

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF043019\
 Data File : VF062339.D
 Acq On : 30 Apr 2019 18:47
 Operator : FY/SY
 Sample : K2204-05RE
 Misc : 5.5a/5mL/MSVOA F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-043019RE

Quant Time: May 01 04:08:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82F042419S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 25 08:40:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	312065	50.00	ug/l	-0.04
34) 1,4-Difluorobenzene	5.75	114	451801	50.00	ug/l	-0.04
63) Chlorobenzene-d5	9.89	117	332287	50.00	ug/l	-0.03
72) 1,4-Dichlorobenzene-d4	12.60	152	191679	50.00	ug/l	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.01	65	145781	57.67	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	115.34%	
35) Dibromofluoromethane	4.29	113	163301	48.75	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	97.50%	
50) Toluene-d8	7.70	98	321689	39.31	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	78.62%	
62) 4-Bromofluorobenzene	11.48	95	151240	44.84	ug/l	-0.03
Spiked Amount				50.000		
			Recovery	=	89.68%	

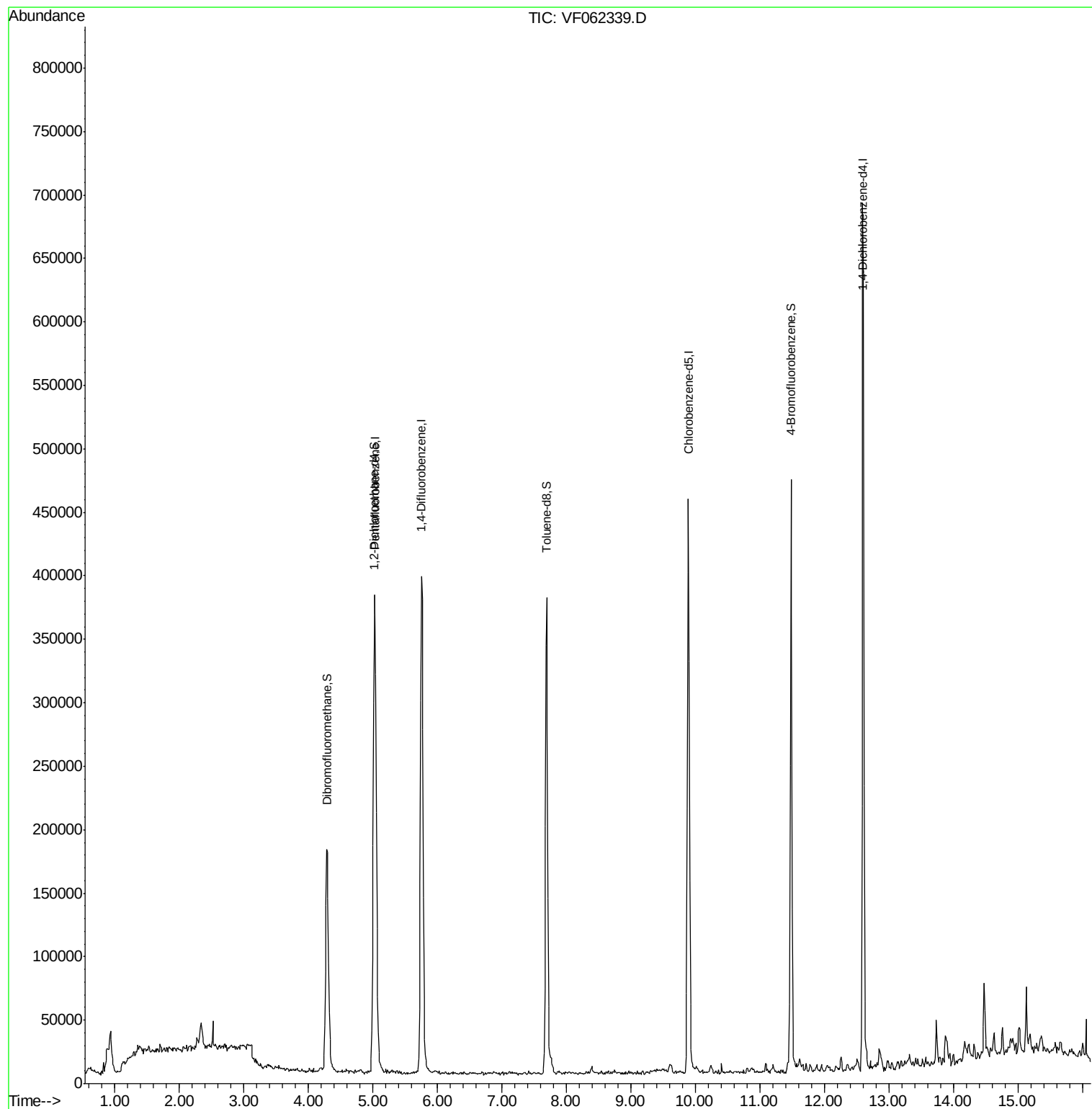
Target Compounds	Qvalue

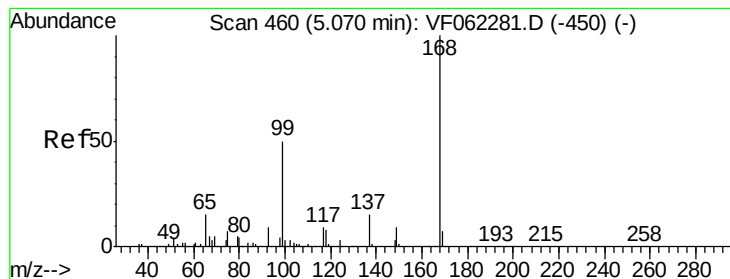
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Apr 25 08:40:59 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 457

Delta R.T. -0.04 min

Lab File: VF062339.D

Acq: 30 Apr 2019 18:47

Instrument :

MSVOA_F

ClientSampleId :

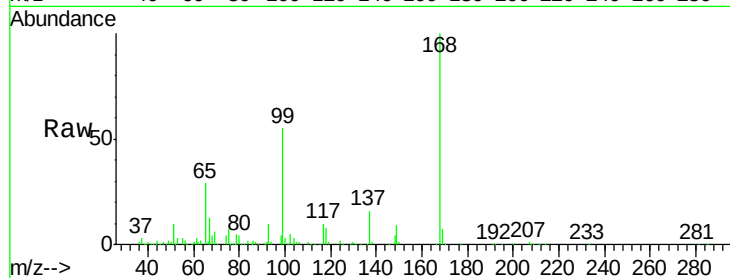
TR-04-043019RE

Tot Ion:168 Resp: 312065

Ion Ratio Lower Upper

168 100

99 55.4 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VF0

5.03

120000

100000

80000

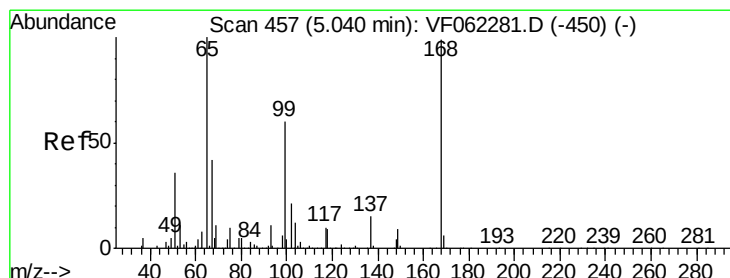
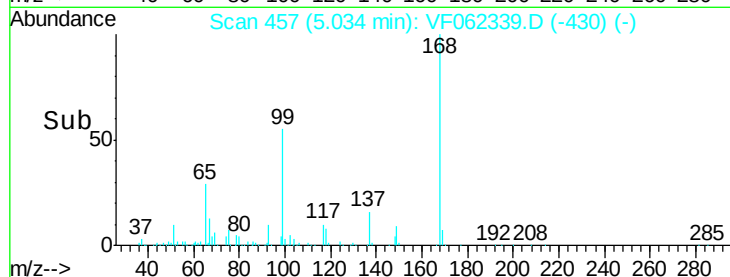
60000

40000

20000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 57.672 ug/l

RT: 5.01 min Scan# 455

Delta R.T. -0.03 min

Lab File: VF062339.D

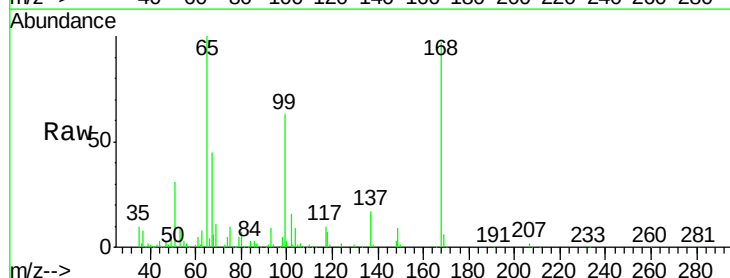
Acq: 30 Apr 2019 18:47

Tgt Ion: 65 Resp: 145781

Ion Ratio Lower Upper

65 100

67 46.4 0.0 98.8



Abundance Ion 64.90 (64.60 to 65.60): VF0

Ion 66.90 (66.60 to 67.60): VF0

5.01

60000

50000

40000

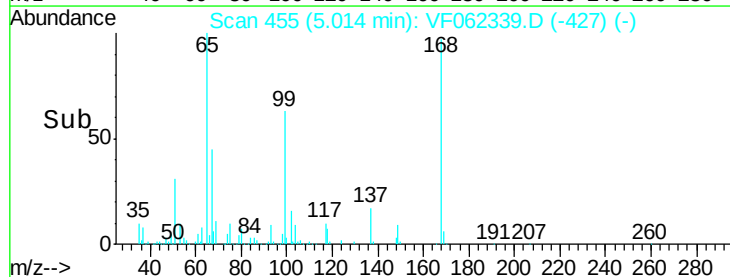
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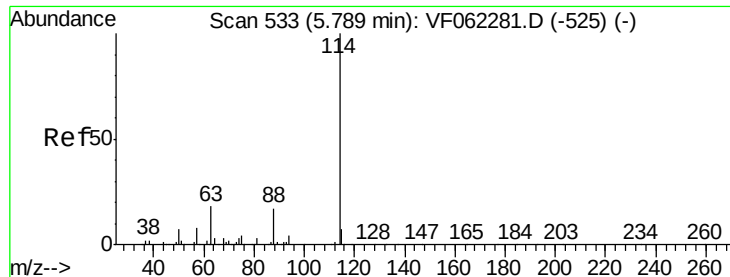
20000

10000

0

Time-->

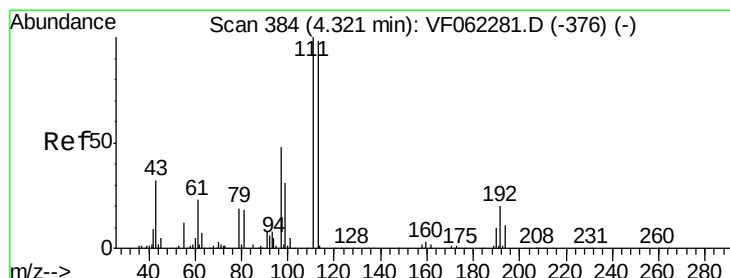
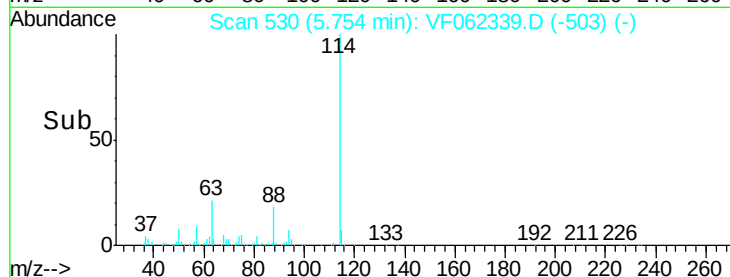
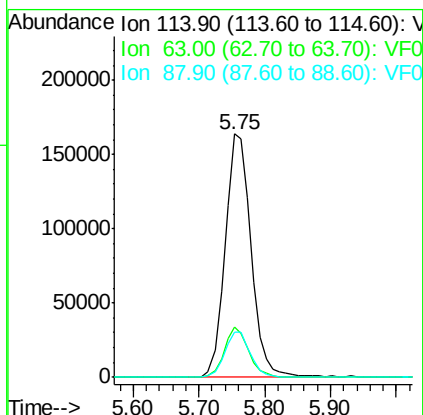
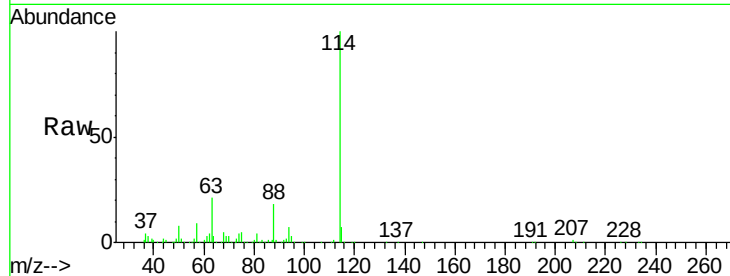




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 530
 Delta R.T. -0.04 min
 Lab File: VF062339.D
 Acq: 30 Apr 2019 18:47

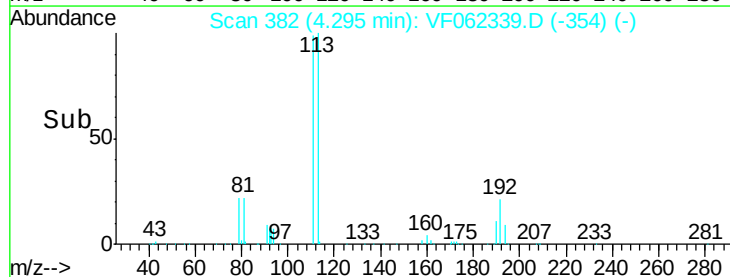
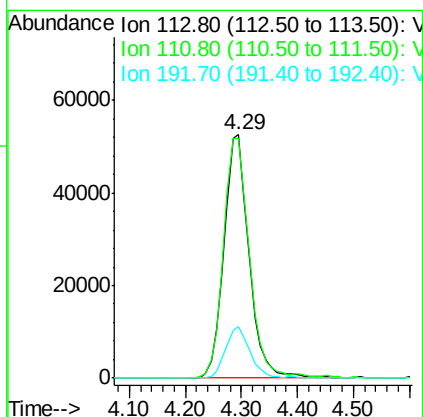
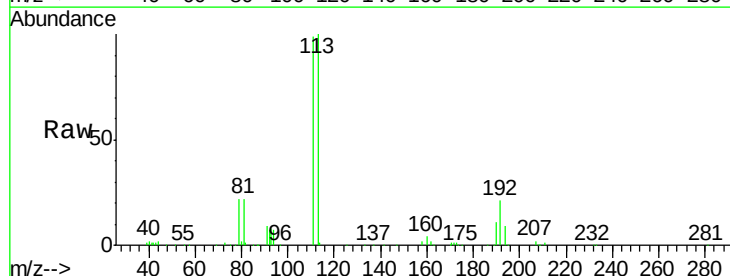
Instrument :
 MSVOA_F
 ClientSampleId :
 TR-04-043019RE

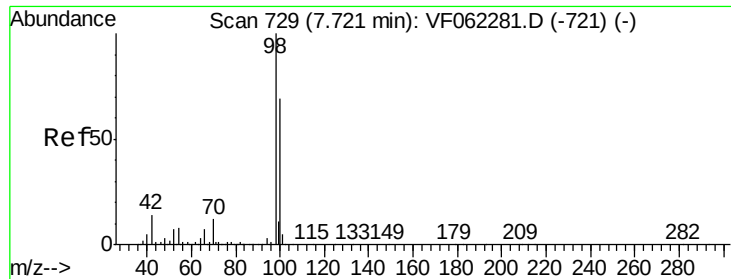
Tot Ion:114	Resp:	451801
Ion	Ratio	Lower Upper
114	100	
63	20.8	0.0 35.6
88	18.4	0.0 34.6



#35
 Dibromofluoromethane
 Concen: 48.748 ug/l
 RT: 4.29 min Scan# 382
 Delta R.T. -0.03 min
 Lab File: VF062339.D
 Acq: 30 Apr 2019 18:47

Tgt Ion:113	Resp:	163301
Ion	Ratio	Lower Upper
113	100	
111	102.2	81.4 122.2
192	20.8	17.0 25.4





#50

Toluene-d8

Concen: 39.314 ug/l

RT: 7.70 min Scan# 727

Delta R.T. -0.03 min

Lab File: VF062339.D

Acq: 30 Apr 2019 18:47

Instrument :

MSVOA_F

ClientSampleId :

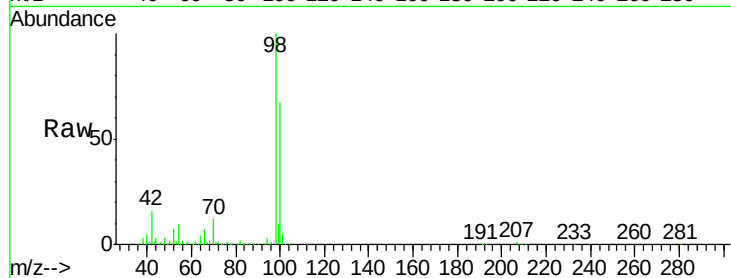
TR-04-043019RE

Tot Ion: 98 Resp: 321689

Ion Ratio Lower Upper

98 100

100 67.0 54.4 81.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.70

150000

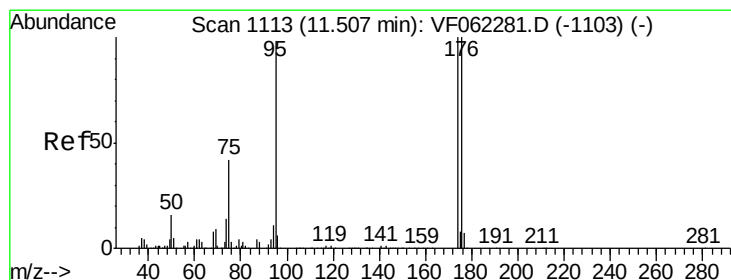
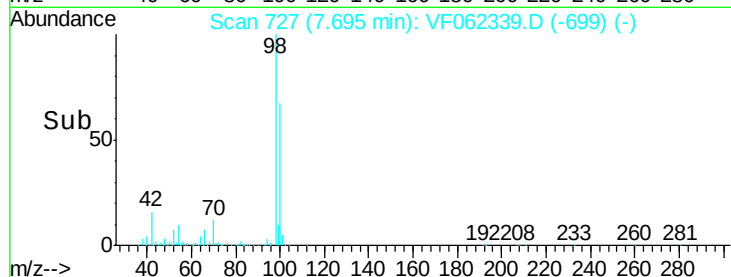
100000

50000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 44.843 ug/l

RT: 11.48 min Scan# 1111

Delta R.T. -0.03 min

Lab File: VF062339.D

Acq: 30 Apr 2019 18:47

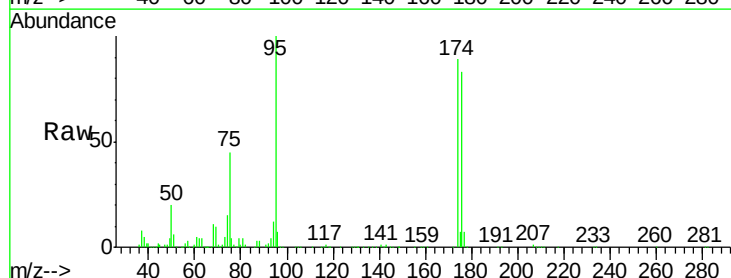
Tgt Ion: 95 Resp: 151240

Ion Ratio Lower Upper

95 100

174 94.6 0.0 185.2

176 93.2 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VF0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.48

120000

100000

80000

60000

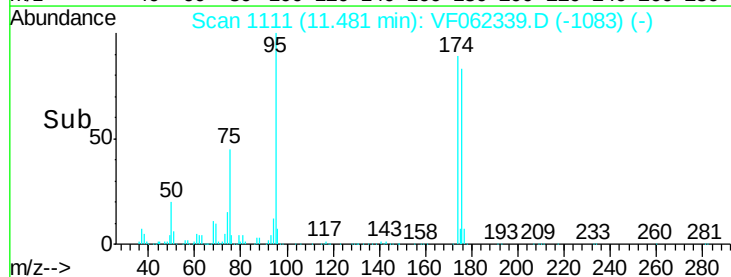
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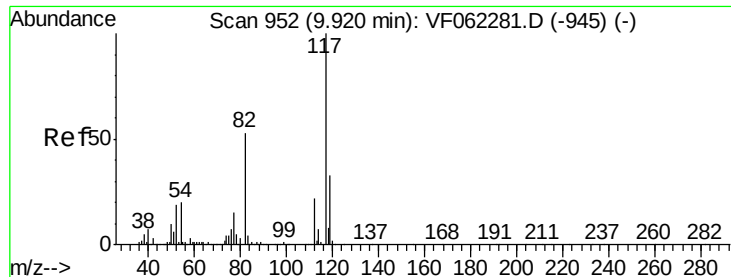
20000

0

Time-->

11.40 11.50 11.60

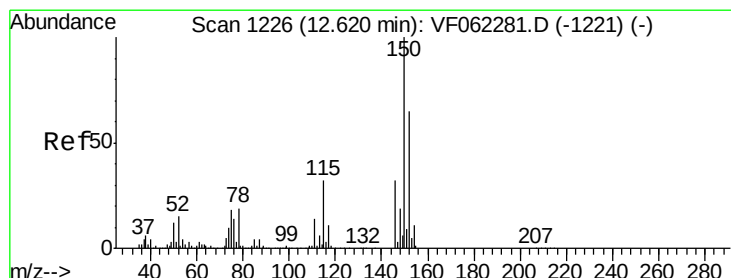
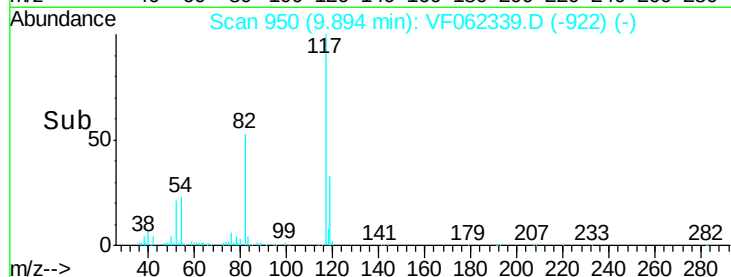
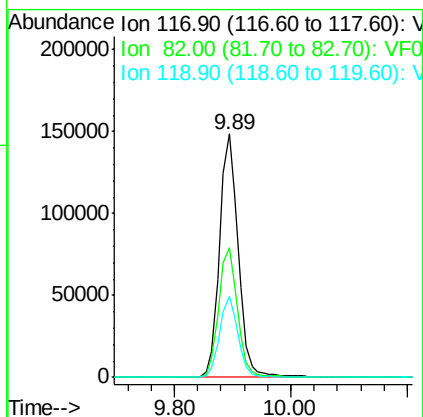
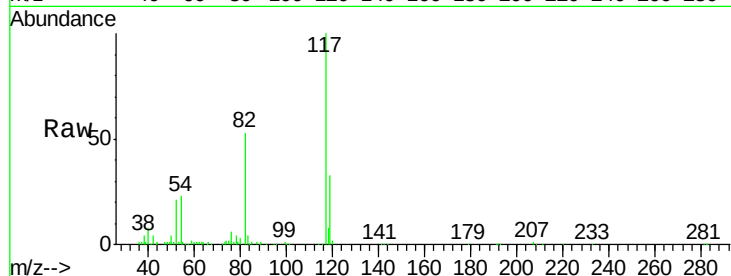




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.89 min Scan# 950
Delta R.T. -0.03 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Instrument :
MSVOA_F
ClientSampleId :
TR-04-043019RE

Tot Ion:117 Resp: 332287
Ion Ratio Lower Upper
117 100
82 53.2 42.6 64.0
119 33.2 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.60 min Scan# 1225
Delta R.T. -0.02 min
Lab File: VF062339.D
Acq: 30 Apr 2019 18:47

Tgt Ion:152 Resp: 191679
Ion Ratio Lower Upper
152 100
115 54.0 25.6 76.8
150 151.0 0.0 330.6

