

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052718\
 Data File : VX002081.D
 Acq On : 27 May 2018 20:51
 Operator : JC/MD
 Sample : J3128-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TJ-OILY-GRAVEL

Quant Time: May 29 08:49:12 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

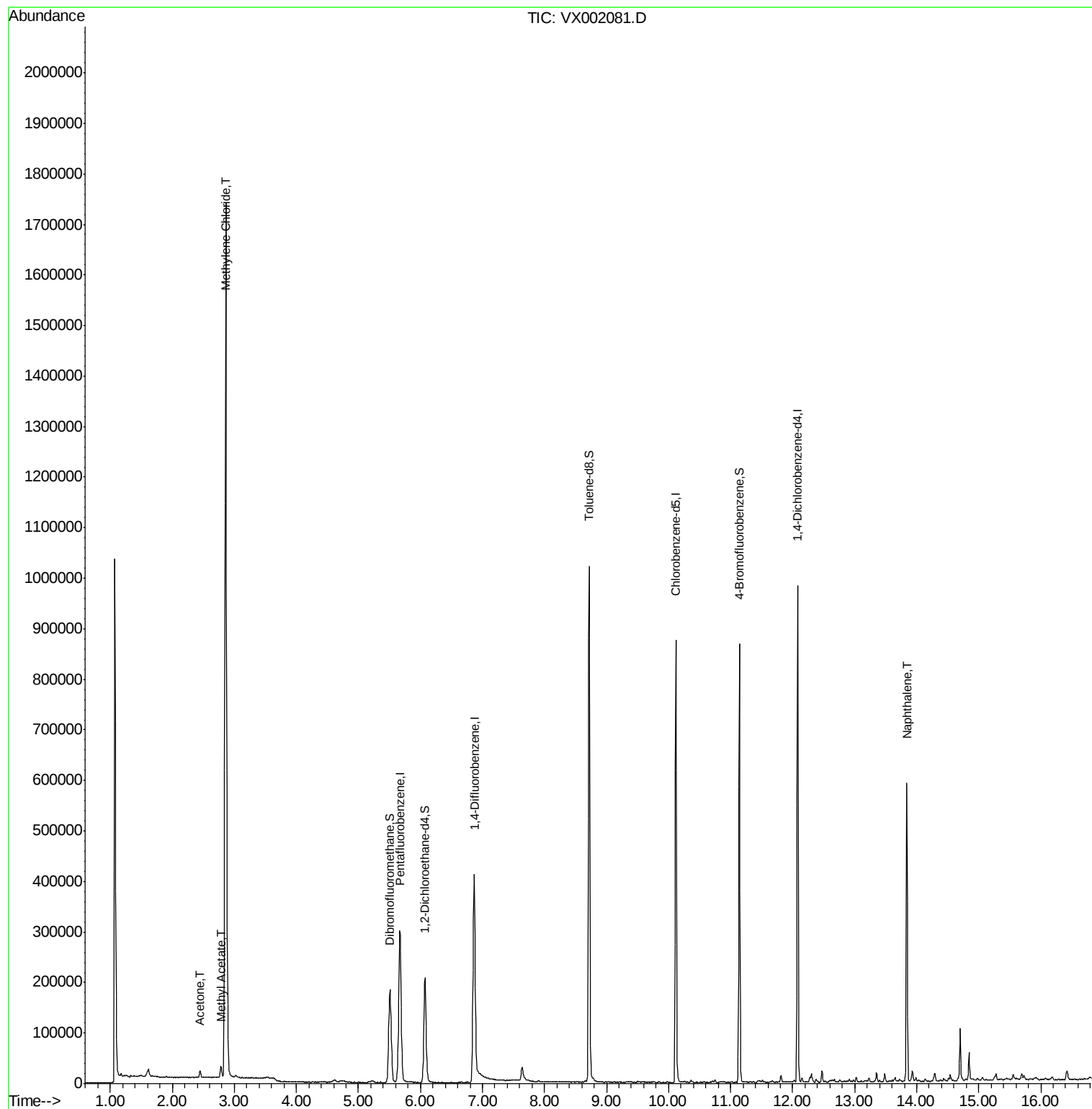
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	302227	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414716	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	205581	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	196216	36.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.64%	
35) Dibromofluoromethane	5.51	113	150240	36.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	72.46%	
50) Toluene-d8	8.72	98	593215	39.51	ug/l	0.00
Spiked Amount 50.000			Recovery	=	79.02%	
62) 4-Bromofluorobenzene	11.14	95	208837	35.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	71.10%	
Target Compounds						
16) Acetone	2.45	43	15161	7.27	ug/l	97
18) Methyl Acetate	2.78	43	25635	4.06	ug/l	95
20) Methylene Chloride	2.86	84	783154	222.70	ug/l	98
95) Naphthalene	13.84	128	371529	20.01	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# 833

Delta R.T. -0.01 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

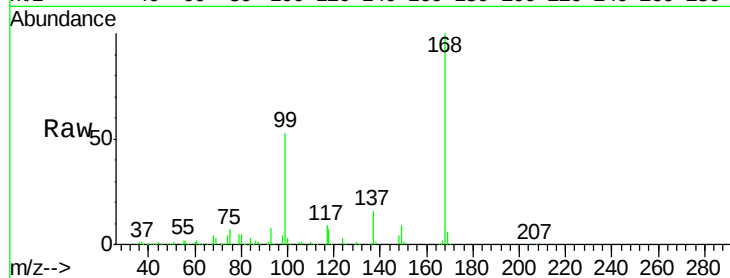
TJ-OILY-GRAVEL

Tot Ion:168 Resp: 302227

Ion Ratio Lower Upper

168 100

99 52.9 41.0 61.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

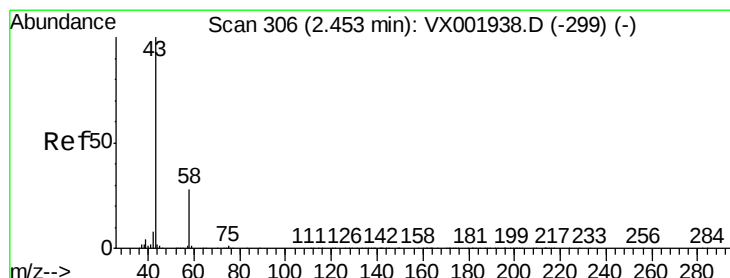
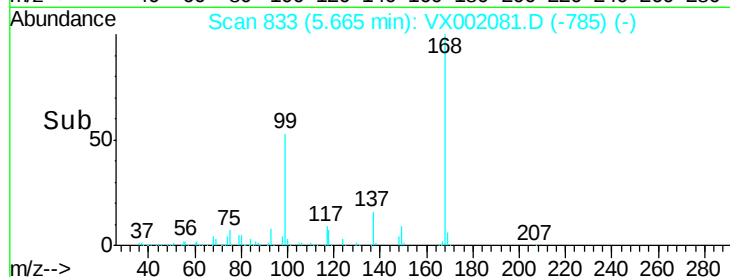
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.27 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002081.D

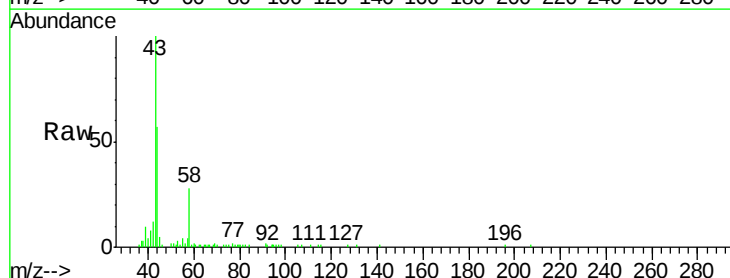
Acq: 27 May 2018 20:51

Tgt Ion: 43 Resp: 15161

Ion Ratio Lower Upper

43 100

58 29.2 22.3 33.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

10000

8000

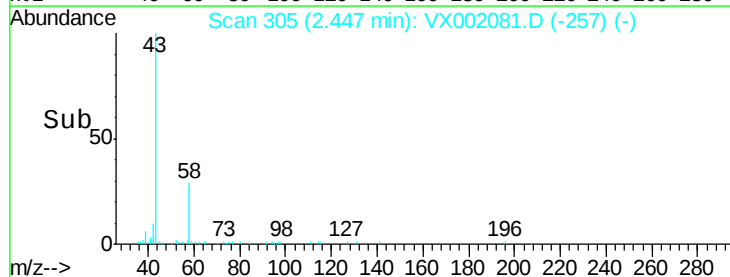
6000

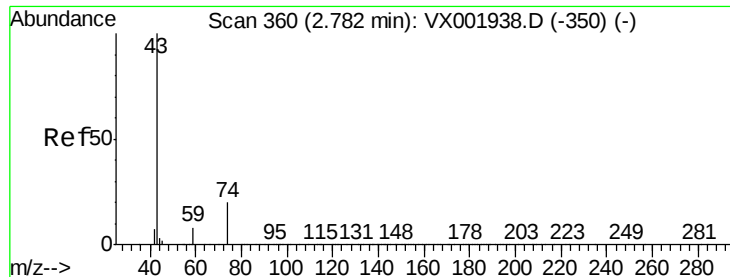
4000

2000

0

Time--> 2.40 2.45 2.50 2.55





#18

Methvl Acetate

Concen: 4.06 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

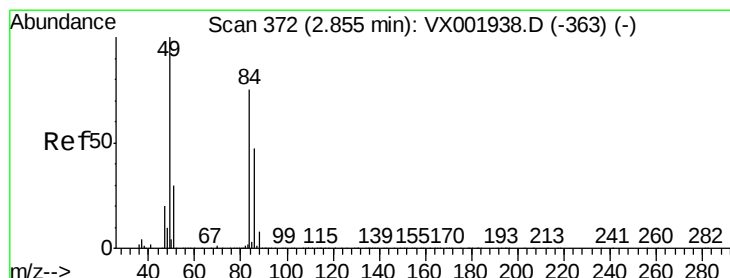
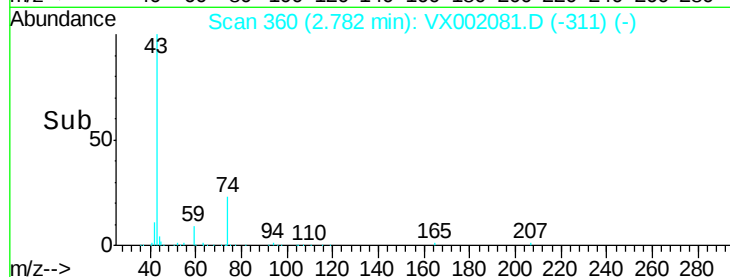
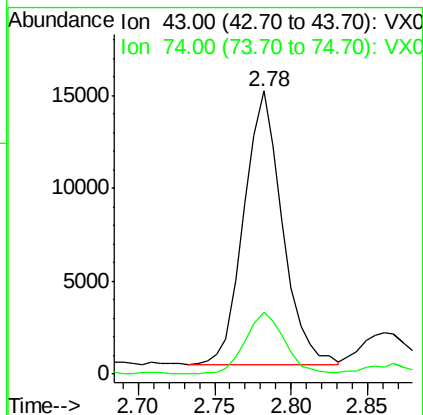
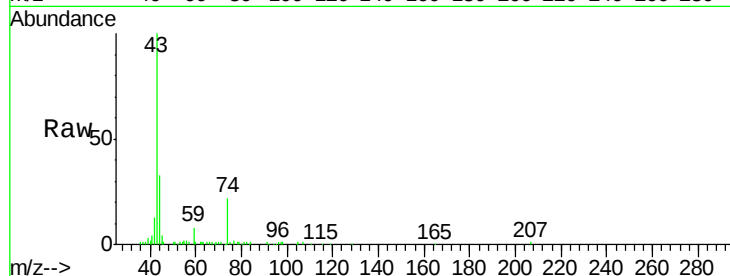
Instrument :
MSVOA_X
ClientSampleId :
TJ-OILY-GRAVEL

Tot Ion: 43 Resp: 25635

Ion Ratio Lower Upper

43 100

74 23.2 16.8 25.2



#20

Methylene Chloride

Concen: 222.70 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

Tgt Ion: 84 Resp: 783154

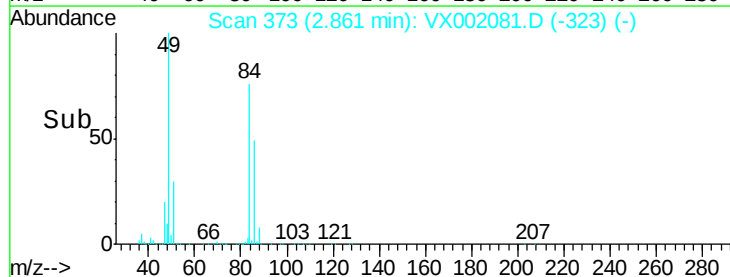
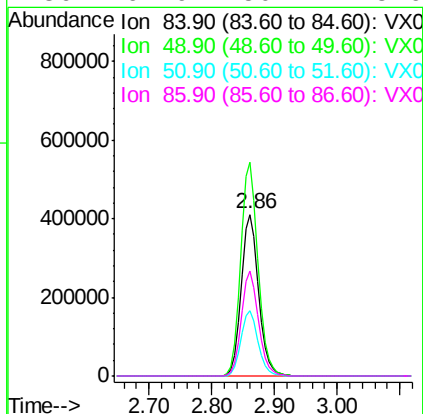
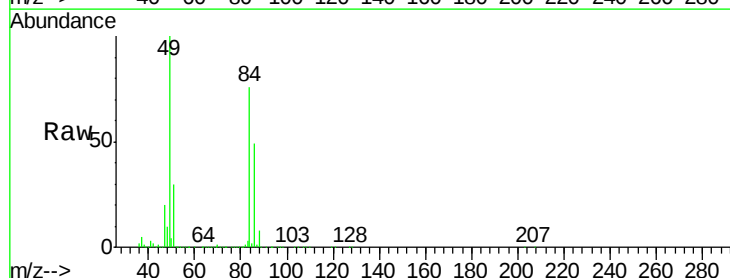
Ion Ratio Lower Upper

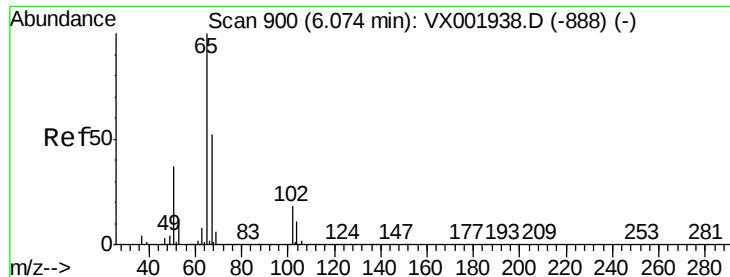
84 100

49 132.3 107.2 160.8

51 40.2 32.4 48.6

86 64.9 50.4 75.6





#33

1,2-Dichloroethane-d4

Concen: 36.32 ug/l

RT: 6.07 min Scan# 900

Delta R.T. -0.00 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

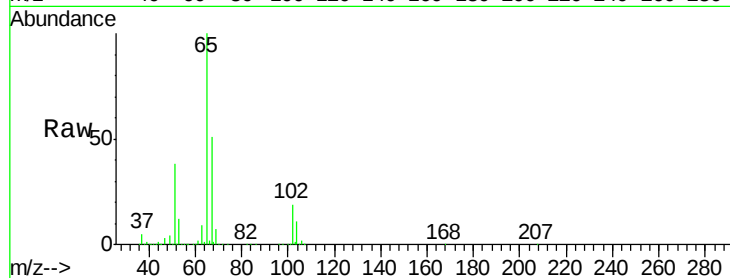
TJ-OILY-GRAVEL

Tot Ion: 65 Resp: 196216

Ion Ratio Lower Upper

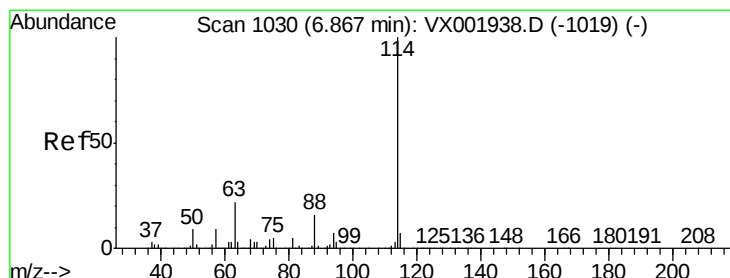
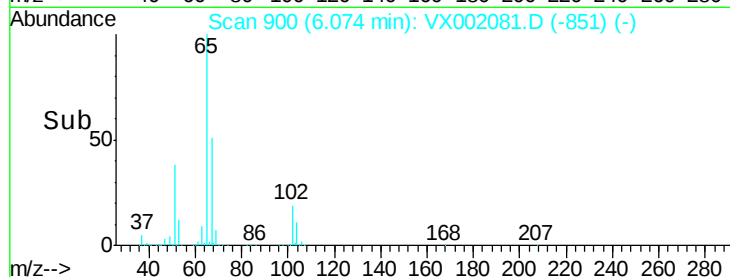
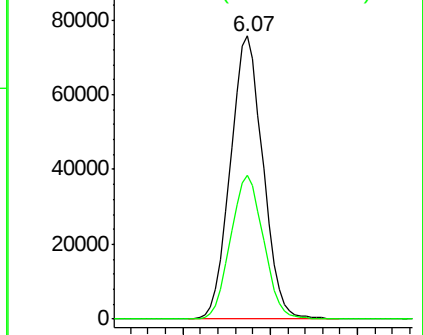
65 100

67 51.3 0.0 104.0



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: VX002081.D

Acq: 27 May 2018 20:51

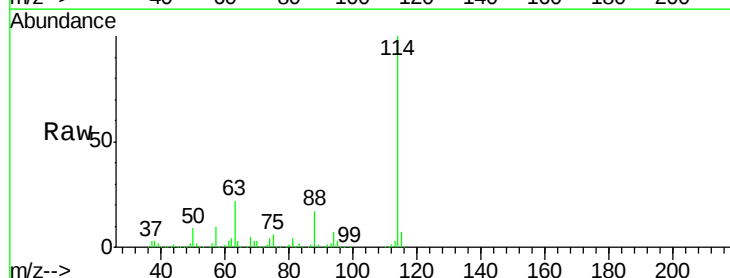
Tgt Ion: 114 Resp: 414716

Ion Ratio Lower Upper

114 100

63 22.3 0.0 43.2

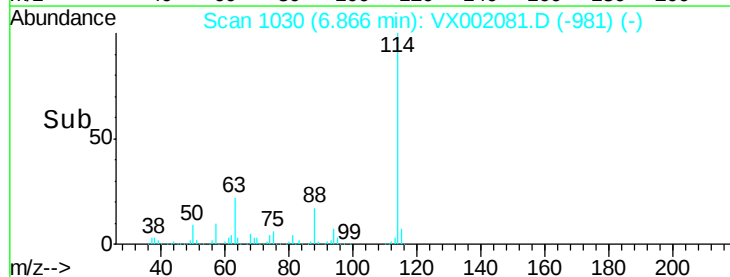
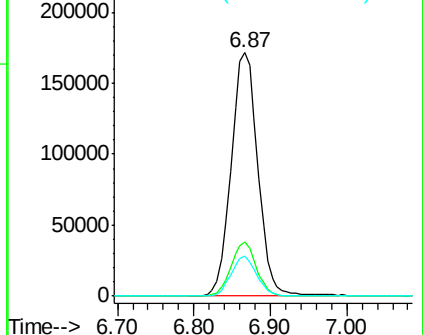
88 16.5 0.0 31.6

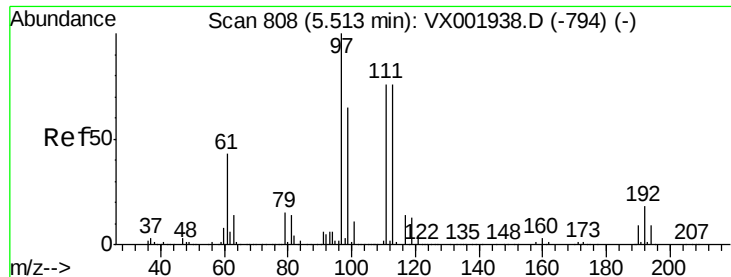


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

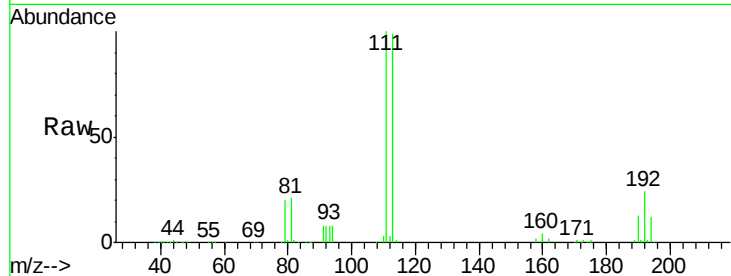




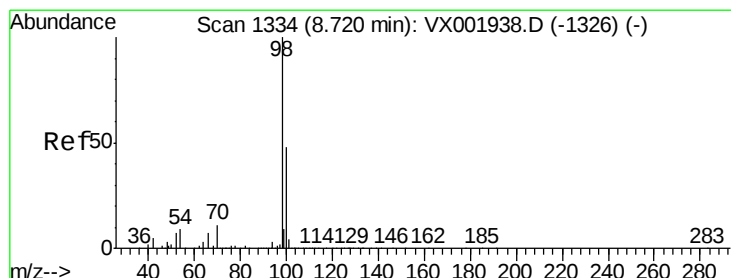
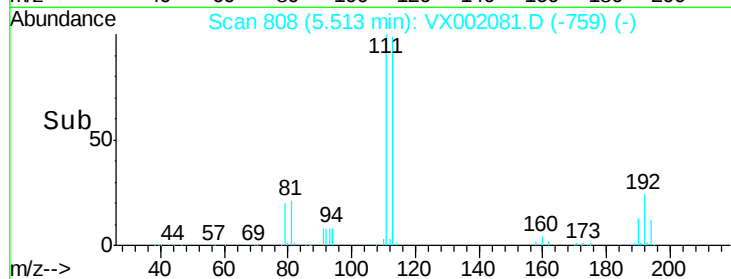
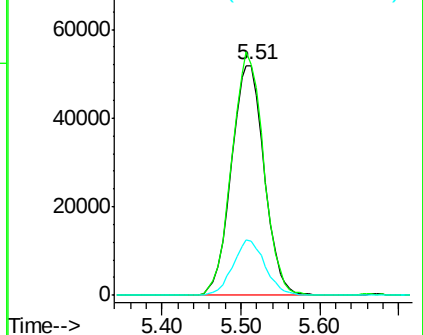
#35
 Dibromofluoromethane
 Concen: 36.23 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: VX002081.D
 Acq: 27 May 2018 20:51

Instrument :
 MSVOA_X
 ClientSampleId :
 TJ-OILY-GRAVEL

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	23.6	18.9	28.3

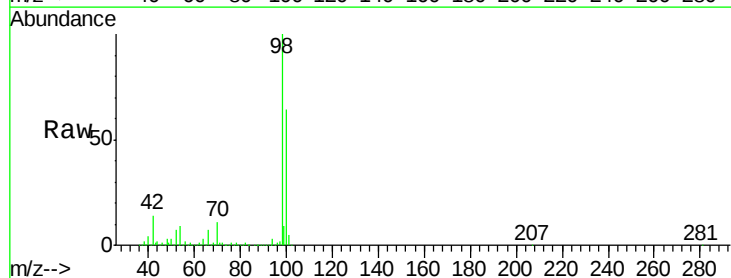


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

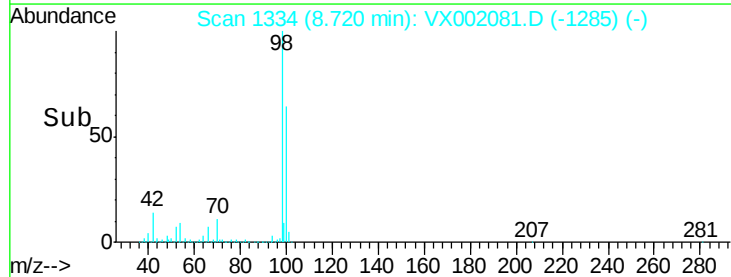
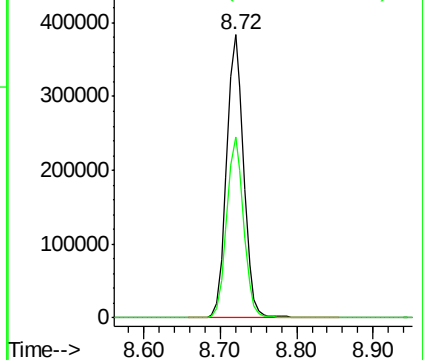


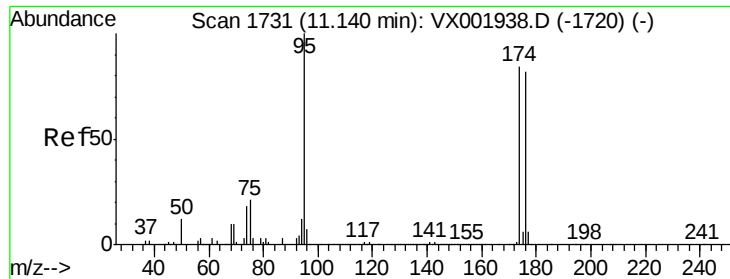
#50
 Toluene-d8
 Concen: 39.51 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX002081.D
 Acq: 27 May 2018 20:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.5	77.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V

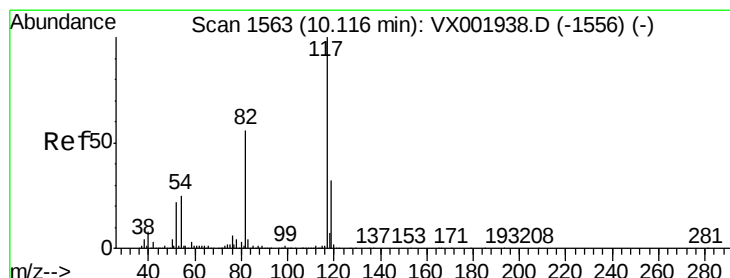
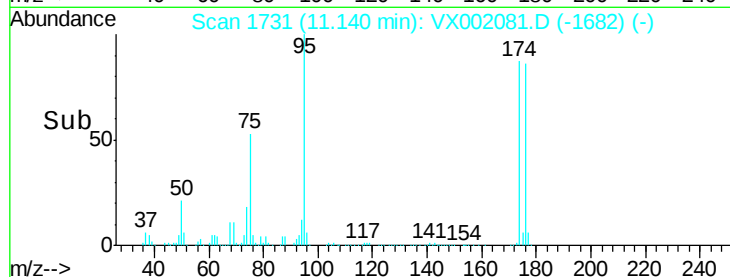
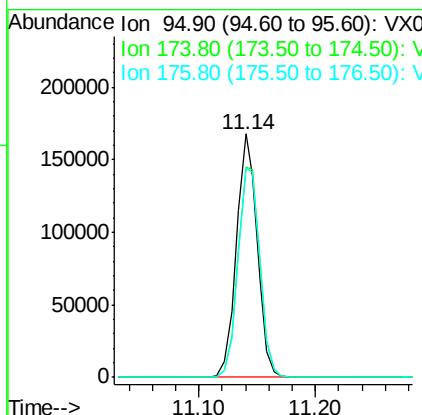
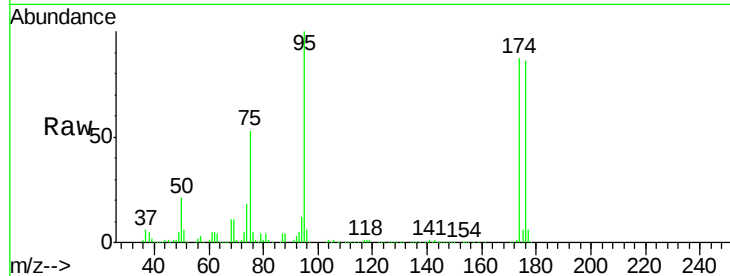




#62
4-Bromofluorobenzene
Concen: 35.55 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX002081.D
Acq: 27 May 2018 20:51

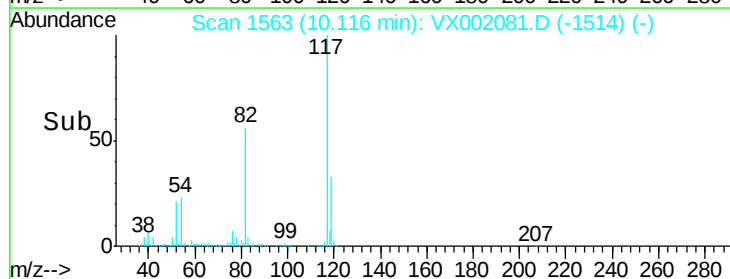
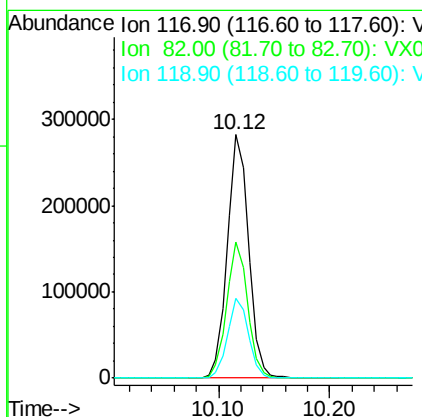
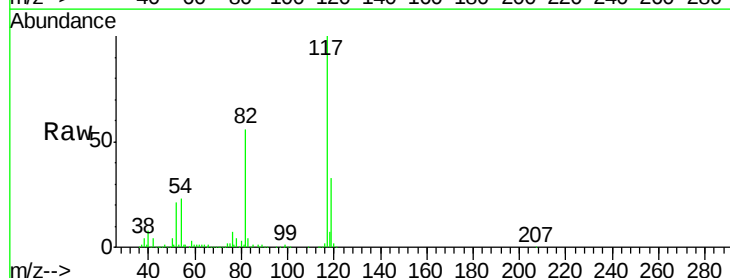
Instrument :
MSVOA_X
ClientSampleId :
TJ-OILY-GRAVEL

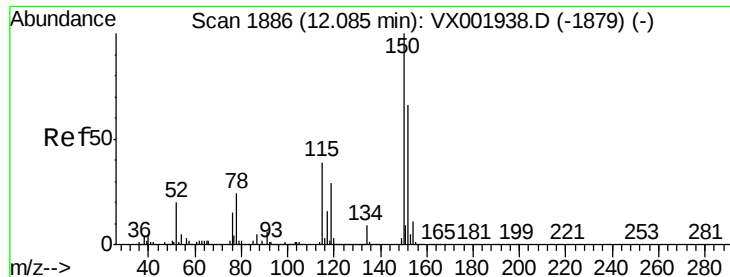
Tot Ion	95	Resp	208837
Ion Ratio	Lower	Upper	
95	100		
174	91.8	0.0	178.8
176	90.3	0.0	175.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002081.D
Acq: 27 May 2018 20:51

Tgt Ion	117	Resp	375005
Ion Ratio	Lower	Upper	
117	100		
82	55.9	44.8	67.2
119	32.6	25.5	38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

Instrument :

MSVOA_X

ClientSampleId :

TJ-OILY-GRAVEL

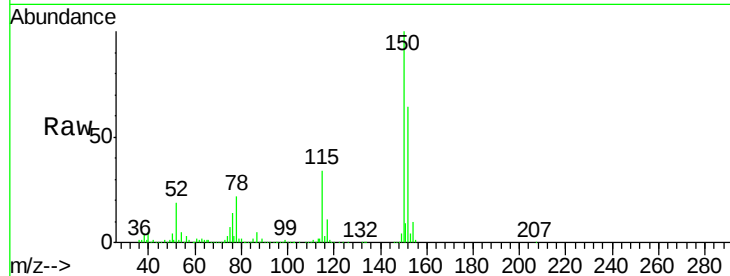
Tot Ion:152 Resp: 205581

Ion Ratio Lower Upper

152 100

115 54.9 42.3 126.8

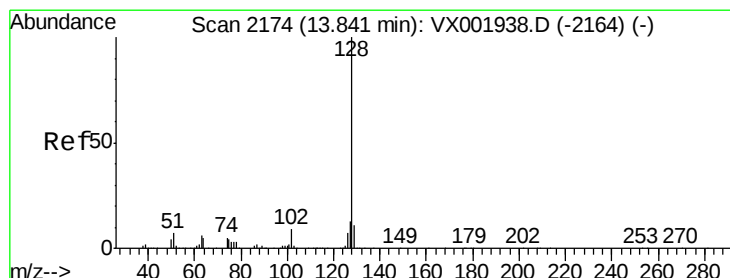
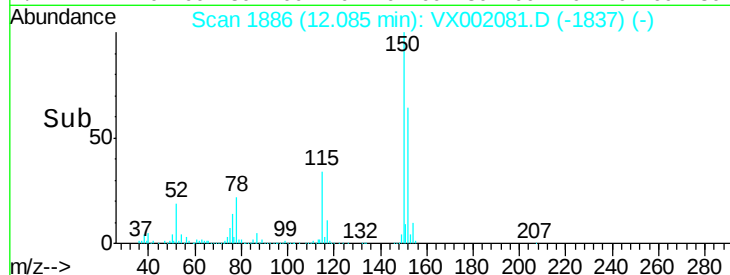
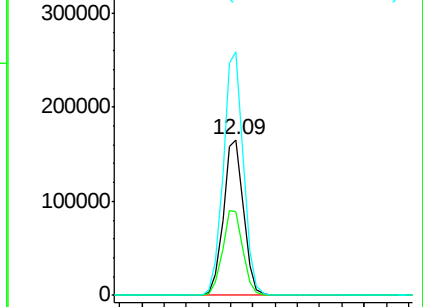
150 156.1 0.0 351.0



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: 20.01 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002081.D

Acq: 27 May 2018 20:51

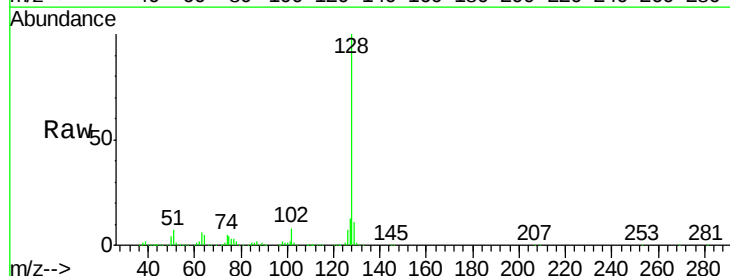
Tgt Ion:128 Resp: 371529

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.8 13.2



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

