

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050818\
 Data File : VX001546.D
 Acq On : 09 May 2018 06:28
 Operator : JC/MD
 Sample : J2783-06 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BS-OILY-STONE-RO-208

Quant Time: May 09 08:14:48 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

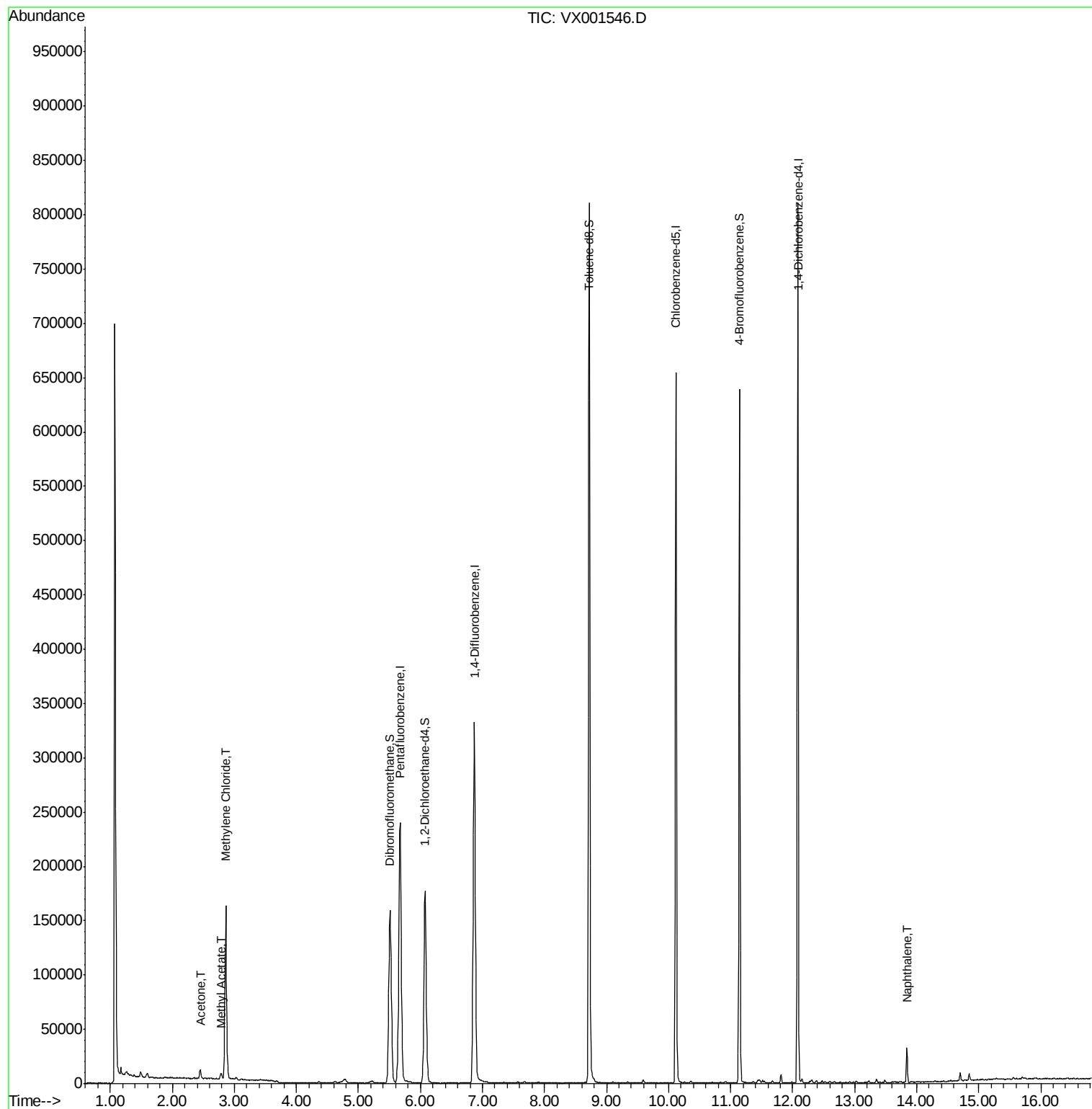
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	249859	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	342322	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308219	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	176709	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	170174	47.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.78%	
35) Dibromofluoromethane	5.51	113	131289	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
50) Toluene-d8	8.72	98	474119	42.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.32%	
62) 4-Bromofluorobenzene	11.14	95	158169	37.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.14%	
Target Compounds						
16) Acetone	2.45	43	9239	5.67	ug/l	98
18) Methyl Acetate	2.78	43	7100	1.66	ug/l	100
20) Methylene Chloride	2.86	84	74267	23.00	ug/l	98
95) Naphthalene	13.84	128	19486	1.49	ug/l	100

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

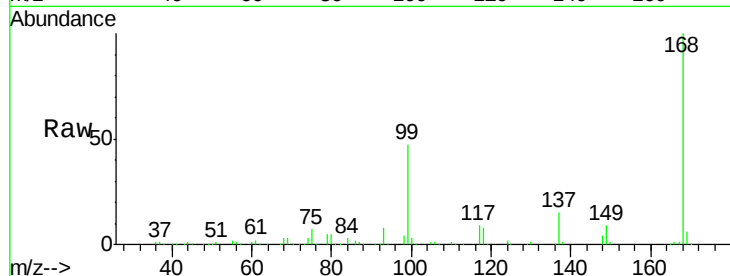
BS-OILY-STONE-RO-208

Tot Ion:168 Resp: 249859

Ion Ratio Lower Upper

168 100

99 46.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

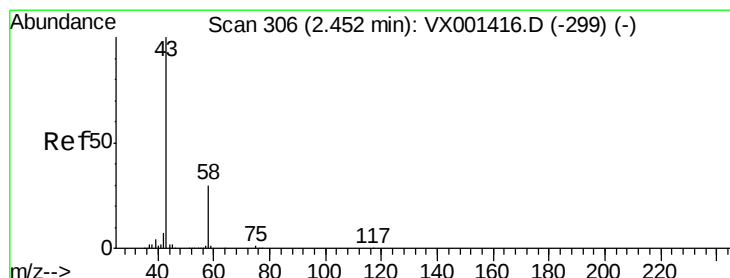
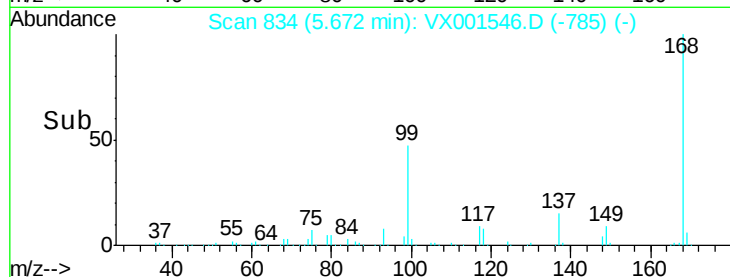
40000

20000

0

5.60 5.70 5.80

Time-->



#16

Acetone

Concen: 5.67 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001546.D

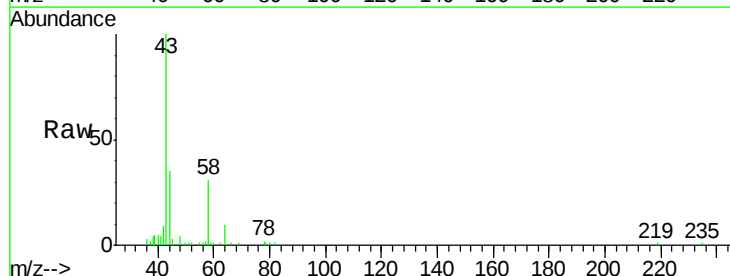
Acq: 09 May 2018 06:28

Tgt Ion: 43 Resp: 9239

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

6000

5000

4000

3000

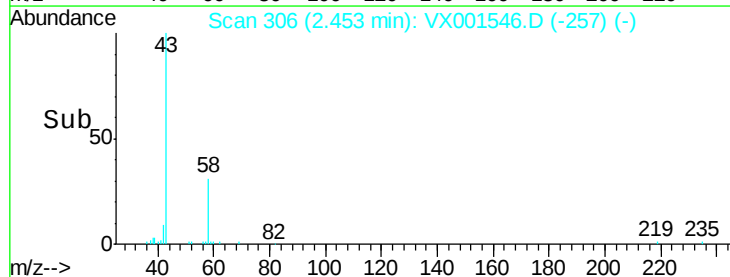
2000

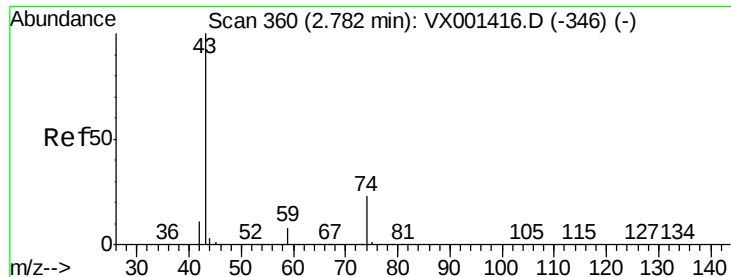
1000

0

2.35 2.40 2.45 2.50 2.55

Time-->

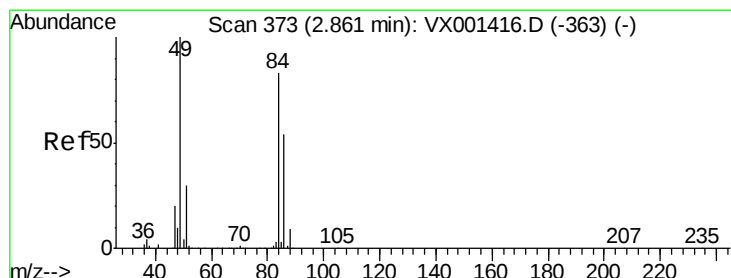
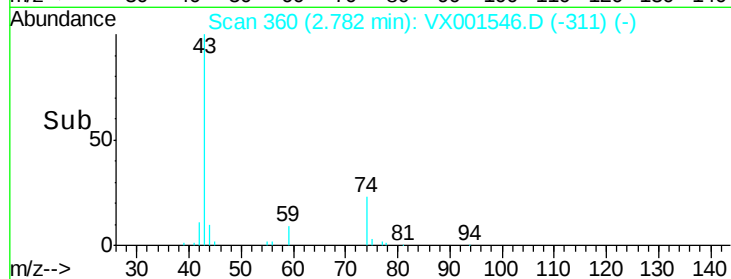
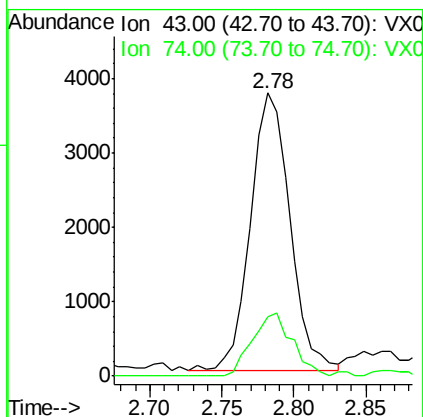
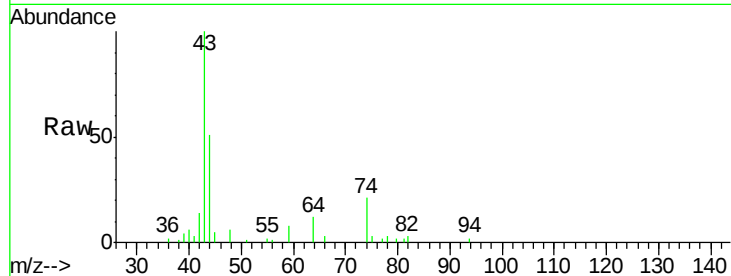




#18
Methyl Acetate
Concen: 1.66 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001546.D
Acq: 09 May 2018 06:28

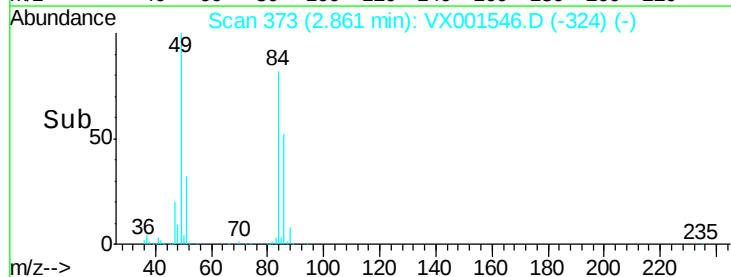
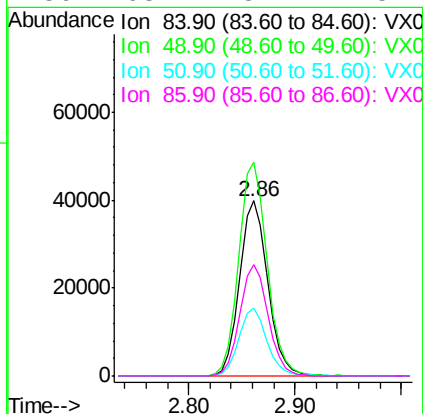
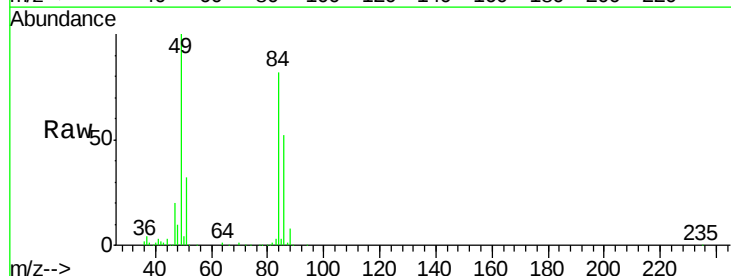
Instrument :
MSVOA_X
ClientSampleId :
BS-OILY-STONE-RO-208

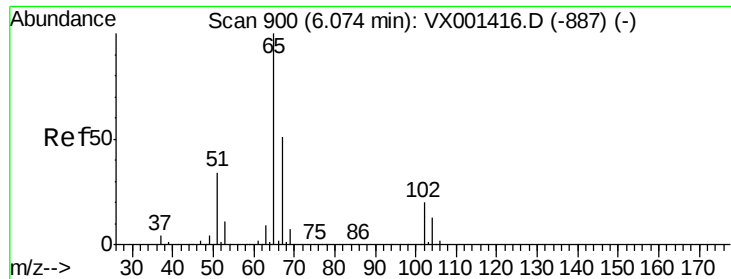
Tot Ion: 43 Resp: 7100
Ion Ratio Lower Upper
43 100
74 23.0 18.6 27.8



#20
Methylene Chloride
Concen: 23.00 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001546.D
Acq: 09 May 2018 06:28

Tgt Ion: 84 Resp: 74267
Ion Ratio Lower Upper
84 100
49 122.0 96.6 144.8
51 39.0 29.0 43.4
86 63.7 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 47.39 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

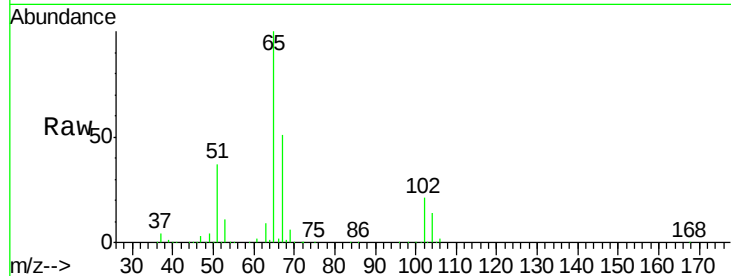
BS-OILY-STONE-RO-208

Tot Ion: 65 Resp: 170174

Ion Ratio Lower Upper

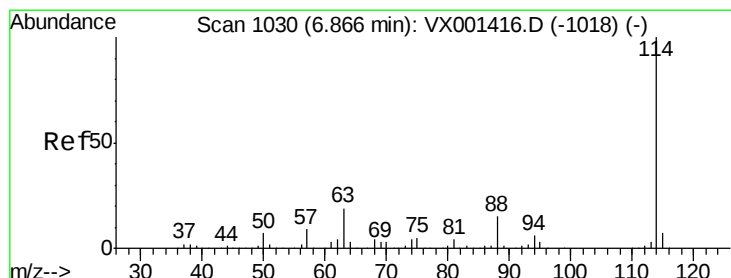
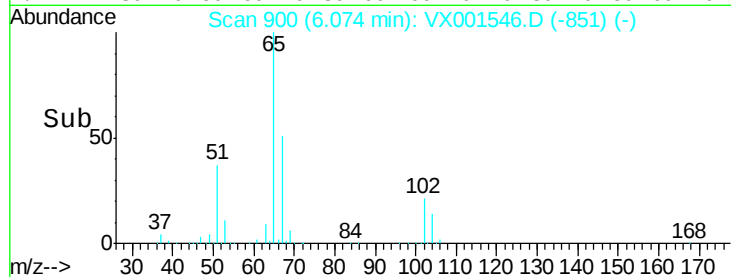
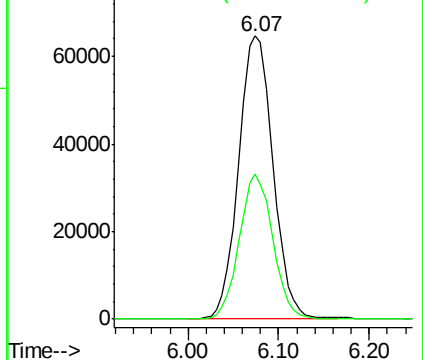
65 100

67 50.1 0.0 101.8



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# 1030

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

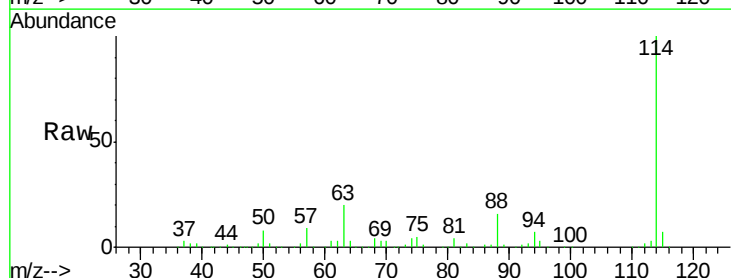
Tgt Ion: 114 Resp: 342322

Ion Ratio Lower Upper

114 100

63 19.9 0.0 38.6

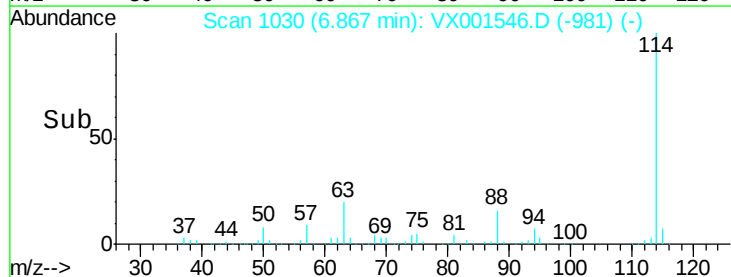
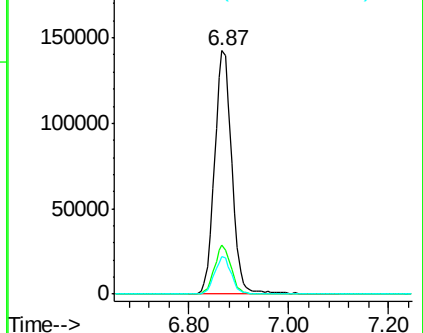
88 15.5 0.0 30.8

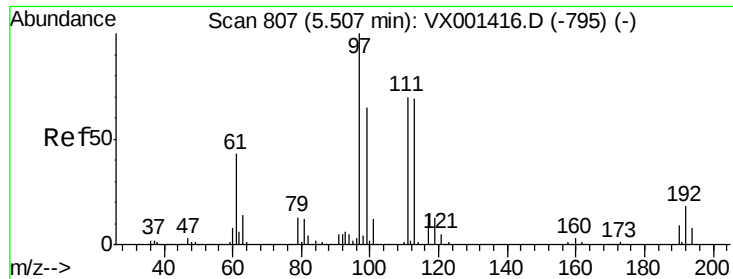


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

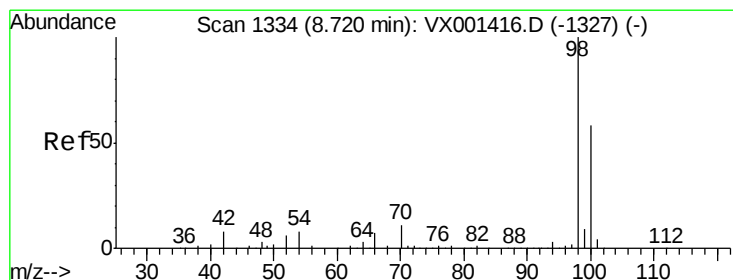
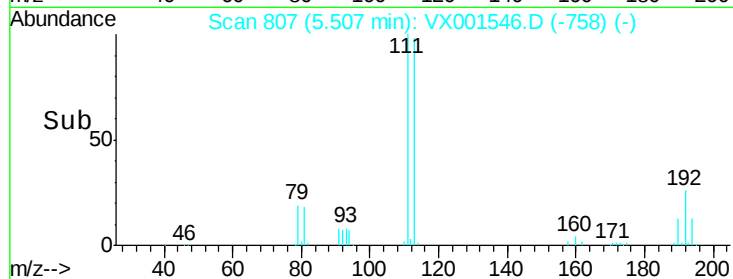
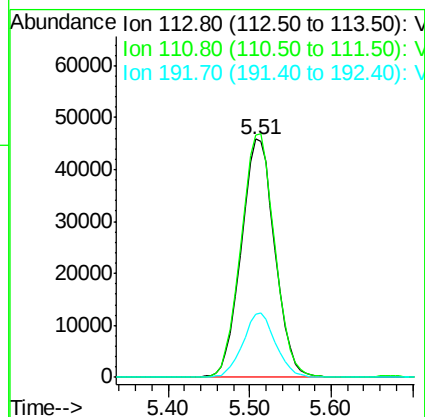
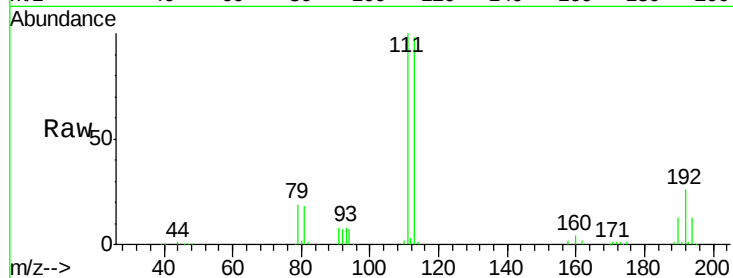




#35
 Dibromofluoromethane
 Concen: 43.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001546.D
 Acq: 09 May 2018 06:28

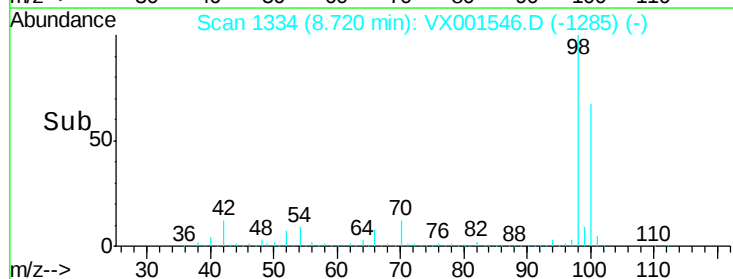
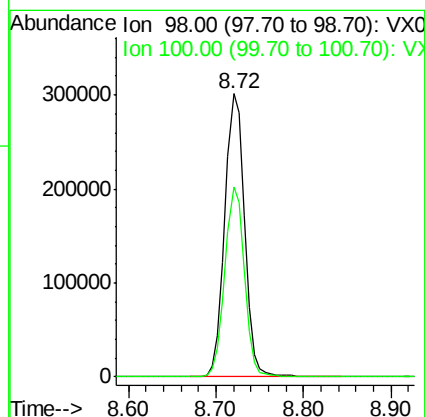
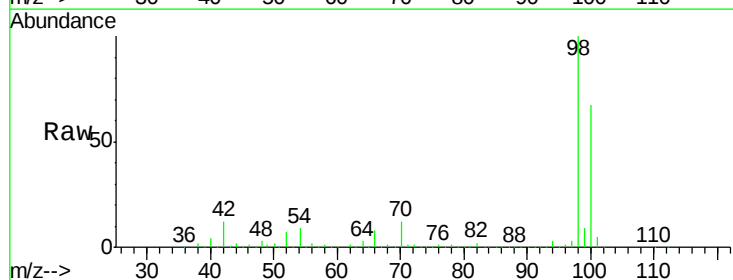
Instrument :
 MSVOA_X
 ClientSampleId :
 BS-OILY-STONE-RO-208

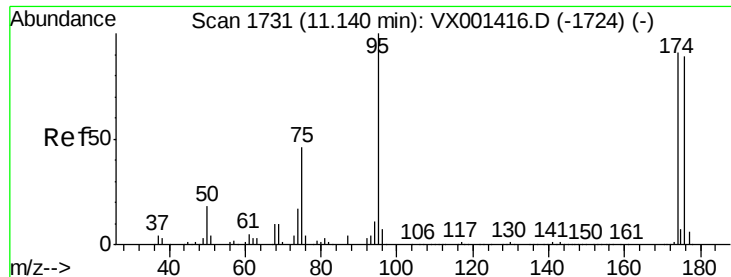
Tot Ion:113 Resp: 131289
 Ion Ratio Lower Upper
 113 100
 111 102.5 82.2 123.2
 192 26.2 21.4 32.0



#50
 Toluene-d8
 Concen: 42.66 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001546.D
 Acq: 09 May 2018 06:28

Tgt Ion: 98 Resp: 474119
 Ion Ratio Lower Upper
 98 100
 100 66.3 54.0 81.0





#62

4-Bromofluorobenzene

Concen: 37.07 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

BS-OILY-STONE-RO-208

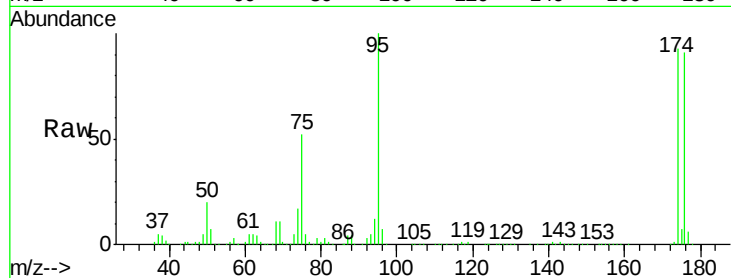
Tot Ion: 95 Resp: 158169

Ion Ratio Lower Upper

95 100

174 101.4 0.0 202.0

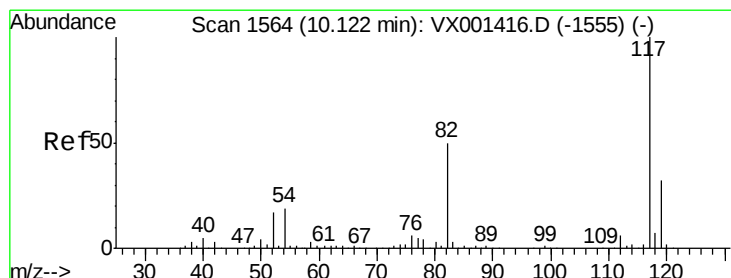
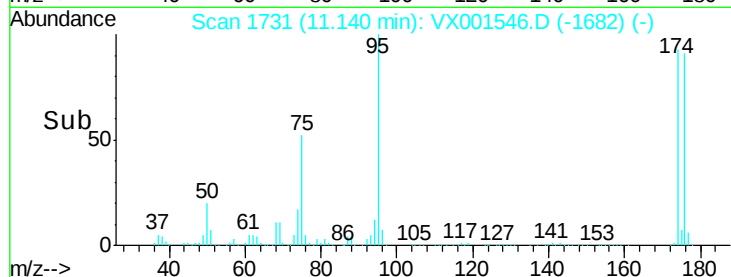
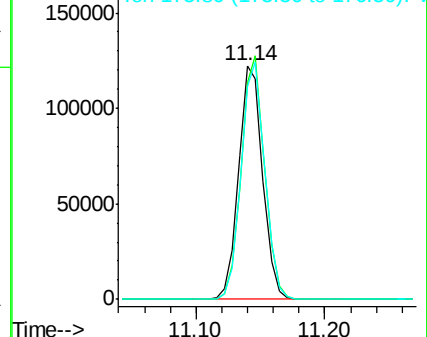
176 99.6 0.0 197.4



Abundance Ion 94.90 (94.60 to 95.60): VX001546.D (-1682) (-)

Ion 173.80 (173.50 to 174.50): VX001546.D (-1682) (-)

Ion 175.80 (175.50 to 176.50): VX001546.D (-1682) (-)



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1564

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

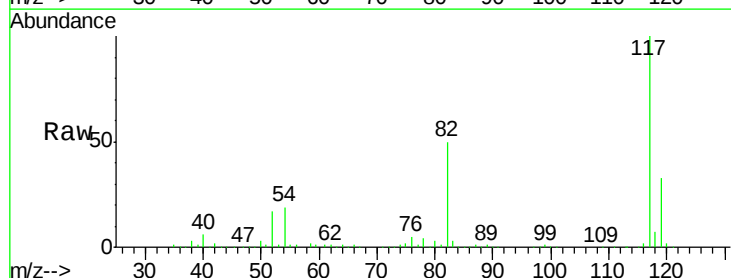
Tgt Ion: 117 Resp: 308219

Ion Ratio Lower Upper

117 100

82 50.4 40.0 60.0

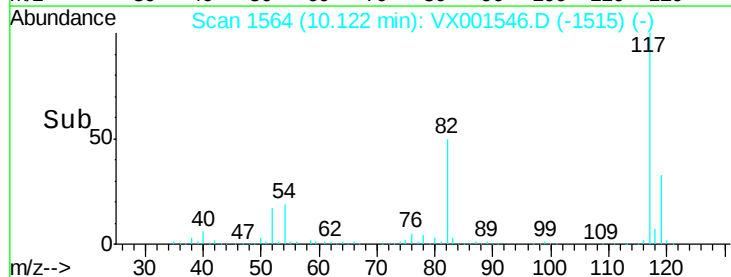
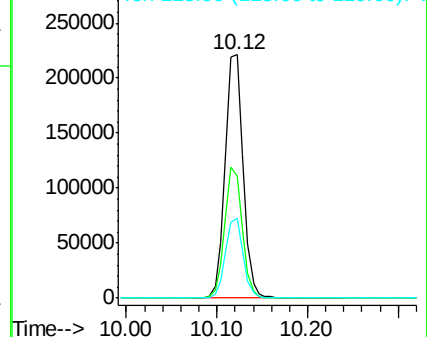
119 32.7 25.8 38.8

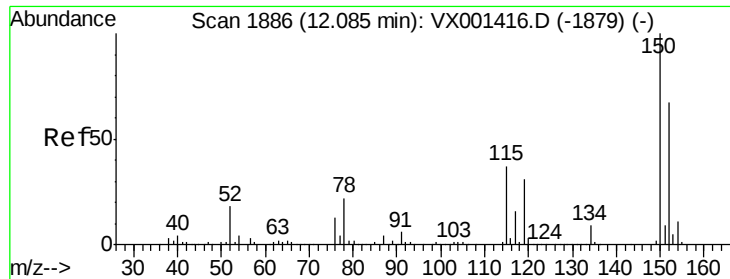


Abundance Ion 116.90 (116.60 to 117.60): VX001546.D (-1515) (-)

Ion 82.00 (81.70 to 82.70): VX001546.D (-1515) (-)

Ion 118.90 (118.60 to 119.60): VX001546.D (-1515) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

Instrument :

MSVOA_X

ClientSampleId :

BS-OILY-STONE-RO-208

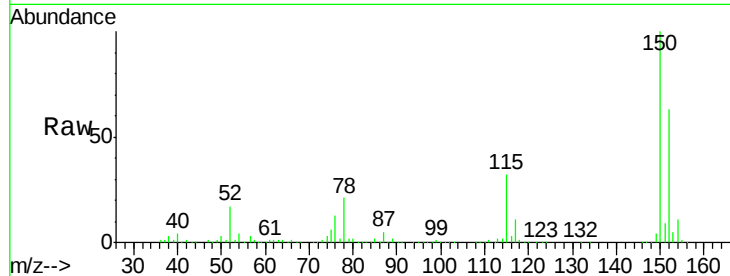
Tot Ion:152 Resp: 176709

Ion Ratio Lower Upper

152 100

115 52.2 37.7 113.1

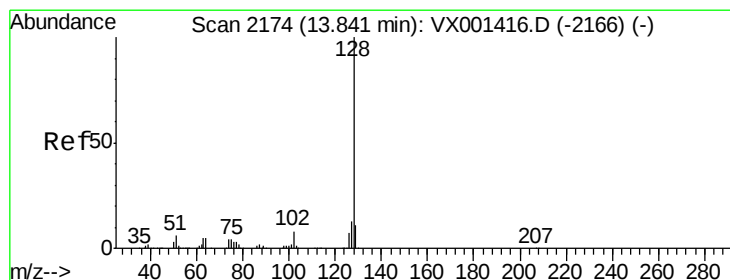
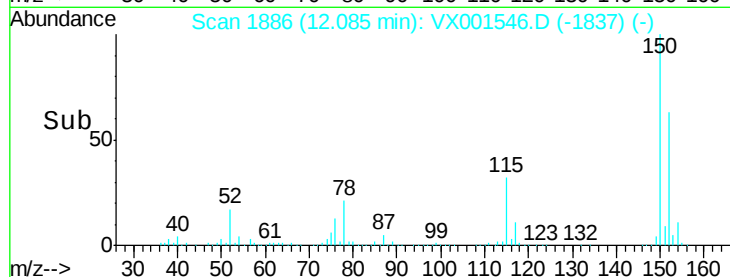
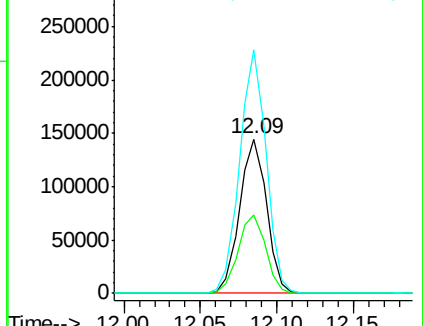
150 155.1 0.0 349.4



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: 1.49 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001546.D

Acq: 09 May 2018 06:28

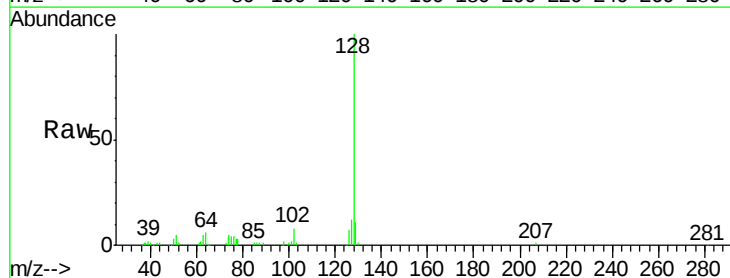
Tgt Ion:128 Resp: 19486

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 11.0 8.7 13.1



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

