

Data Path : W:\HPCHEM1\MSVOA T\DATA\VT051018\
 Data File : VT019083.D
 Acq On : 10 May 2018 18:53
 Operator : SY/MD
 Sample : J2783-04RE
 Misc : 5.023g/5mL/MSVOA T/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_T
 ClientSampleId :
 BS-OILY-STONE-RO-208RE

Quant Time: May 11 03:57:03 2018
 Quant Method : W:\HPCHEM1\MSVOA_T\METHODS\2015\82T050818S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 10 07:01:04 2018
 Response via : Initial Calibration

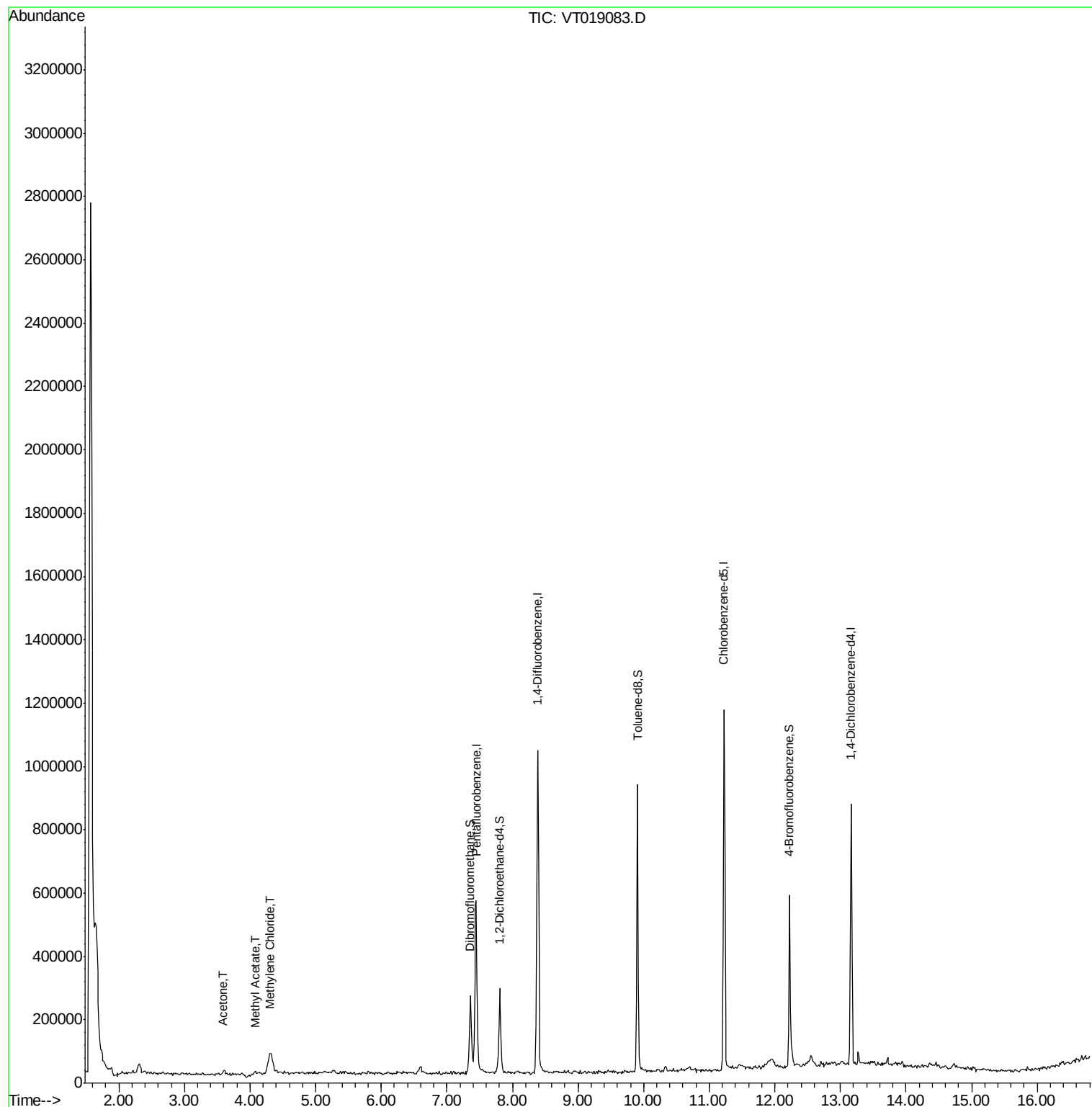
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.45	168	390587	50.00	ug/l	0.01
33) 1,4-Difluorobenzene	8.38	114	767719	50.00	ug/l	0.00
62) Chlorobenzene-d5	11.22	117	547928	50.00	ug/l	0.00
71) 1,4-Dichlorobenzene-d4	13.16	152	177981	50.00	ug/l	0.00
System Monitoring Compounds						
32) 1,2-Dichloroethane-d4	7.80	65	220730	59.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	119.06%	
34) Dibromofluoromethane	7.35	113	206102	47.94	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.88%	
49) Toluene-d8	9.91	98	643624	34.90	ug/l	0.01
Spiked Amount 50.000			Recovery	=	69.80%	
61) 4-Bromofluorobenzene	12.22	95	218856	31.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	63.04%	
Target Compounds						
16) Acetone	3.59	43	31105	79.03	ug/l	94
18) Methyl Acetate	4.08	43	14681	7.26	ug/l #	80
20) Methylene Chloride	4.30	84	79065	18.65	ug/l	95

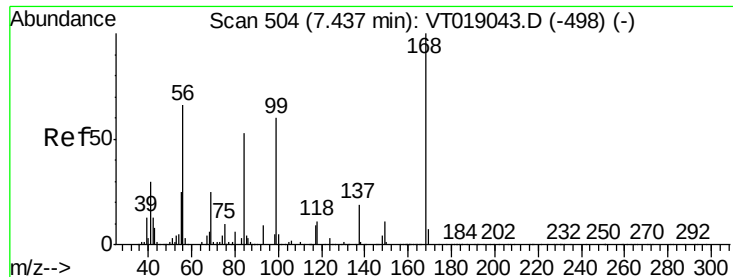
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 10 07:01:04 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.45 min Scan# 505

Delta R.T. 0.01 min

Lab File: VT019083.D

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MSVOA_T

ClientSampleId :

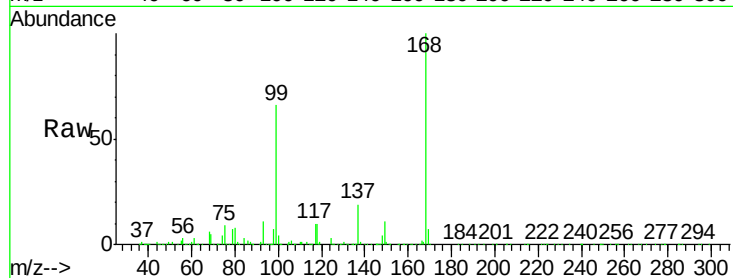
BS-OILY-STONE-RO-208RE

Tot Ion:168 Resp: 390587

Ion Ratio Lower Upper

168 100

99 66.0 59.0 88.4



Abundance Ion 168.00 (167.70 to 168.70): VT0

Ion 99.00 (98.70 to 99.70): VT0

7.45

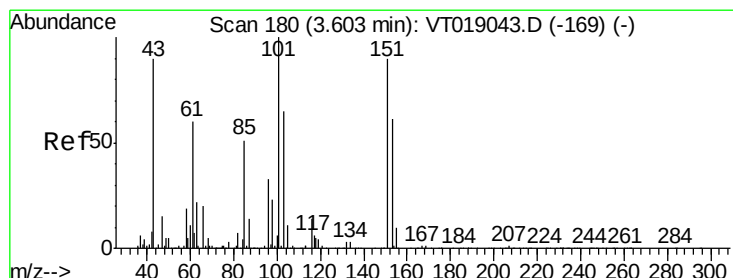
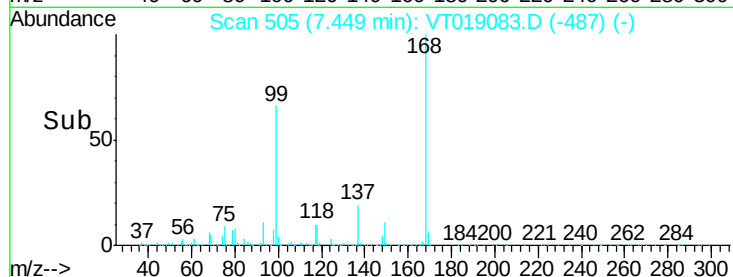
150000

100000

50000

0

Time--> 7.30 7.40 7.50 7.60



#16

Acetone

Concen: 79.03 ug/l

RT: 3.59 min Scan# 179

Delta R.T. -0.01 min

Lab File: VT019083.D

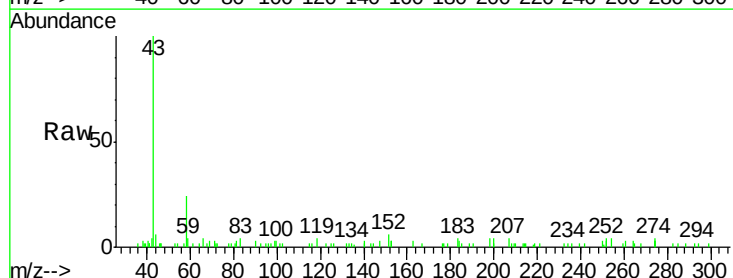
Acq: 10 May 2018 18:53

Tgt Ion: 43 Resp: 31105

Ion Ratio Lower Upper

43 100

58 23.9 16.7 25.1



Abundance Ion 43.10 (42.80 to 43.80): VT0

Ion 58.10 (57.80 to 58.80): VT0

3.59

12000

10000

8000

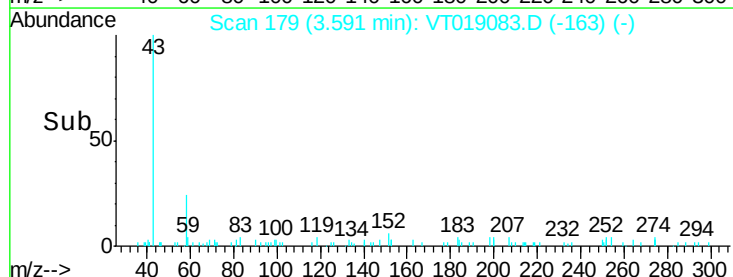
6000

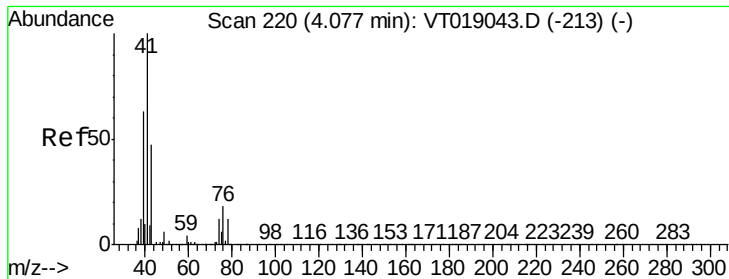
4000

2000

0

Time--> 3.50 3.60 3.70

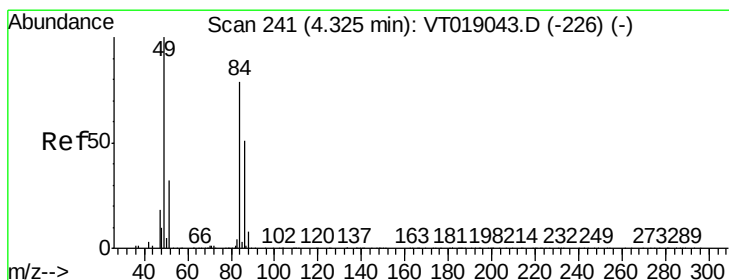
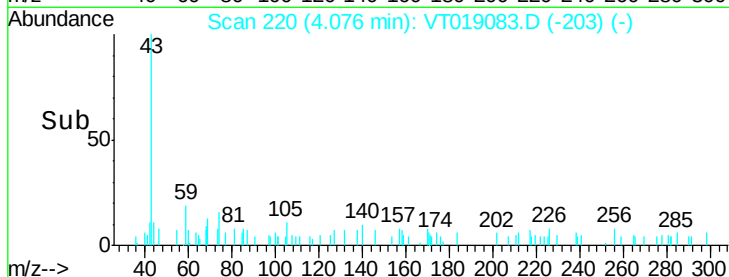
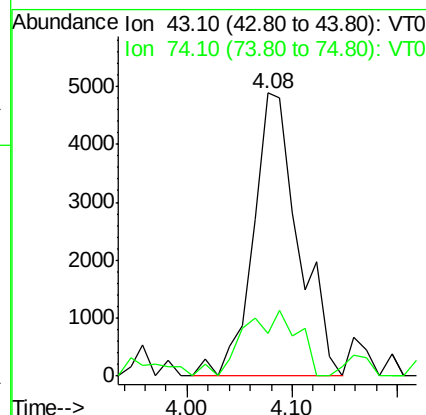
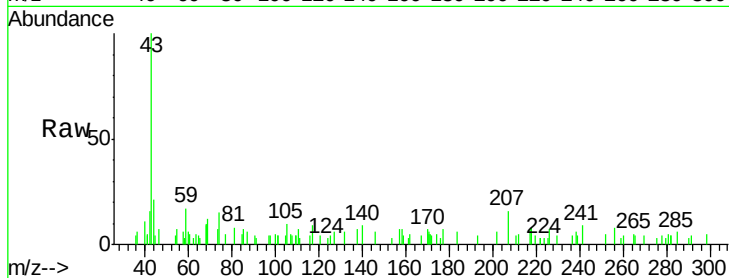




#18
Methvl Acetate
Concen: 7.26 ug/l
RT: 4.08 min Scan# 220
Delta R.T. -0.00 min
Lab File: VT019083.D
Acq: 10 May 2018 18:53

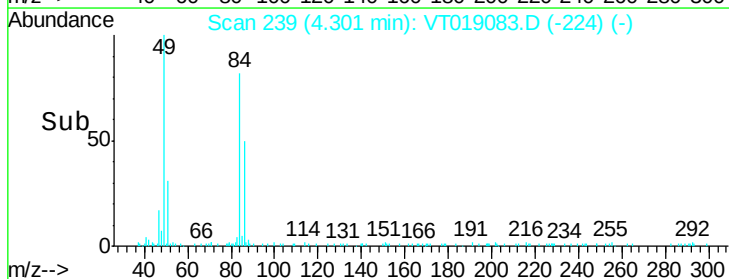
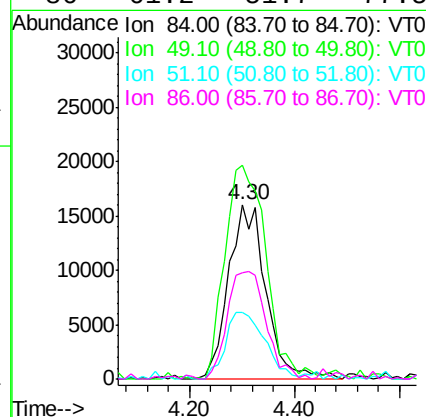
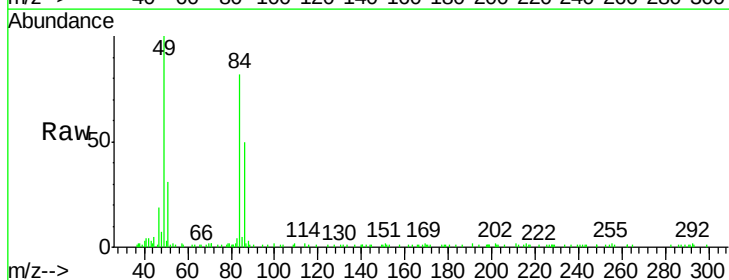
Instrument :
MSVOA_T
ClientSampleId :
BS-OILY-STONE-RO-208RE

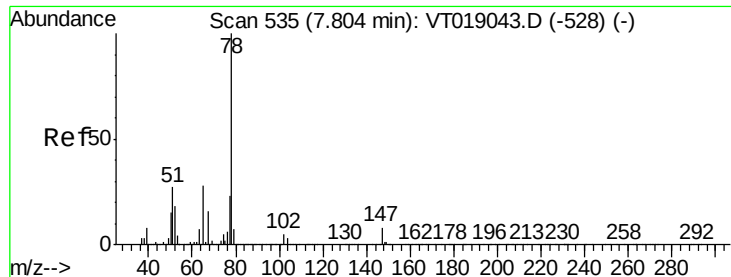
Tot Ion: 43 Resp: 14681
Ion Ratio Lower Upper
43 100
74 14.9 19.8 29.8#



#20
Methylene Chloride
Concen: 18.65 ug/l
RT: 4.30 min Scan# 239
Delta R.T. -0.02 min
Lab File: VT019083.D
Acq: 10 May 2018 18:53

Tgt Ion: 84 Resp: 79065
Ion Ratio Lower Upper
84 100
49 122.7 103.0 154.4
51 38.0 33.3 49.9
86 61.2 51.7 77.5





#32

1,2-Dichloroethane-d4

Concen: 59.53 ug/l

RT: 7.80 min Scan# 535

Delta R.T. -0.00 min

Lab File: VT019083.D

Acq: 10 May 2018 18:53

Instrument :

MSVOA_T

ClientSampleId :

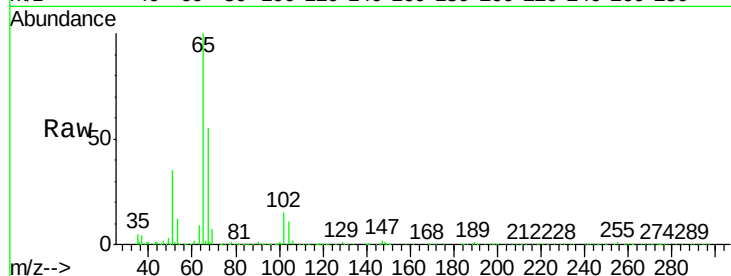
BS-OILY-STONE-RO-208RE

Tot Ion: 65 Resp: 220730

Ion Ratio Lower Upper

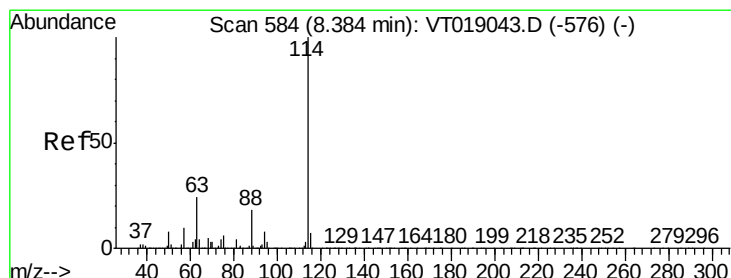
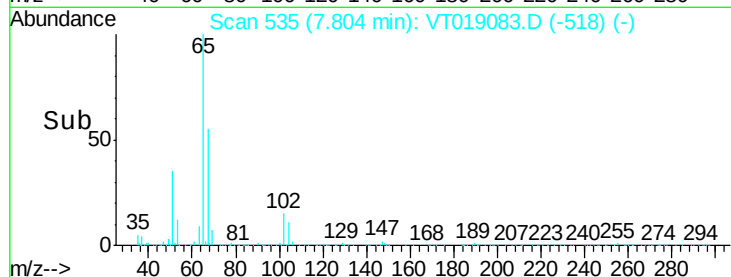
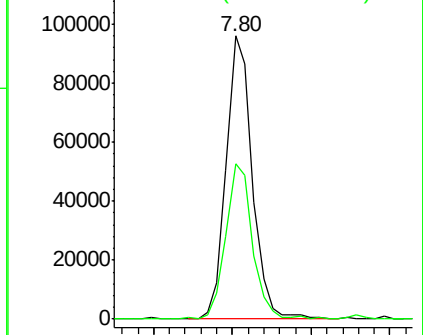
65 100

67 54.8 0.0 114.2



Abundance Ion 65.10 (64.80 to 65.80): VT0

Ion 67.10 (66.80 to 67.80): VT0



#33

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.38 min Scan# 584

Delta R.T. -0.00 min

Lab File: VT019083.D

Acq: 10 May 2018 18:53

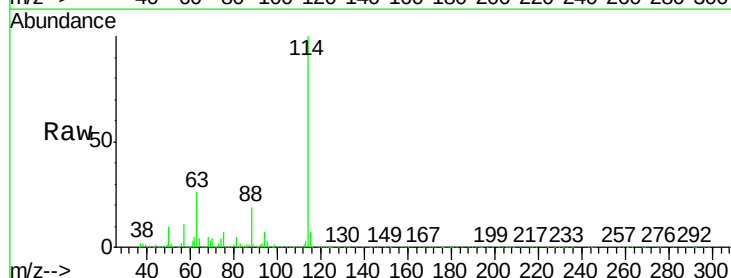
Tgt Ion: 114 Resp: 767719

Ion Ratio Lower Upper

114 100

63 25.8 0.0 48.8

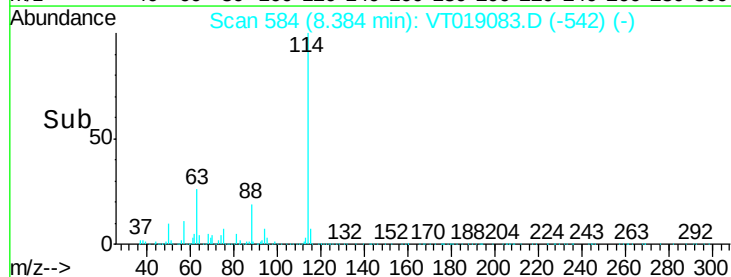
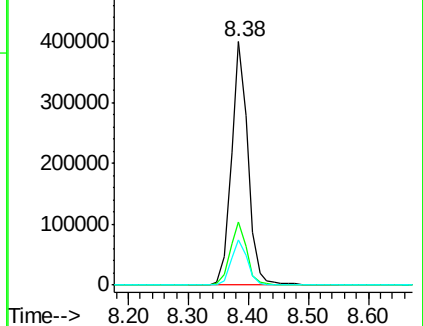
88 18.6 0.0 37.0

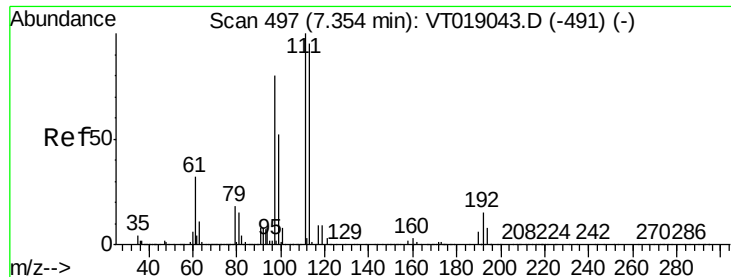


Abundance Ion 114.10 (113.80 to 114.80): V

Ion 63.10 (62.80 to 63.80): VT0

Ion 88.10 (87.80 to 88.80): VT0

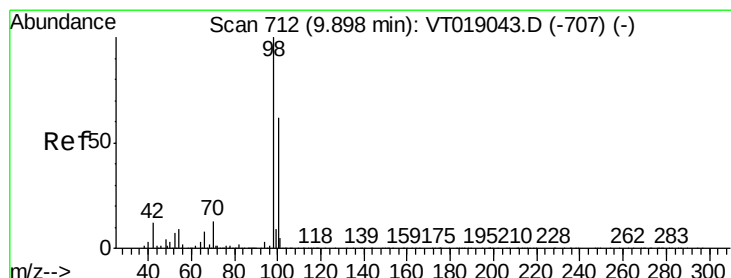
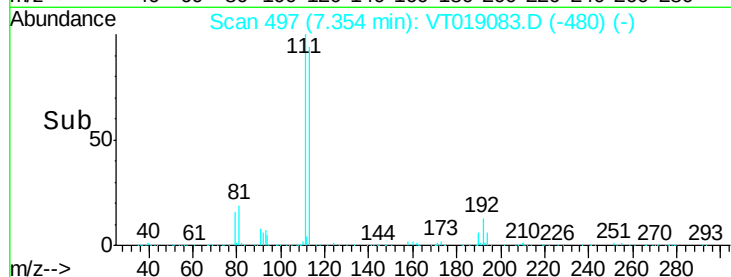
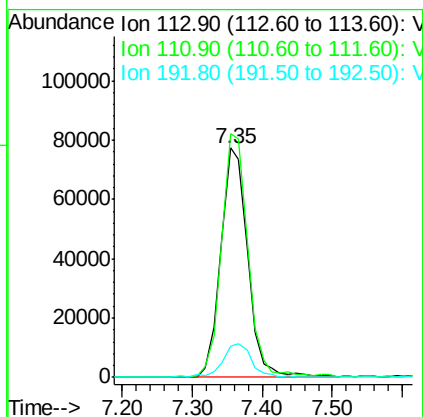
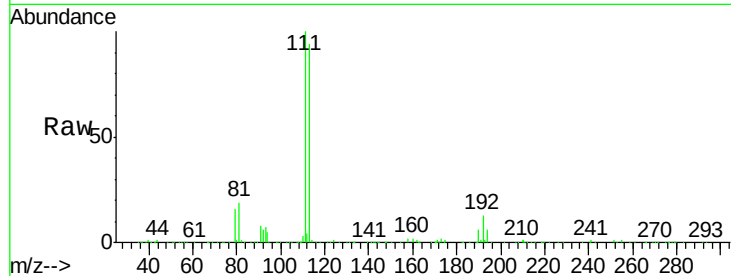




#34
Dibromofluoromethane
Concen: 47.94 ug/l
RT: 7.35 min Scan# 497
Delta R.T. -0.00 min
Lab File: VT019083.D
Acq: 10 May 2018 18:53

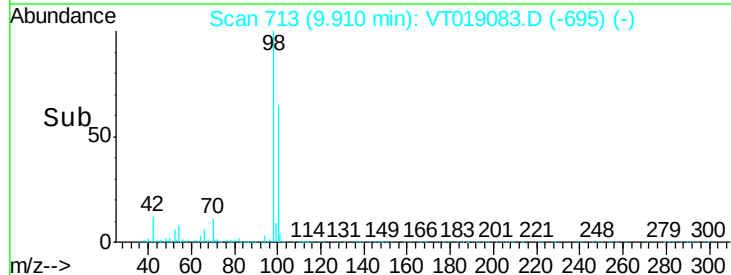
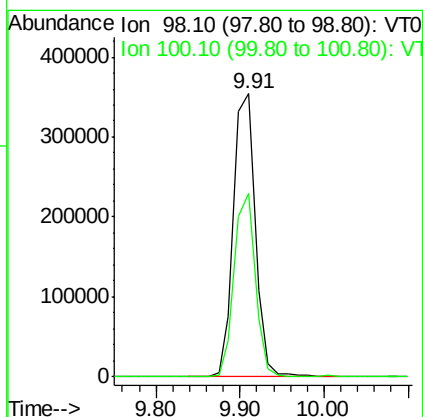
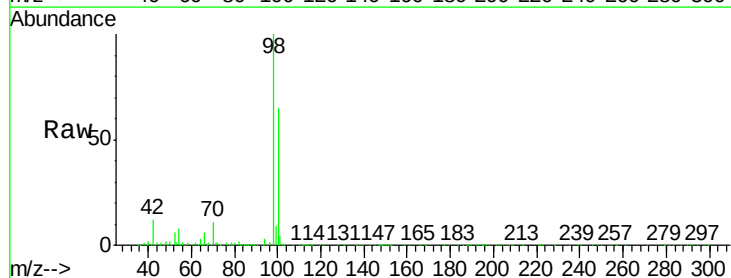
Instrument :
MSVOA_T
ClientSampleId :
BS-OILY-STONE-RO-208RE

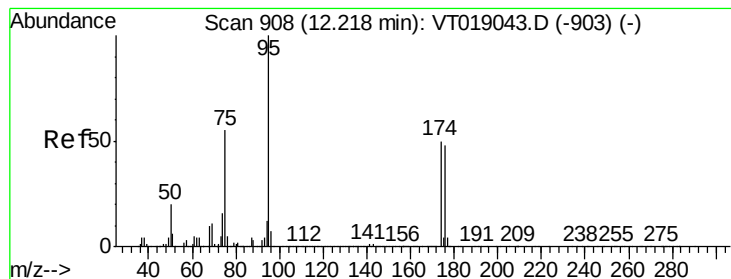
Tot Ion	Ratio	Lower	Upper
113	100		
111	106.4	84.0	126.0
192	13.4	12.9	19.3



#49
Toluene-d8
Concen: 34.90 ug/l
RT: 9.91 min Scan# 713
Delta R.T. 0.01 min
Lab File: VT019083.D
Acq: 10 May 2018 18:53

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.0	75.0





#61

4-Bromofluorobenzene

Concen: 31.52 ug/l

RT: 12.22 min Scan# 908

Delta R.T. -0.00 min

Lab File: VT019083.D

Acq: 10 May 2018 18:53

Instrument :

MSVOA_T

ClientSampleId :

BS-OILY-STONE-RO-208RE

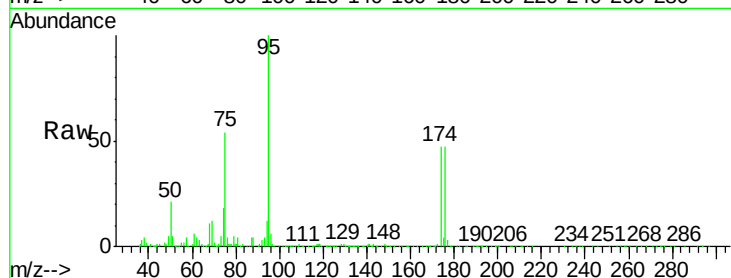
Tot Ion: 95 Resp: 218856

Ion Ratio Lower Upper

95 100

174 47.5 0.0 100.0

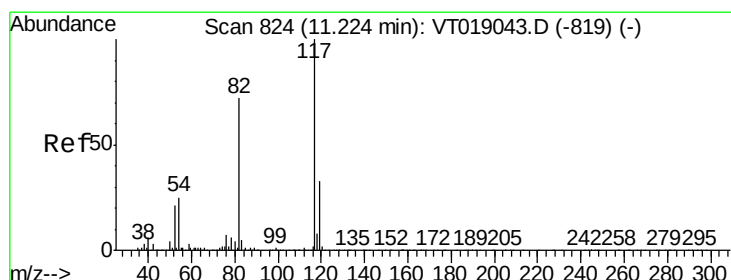
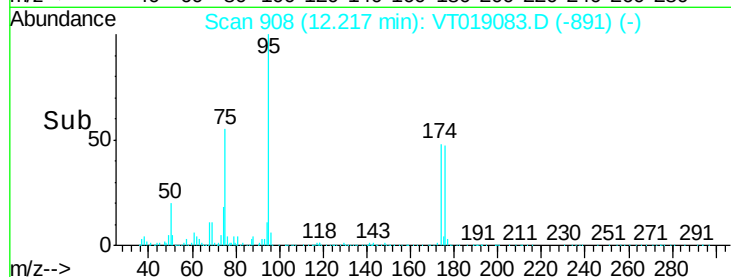
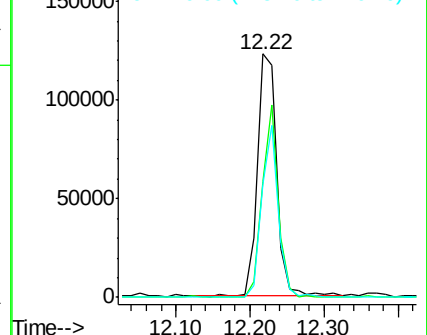
176 46.5 0.0 96.6



Abundance Ion 95.10 (94.80 to 95.80): VT0

Ion 174.00 (173.70 to 174.70): VT0

Ion 176.00 (175.70 to 176.70): VT0



#62

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 11.22 min Scan# 824

Delta R.T. -0.00 min

Lab File: VT019083.D

Acq: 10 May 2018 18:53

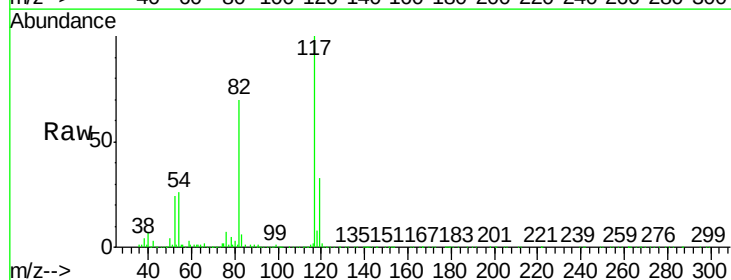
Tgt Ion: 117 Resp: 547928

Ion Ratio Lower Upper

117 100

82 70.1 57.6 86.4

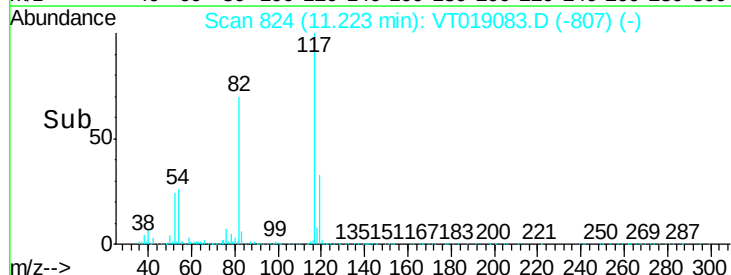
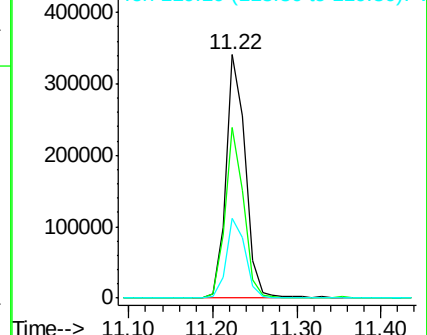
119 32.9 26.6 40.0

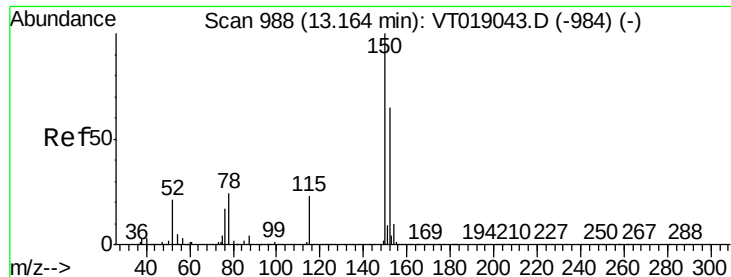


Abundance Ion 117.10 (116.80 to 117.80): VT0

Ion 82.10 (81.80 to 82.80): VT0

Ion 119.10 (118.80 to 119.80): VT0





#71
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.16 min Scan# 988
 Delta R.T. -0.00 min
 Lab File: VT019083.D
 Acq: 10 May 2018 18:53

Instrument :
 MSVOA_T
 ClientSampleId :
 BS-OILY-STONE-RO-208RE

Tot Ion	Ratio	Lower	Upper
152	100		
115	73.1	34.2	102.6
150	154.9	0.0	321.2

