

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092818\
 Data File : VF060377.D
 Acq On : 28 Sep 2018 19:54
 Operator : VA/AP
 Sample : J5154-02
 Misc : 5.05/5mL/MSVOA F/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Quant Time: Sep 29 01:09:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

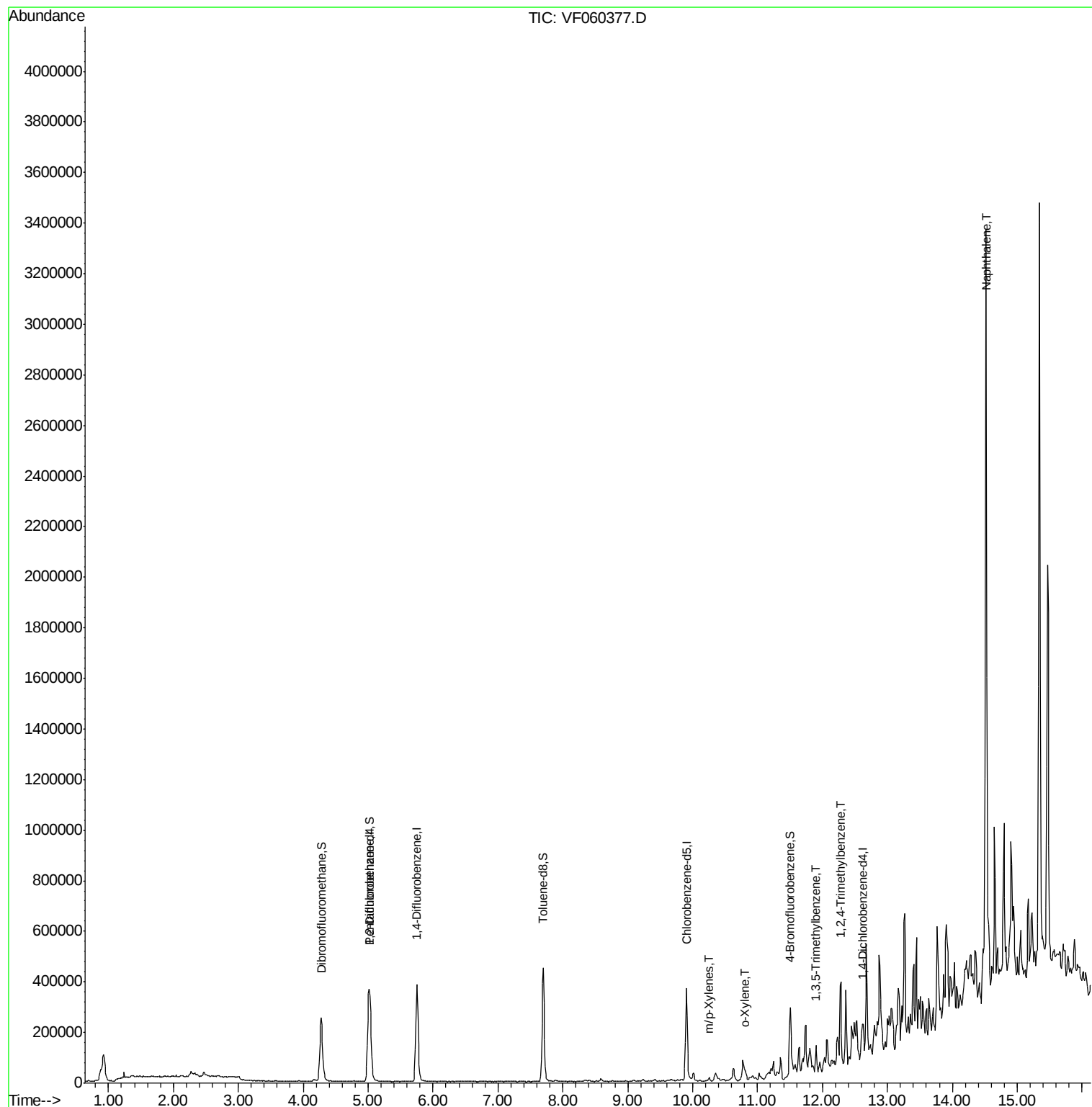
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	232816	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	427626	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	234454	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	40078	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	209372	66.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.58%	
35) Dibromofluoromethane	4.28	113	232277	60.93	ug/l	0.00
Spiked Amount 50.000			Recovery	=	121.86%	
50) Toluene-d8	7.70	98	373673	37.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	75.28%	
62) 4-Bromofluorobenzene	11.50	95	97793	22.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	45.58%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	10.26	106	4082	1.203	ug/l	96
69) o-Xylene	10.81	106	3977	1.045	ug/l	43
80) 1,3,5-Trimethylbenzene	11.90	105	41038	14.170	ug/l	94
84) 1,2,4-Trimethylbenzene	12.28	105	117643	40.002	ug/l	99
95) Naphthalene	14.52	128	2163627	1228.375	ug/l	98

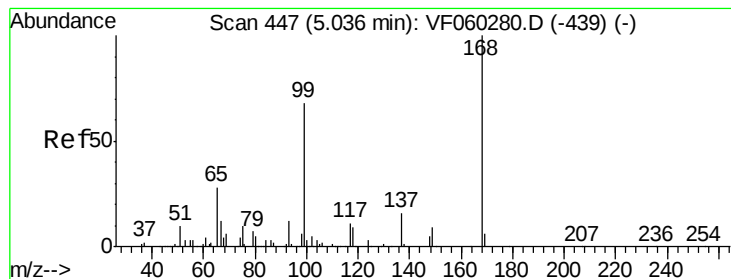
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092818\
Data File : VF060377.D
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Misc : 5.05/5mL/MSVOA F/SOIL
ALS Vial : 40 Sample Multiplier: 1

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ClientSampleId :
OILY-STONES

Quant Time: Sep 29 01:09:18 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

Instrument :

MSVOA_F

ClientSampleId :

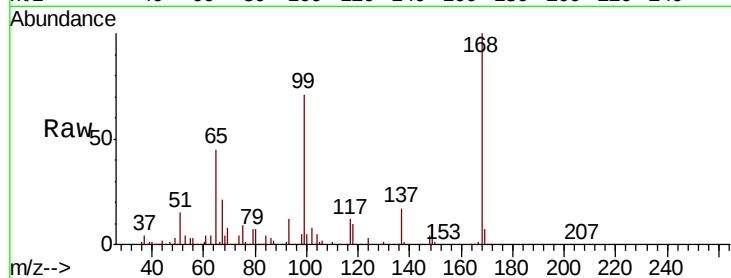
OILY-STONES

Tot Ion:168 Resp: 232816

Ion Ratio Lower Upper

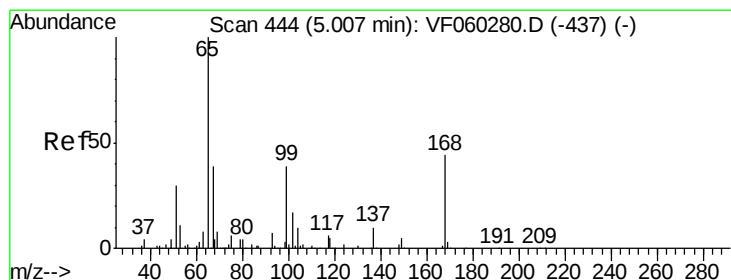
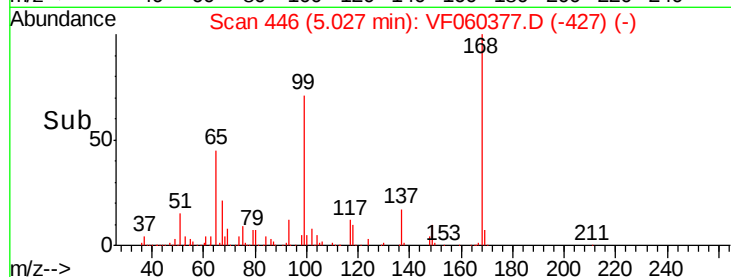
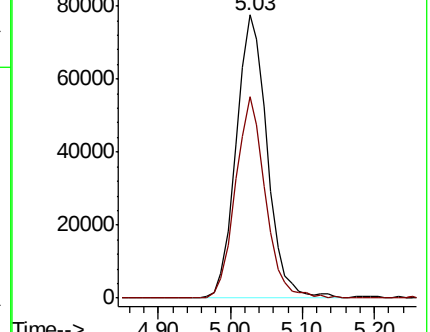
168 100

99 71.2 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 66.787 ug/l

RT: 5.01 min Scan# 444

Delta R.T. 0.00 min

Lab File: VF060377.D

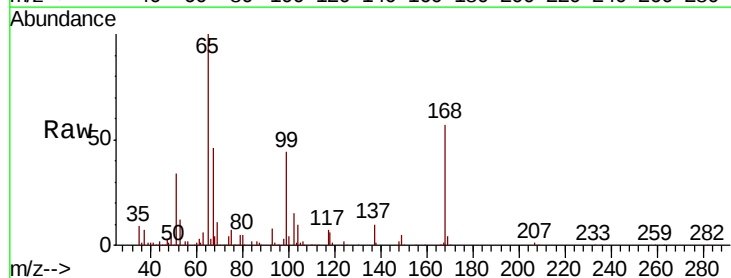
Acq: 28 Sep 2018 19:54

Tgt Ion: 65 Resp: 209372

Ion Ratio Lower Upper

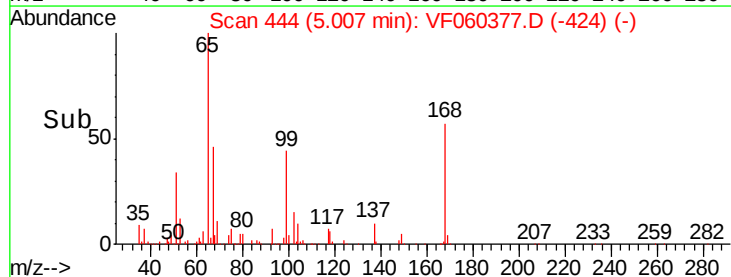
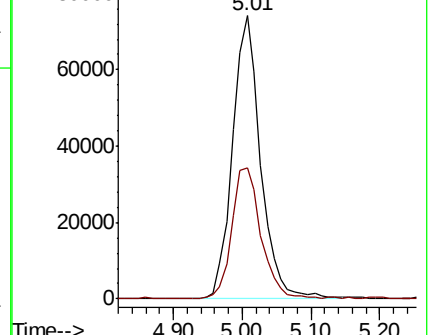
65 100

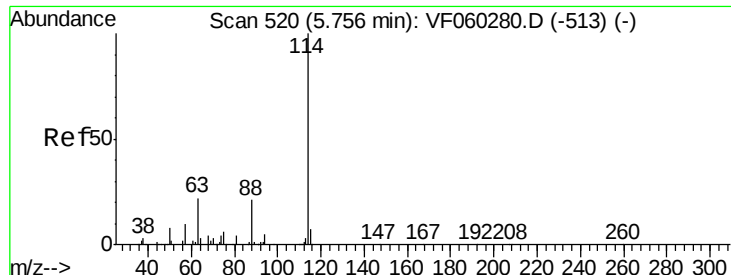
67 46.4 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.75 min Scan# 519

Delta R.T. -0.01 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONES

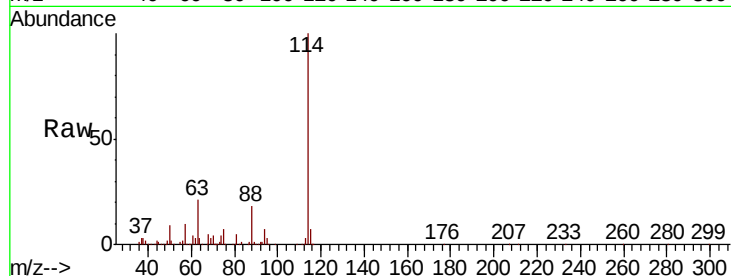
Tot Ion:114 Resp: 427626

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 17.6 0.0 41.2



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VF0

Ion 88.00 (87.70 to 88.70): VF0

200000

150000

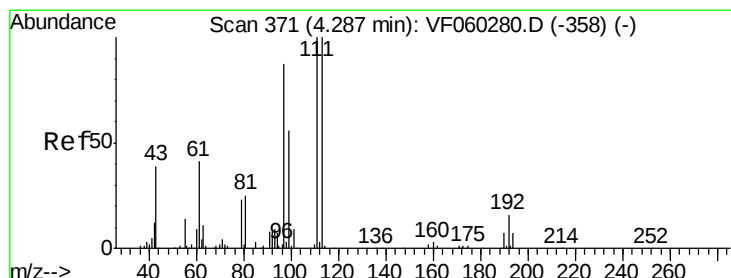
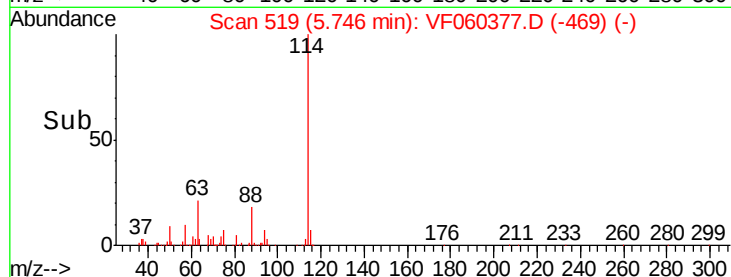
100000

50000

0

5.60 5.70 5.80 5.90 6.00

Time-->



#35

Dibromofluoromethane

Concen: 60.934 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.01 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

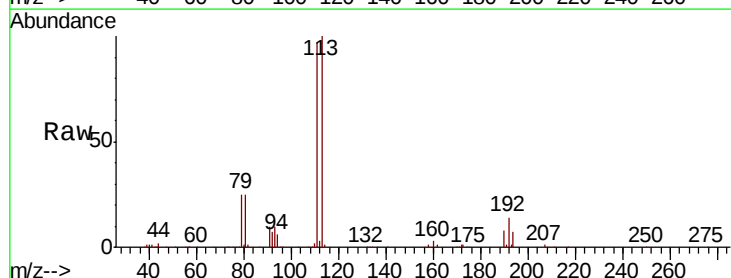
Tgt Ion:113 Resp: 232277

Ion Ratio Lower Upper

113 100

111 96.6 79.6 119.4

192 14.2 13.0 19.6



Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V

100000

80000

60000

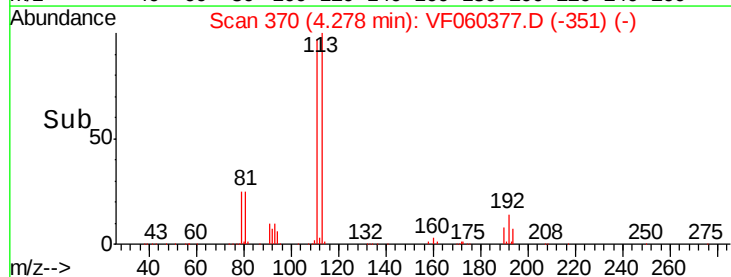
40000

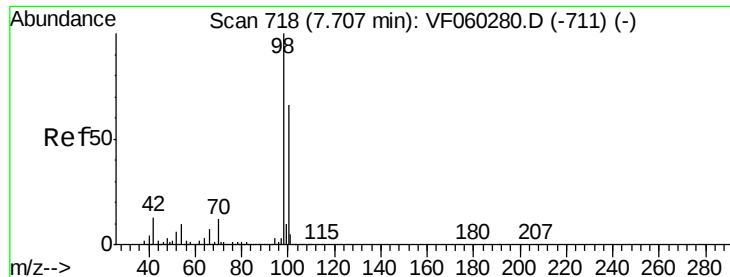
20000

0

4.10 4.20 4.30 4.40

Time-->





#50

Toluene-d8

Concen: 37.641 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

Instrument :

MSVOA_F

ClientSampleId :

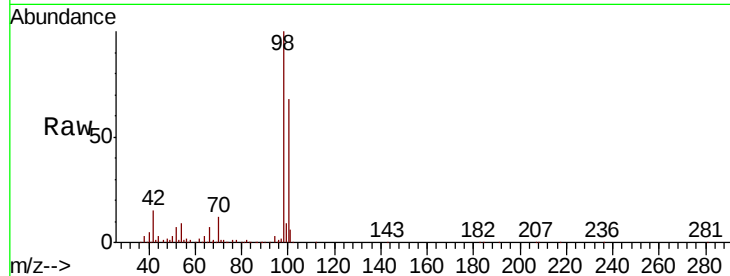
OILY-STONES

Tot Ion: 98 Resp: 373673

Ion Ratio Lower Upper

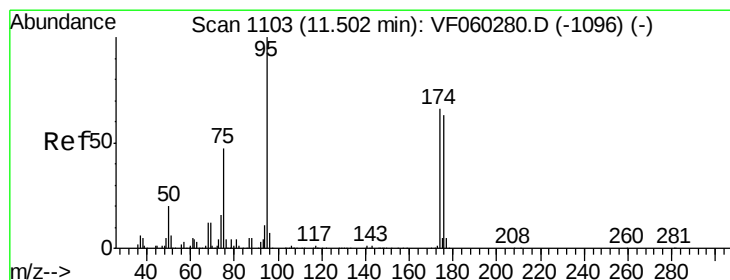
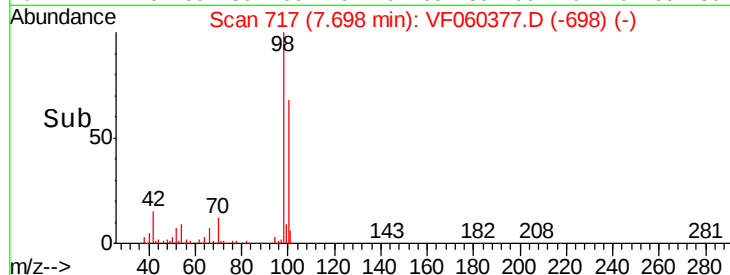
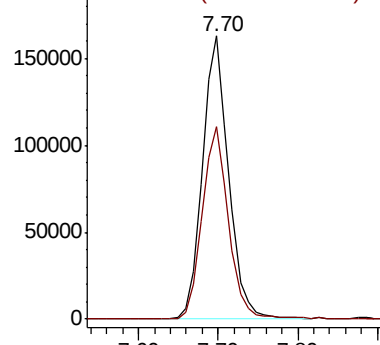
98 100

100 68.2 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 22.789 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

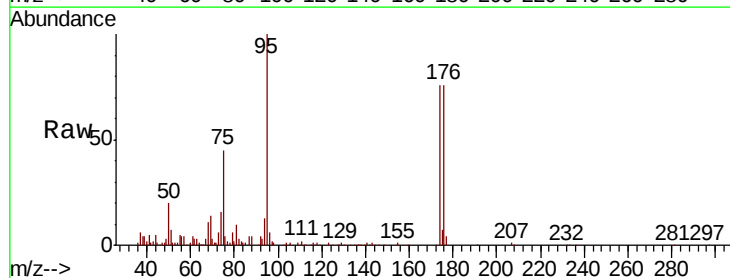
Tgt Ion: 95 Resp: 97793

Ion Ratio Lower Upper

95 100

174 76.3 0.0 131.2

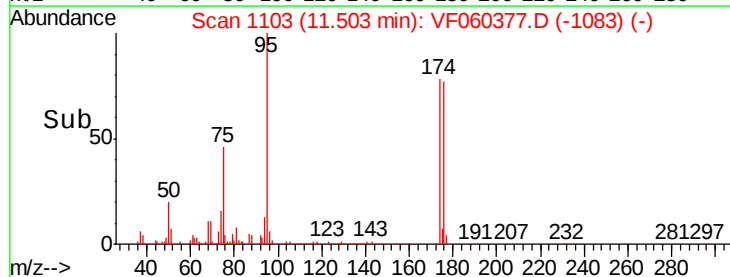
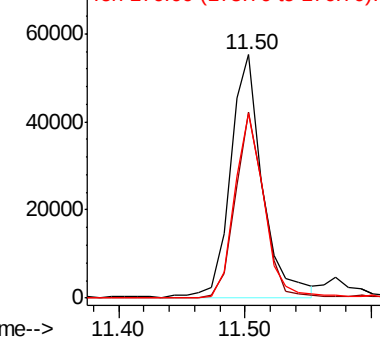
176 75.8 0.0 126.6

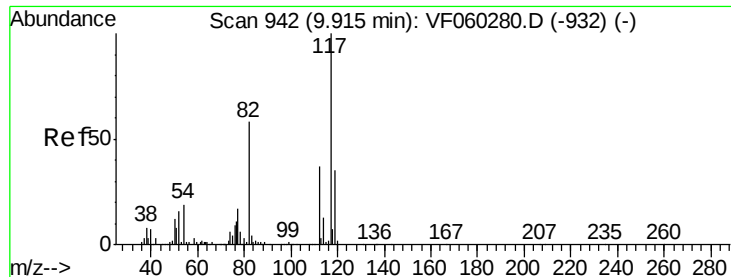


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

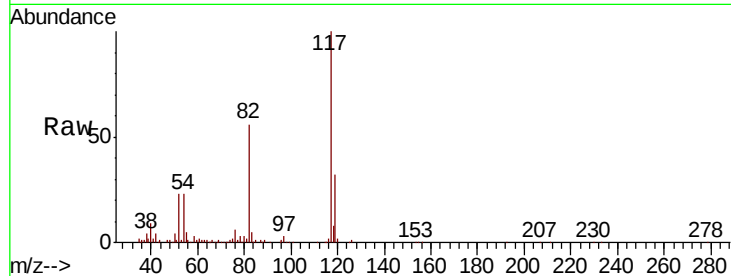




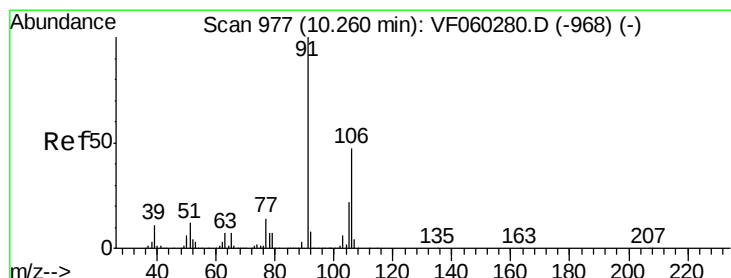
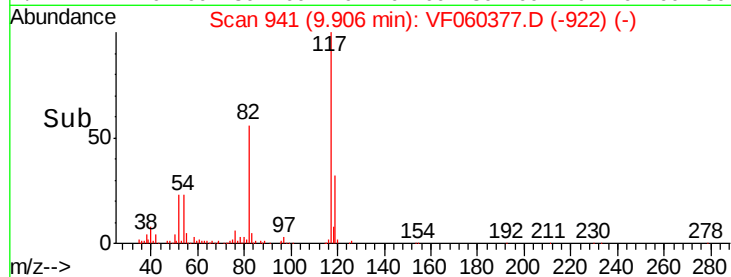
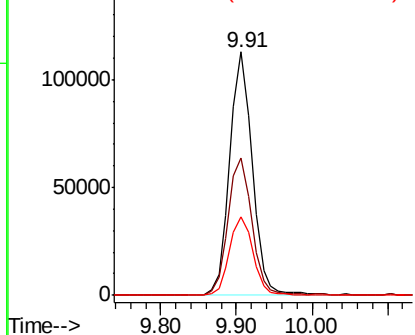
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060377.D
Acq: 28 Sep 2018 19:54

Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

Tot Ion:117 Resp: 234454
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 32.0 27.8 41.6

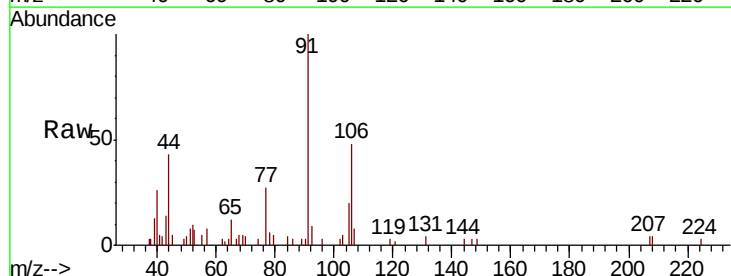


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

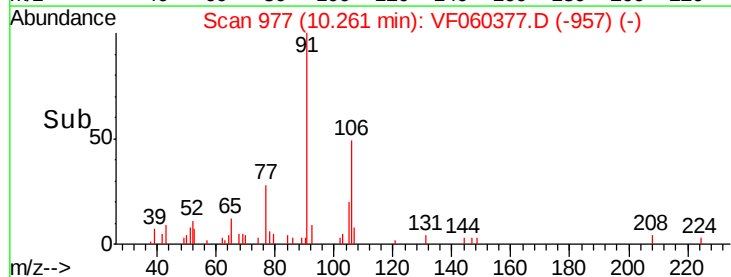
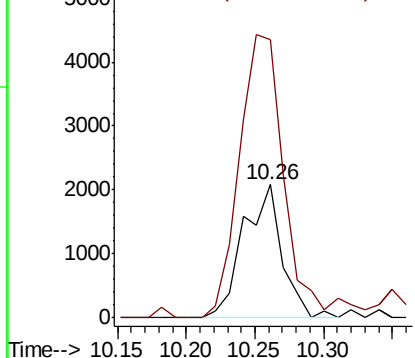


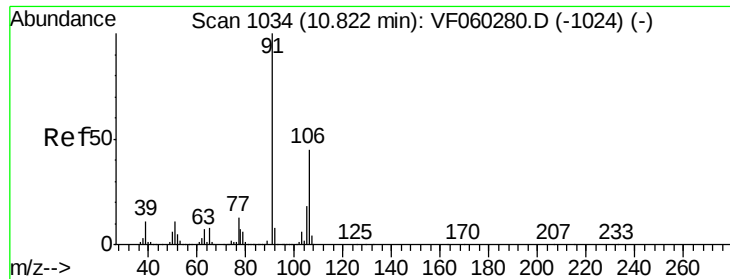
#68
m/p-Xylenes
Concen: 1.203 ug/l
RT: 10.26 min Scan# 977
Delta R.T. 0.00 min
Lab File: VF060377.D
Acq: 28 Sep 2018 19:54

Tgt Ion:106 Resp: 4082
Ion Ratio Lower Upper
106 100
91 209.1 172.3 258.5



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VF0

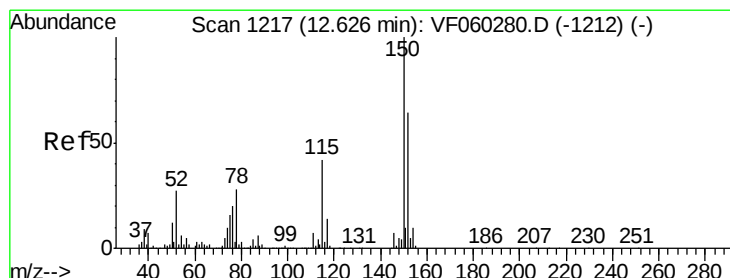
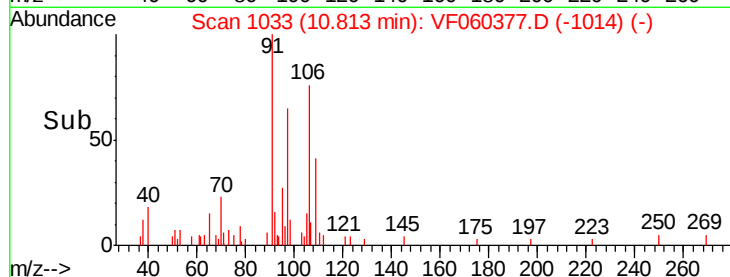
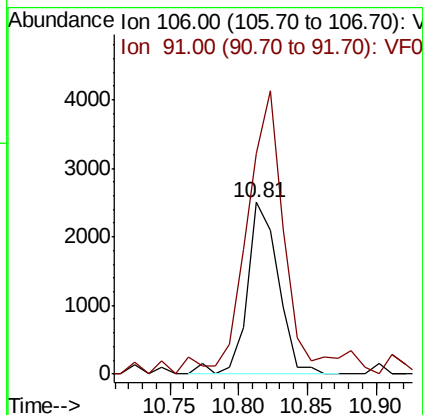
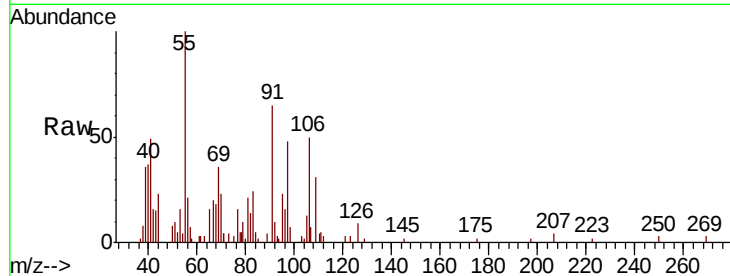




#69
o-Xylene
Concen: 1.045 ug/l
RT: 10.81 min Scan# 1033
Delta R.T. -0.01 min
Lab File: VF060377.D
Acq: 28 Sep 2018 19:54

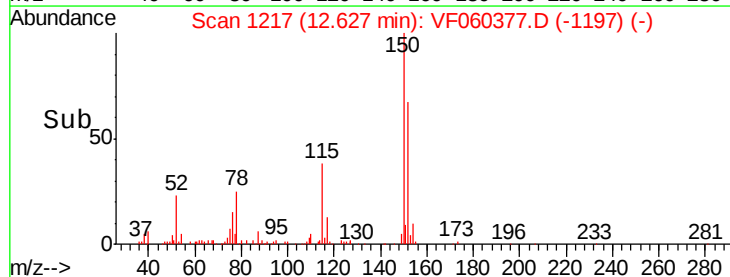
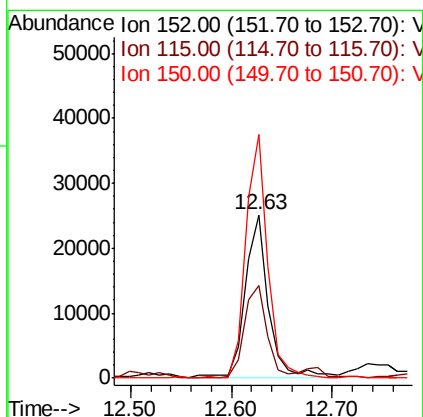
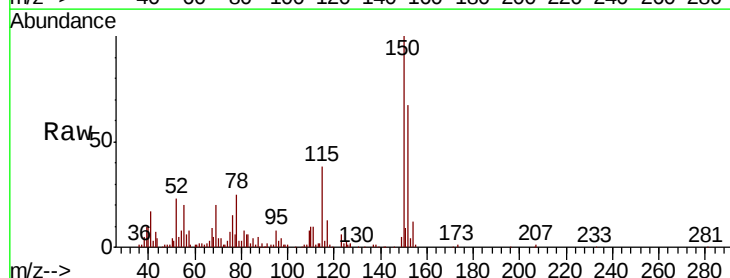
Instrument :
MSVOA_F
ClientSampleId :
OILY-STONES

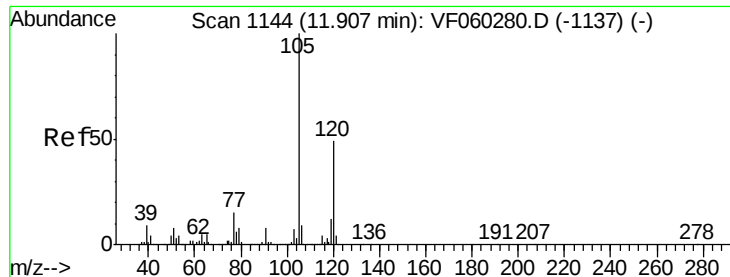
Tot Ion:106 Resp: 3977
Ion Ratio Lower Upper
106 100
91 129.0 110.9 332.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060377.D
Acq: 28 Sep 2018 19:54

Tgt Ion:152 Resp: 40078
Ion Ratio Lower Upper
152 100
115 56.7 32.6 97.8
150 148.8 0.0 314.2





#80

1,3,5-Trimethylbenzene

Concen: 14.170 ug/l

RT: 11.90 min Scan# 1143

Delta R.T. -0.01 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

Instrument :

MSVOA_F

ClientSampleId :

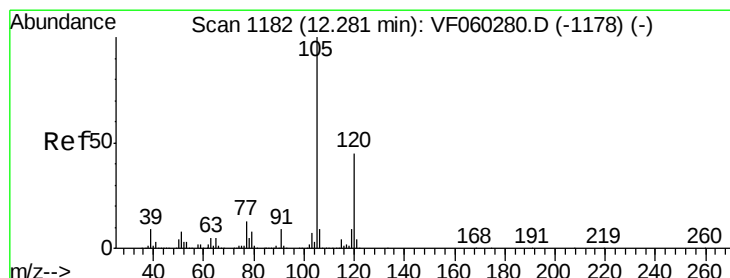
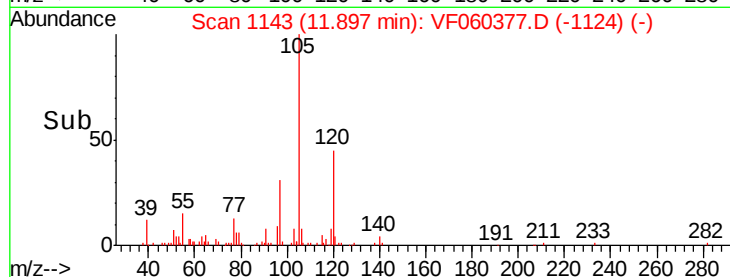
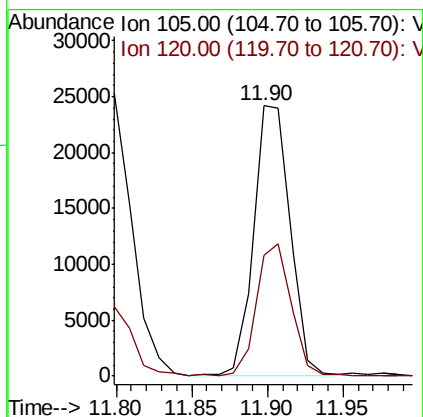
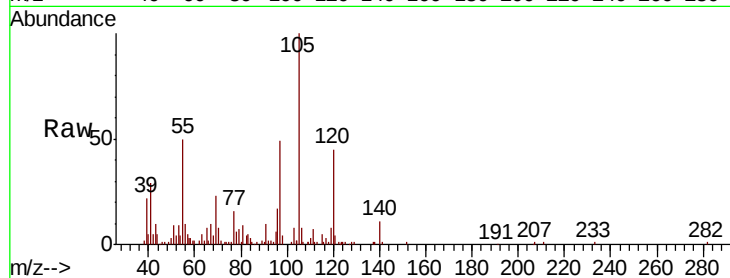
OILY-STONES

Tot Ion:105 Resp: 41038

Ion Ratio Lower Upper

105 100

120 44.6 24.4 73.2



#84

1,2,4-Trimethylbenzene

Concen: 40.002 ug/l

RT: 12.28 min Scan# 1182

Delta R.T. 0.00 min

Lab File: VF060377.D

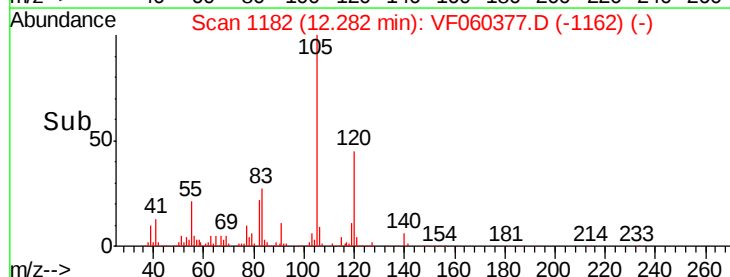
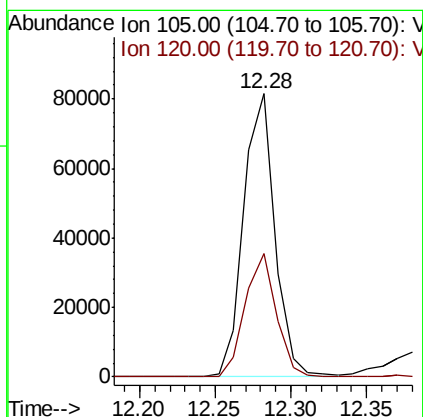
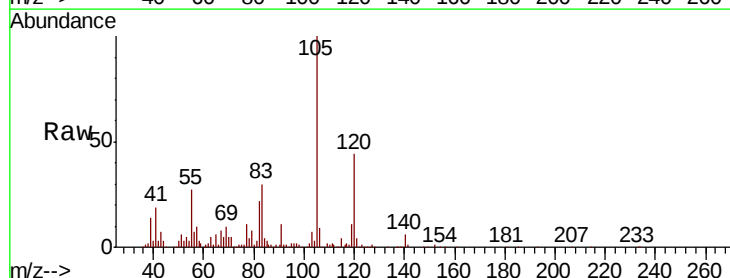
Acq: 28 Sep 2018 19:54

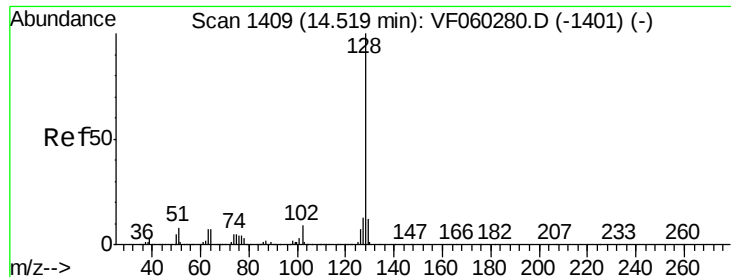
Tgt Ion:105 Resp: 117643

Ion Ratio Lower Upper

105 100

120 43.7 22.4 67.0





#95

Naphthalene

Concen: 1228.375 ug/l

RT: 14.52 min Scan# 1409

Delta R.T. 0.00 min

Lab File: VF060377.D

Acq: 28 Sep 2018 19:54

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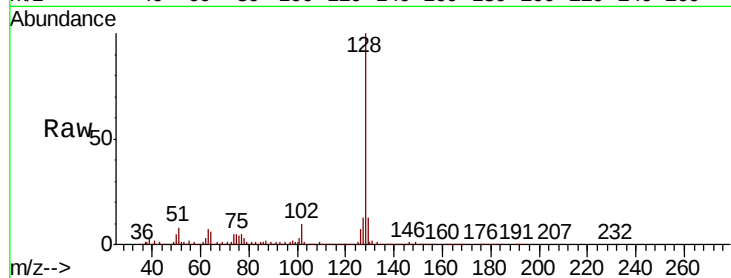
Tot Ion:128 Resp: 2163627

Ion Ratio Lower Upper

128 100

127 13.0 10.1 15.1

129 13.3 9.8 14.8



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

