

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF051519\
 Data File : VF062606.D
 Acq On : 15 May 2019 13:59
 Operator : FY/SY
 Sample : K2770-01
 Misc : 5.08g/5mL/MSVOA F/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

Quant Time: May 15 15:44:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F051419S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 15 05:06:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.08	168	697014	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.80	114	1184525	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.93	117	830659	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.62	152	342528	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.05	65	199673	37.92	ug/l	-0.02
Spiked Amount						
			Recovery	=		75.84%
35) Dibromofluoromethane	4.33	113	363141	41.19	ug/l	0.00
Spiked Amount						
			Recovery	=		82.38%
50) Toluene-d8	7.73	98	750693	36.14	ug/l	0.00
Spiked Amount						
			Recovery	=		72.28%
62) 4-Bromofluorobenzene	11.50	95	264709	36.49	ug/l	0.00
Spiked Amount						
			Recovery	=		72.98%

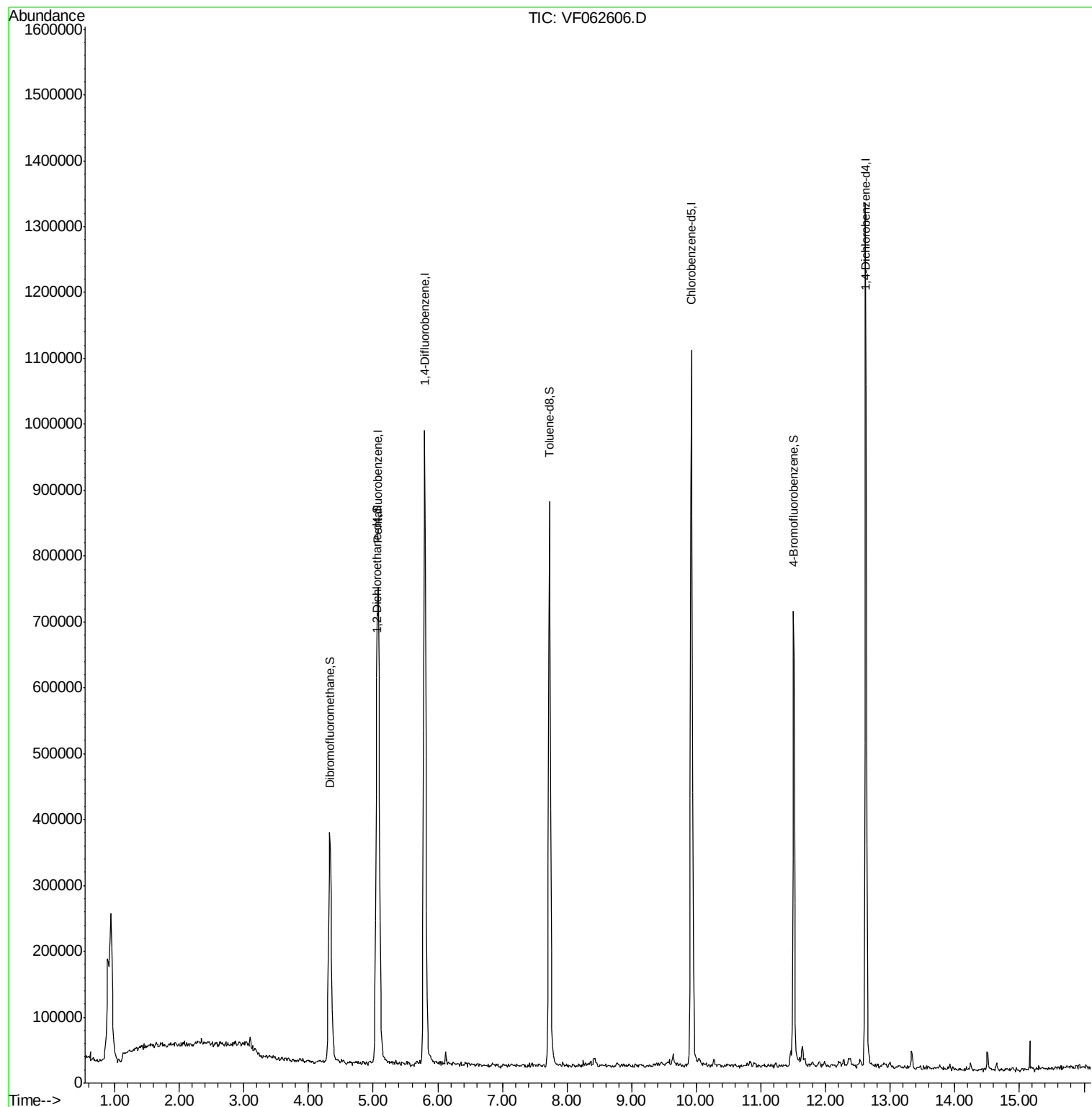
Target Compounds	Qvalue

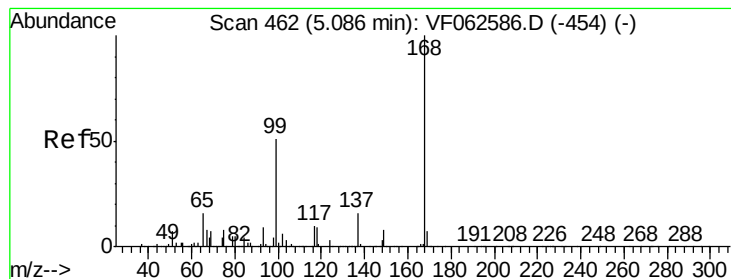
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed May 15 05:06:28 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.08 min Scan# 461

Delta R.T. -0.01 min

Lab File: VF062606.D

Acq: 15 May 2019 13:59

Instrument :

MSVOA_F

ClientSampleId :

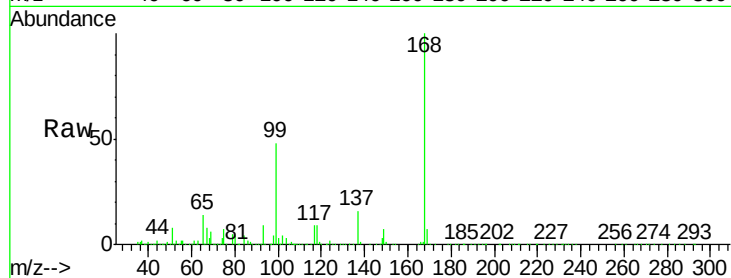
OILY-STONES

Tot Ion:168 Resp: 697014

Ion Ratio Lower Upper

168 100

99 48.5 41.0 61.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.08

250000

200000

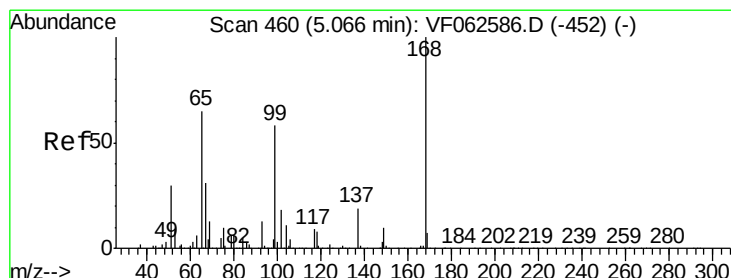
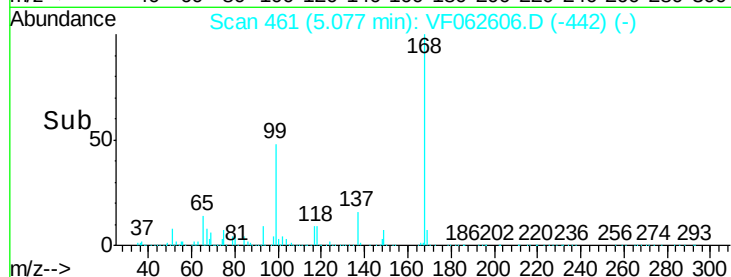
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 37.920 ug/l

RT: 5.05 min Scan# 458

Delta R.T. -0.02 min

Lab File: VF062606.D

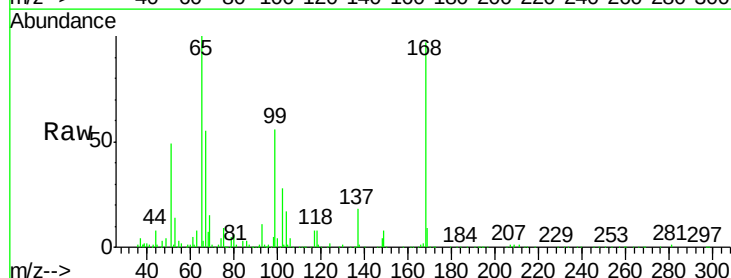
Acq: 15 May 2019 13:59

Tgt Ion: 65 Resp: 199673

Ion Ratio Lower Upper

65 100

67 55.4 0.0 116.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

80000

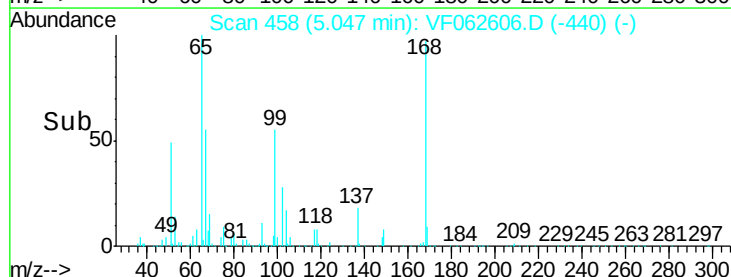
60000

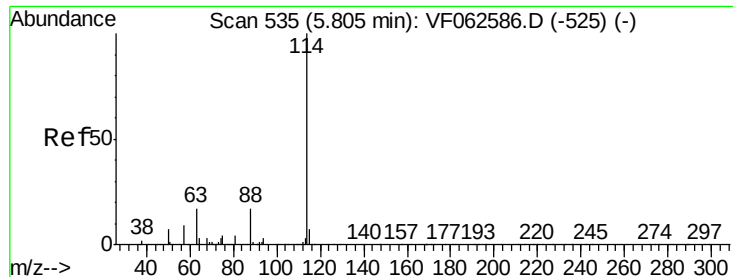
40000

20000

0

Time-->

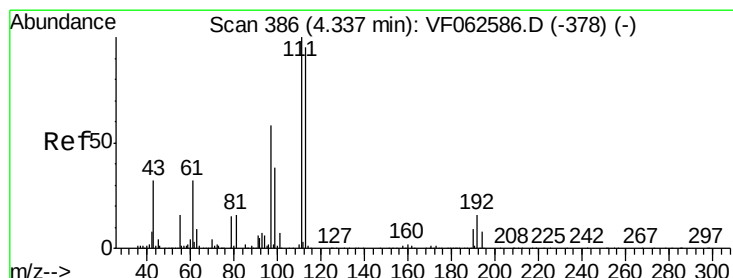
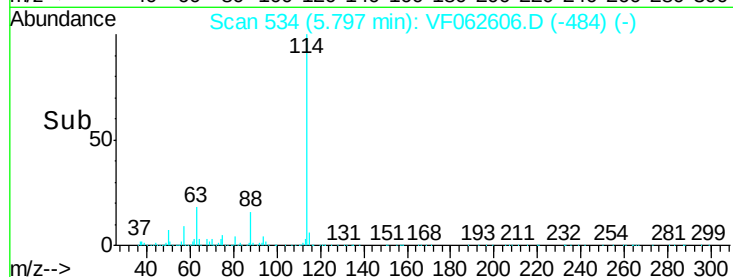
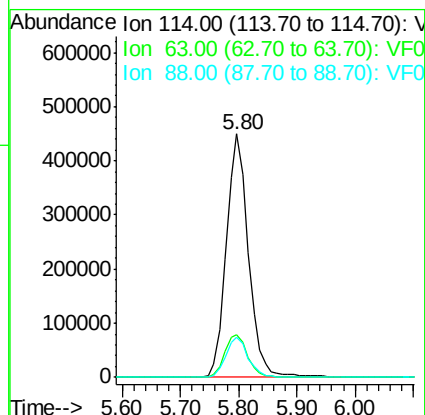
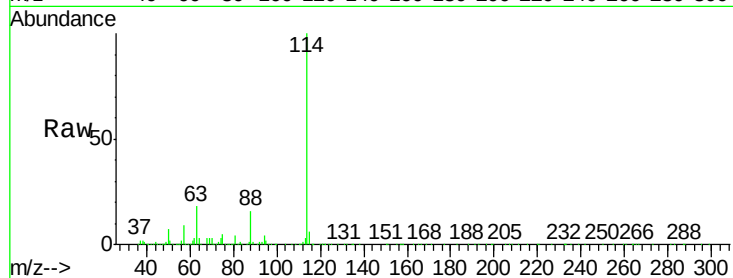




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.80 min Scan# 534
 Delta R.T. -0.01 min
 Lab File: VF062606.D
 Acq: 15 May 2019 13:59

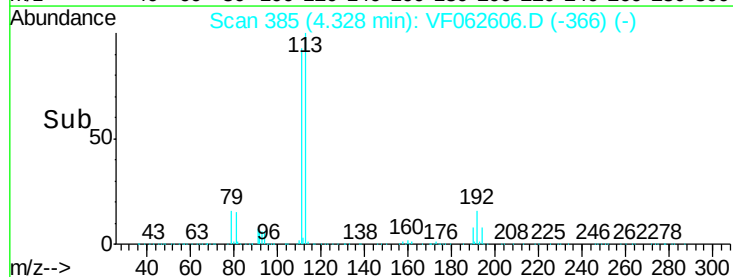
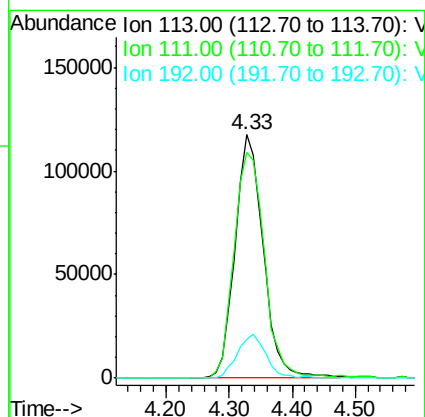
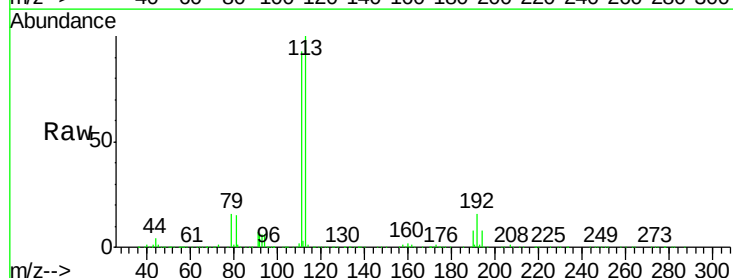
Instrument :
 MSVOA_F
 ClientSampleId :
 OILY-STONES

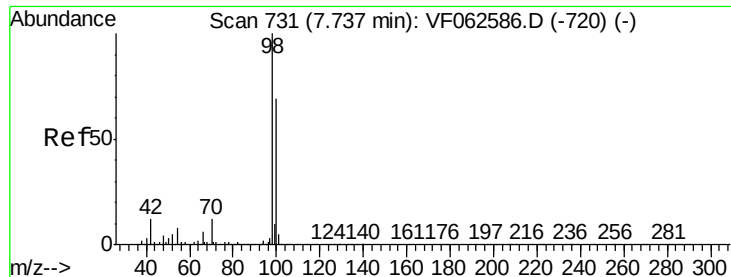
Tot Ion:114 Resp: 1184525
 Ion Ratio Lower Upper
 114 100
 63 17.7 0.0 34.6
 88 16.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 41.190 ug/l
 RT: 4.33 min Scan# 385
 Delta R.T. -0.01 min
 Lab File: VF062606.D
 Acq: 15 May 2019 13:59

Tgt Ion:113 Resp: 363141
 Ion Ratio Lower Upper
 113 100
 111 92.6 83.9 125.9
 192 16.2 13.7 20.5





#50

Toluene-d8

Concen: 36.135 ug/l

RT: 7.73 min Scan# 730

Delta R.T. -0.01 min

Lab File: VF062606.D

Acq: 15 May 2019 13:59

Instrument :

MSVOA_F

ClientSampleId :

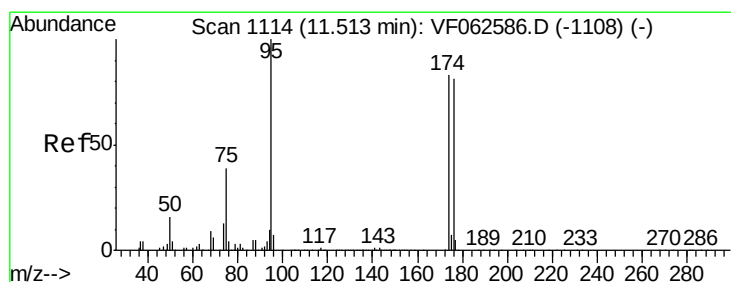
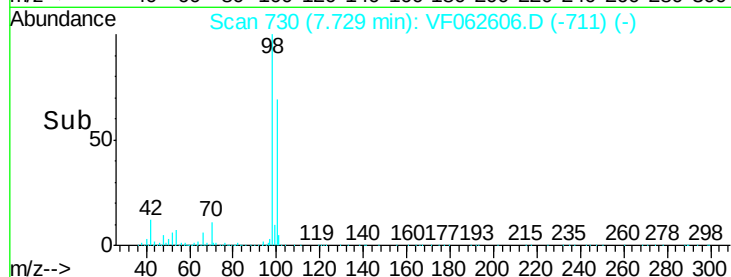
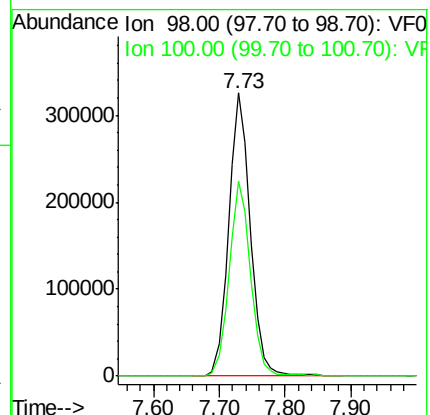
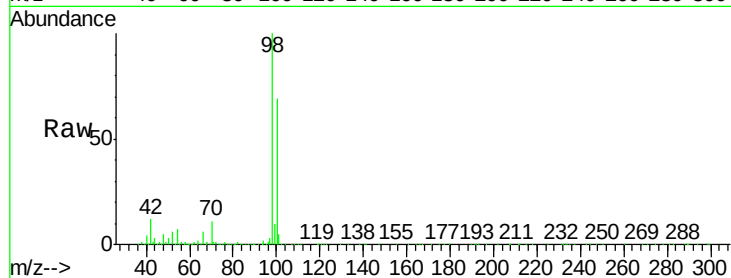
OILY-STONES

Tot Ion: 98 Resp: 750693

Ion Ratio Lower Upper

98 100

100 68.9 55.4 83.0



#62

4-Bromofluorobenzene

Concen: 36.485 ug/l

RT: 11.50 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VF062606.D

Acq: 15 May 2019 13:59

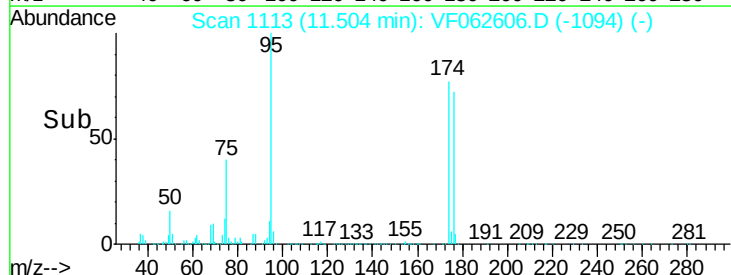
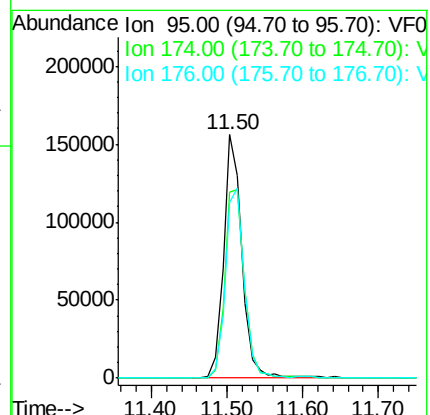
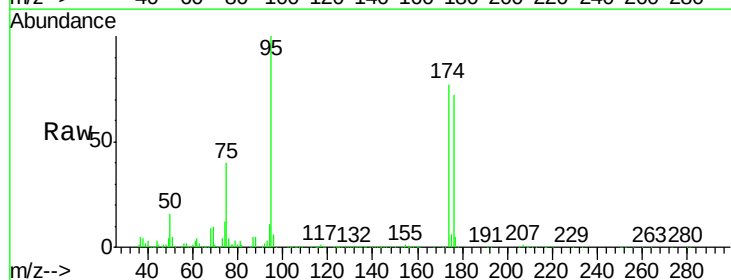
Tgt Ion: 95 Resp: 264709

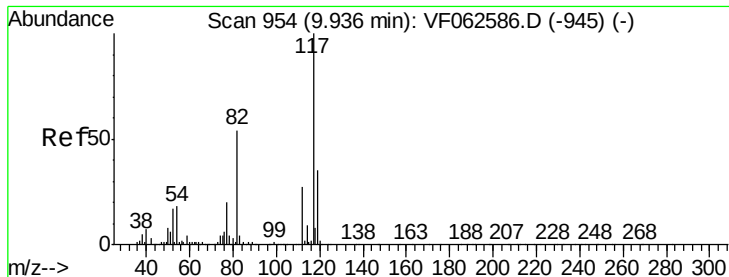
Ion Ratio Lower Upper

95 100

174 76.6 0.0 166.6

176 72.0 0.0 161.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.93 min Scan# 953

Delta R.T. -0.01 min

Lab File: VF062606.D

Acq: 15 May 2019 13:59

Instrument :

MSVOA_F

ClientSampleId :

OILY-STONES

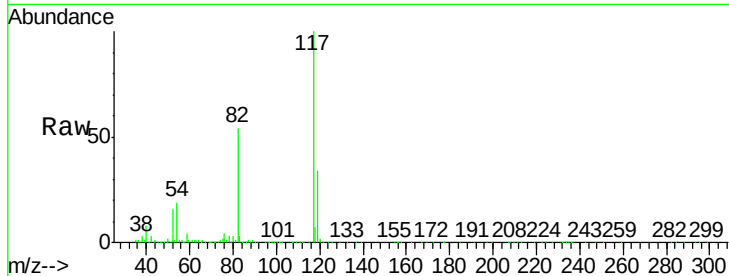
Tot Ion:117 Resp: 830659

Ion Ratio Lower Upper

117 100

82 54.3 43.4 65.0

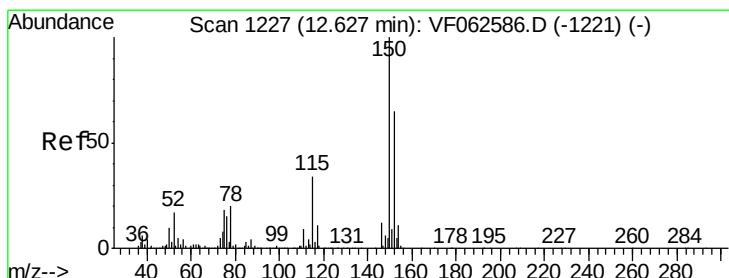
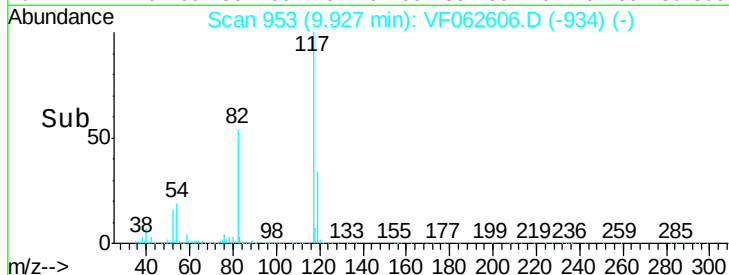
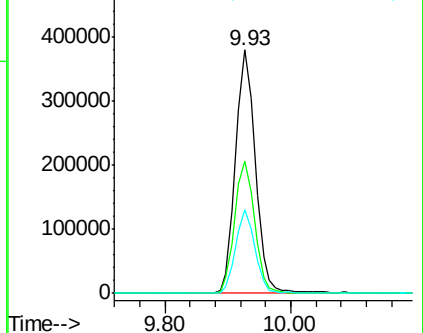
119 34.1 27.7 41.5



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.62 min Scan# 1226

Delta R.T. -0.01 min

Lab File: VF062606.D

Acq: 15 May 2019 13:59

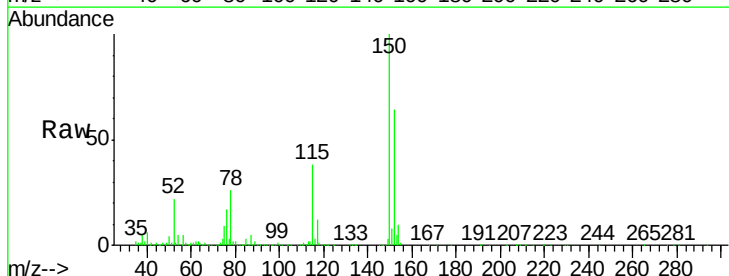
Tgt Ion:152 Resp: 342528

Ion Ratio Lower Upper

152 100

115 59.6 26.2 78.6

150 156.9 0.0 316.0



Abundance Ion 152.00 (151.70 to 152.70): V

Ion 115.00 (114.70 to 115.70): V

Ion 150.00 (149.70 to 150.70): V

