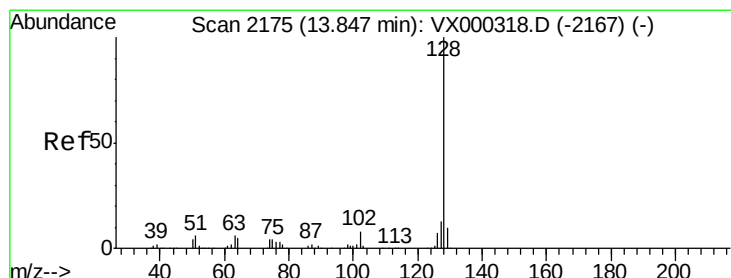
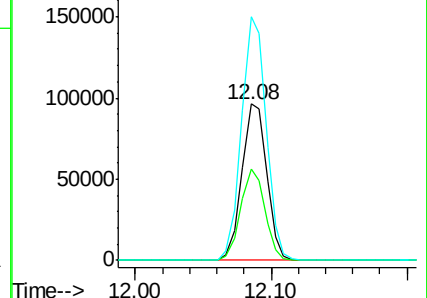
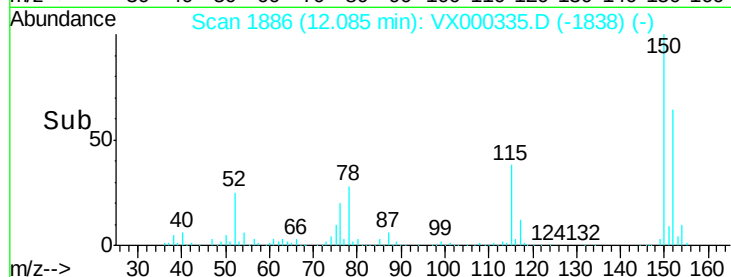
150 154.5 0.0 344.4



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: 104.12 ug/l

RT: 13.85 min Scan# 2175

Delta R.T. -0.00 min

Lab File: VX000335.D

Acq: 15 Mar 2018 18:01

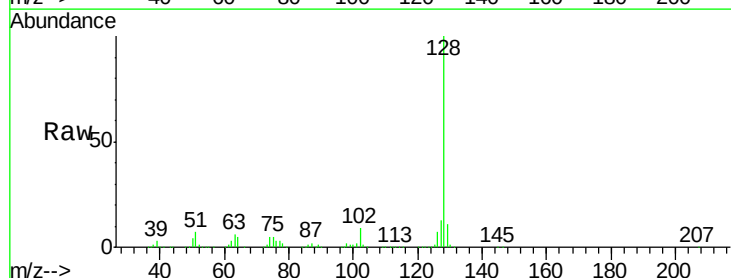
Tgt Ion:128 Resp: 956657

Ion Ratio Lower Upper

128 100

127 13.2 10.6 15.8

129 10.8 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

