

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062021.D
 Acq On : 19 Mar 2019 16:40
 Operator : VA/AP
 Sample : K1697-11RE
 Misc : 6.03g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SU-01-031519-BRE

Quant Time: Mar 20 06:04:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 18 07:28:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.85	168	175023	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.58	114	222314	50.00	ug/l	-0.02
63) Chlorobenzene-d5	9.75	117	153637	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	71526	50.00	ug/l	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	4.82	65	38487	30.55	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	61.10%	
35) Dibromofluoromethane	4.10	113	70326	47.11	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	94.22%	
50) Toluene-d8	7.53	98	232004	53.16	ug/l	-0.02
Spiked Amount				50.000		
			Recovery	=	106.32%	
62) 4-Bromofluorobenzene	11.39	95	73709	42.52	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	85.04%	

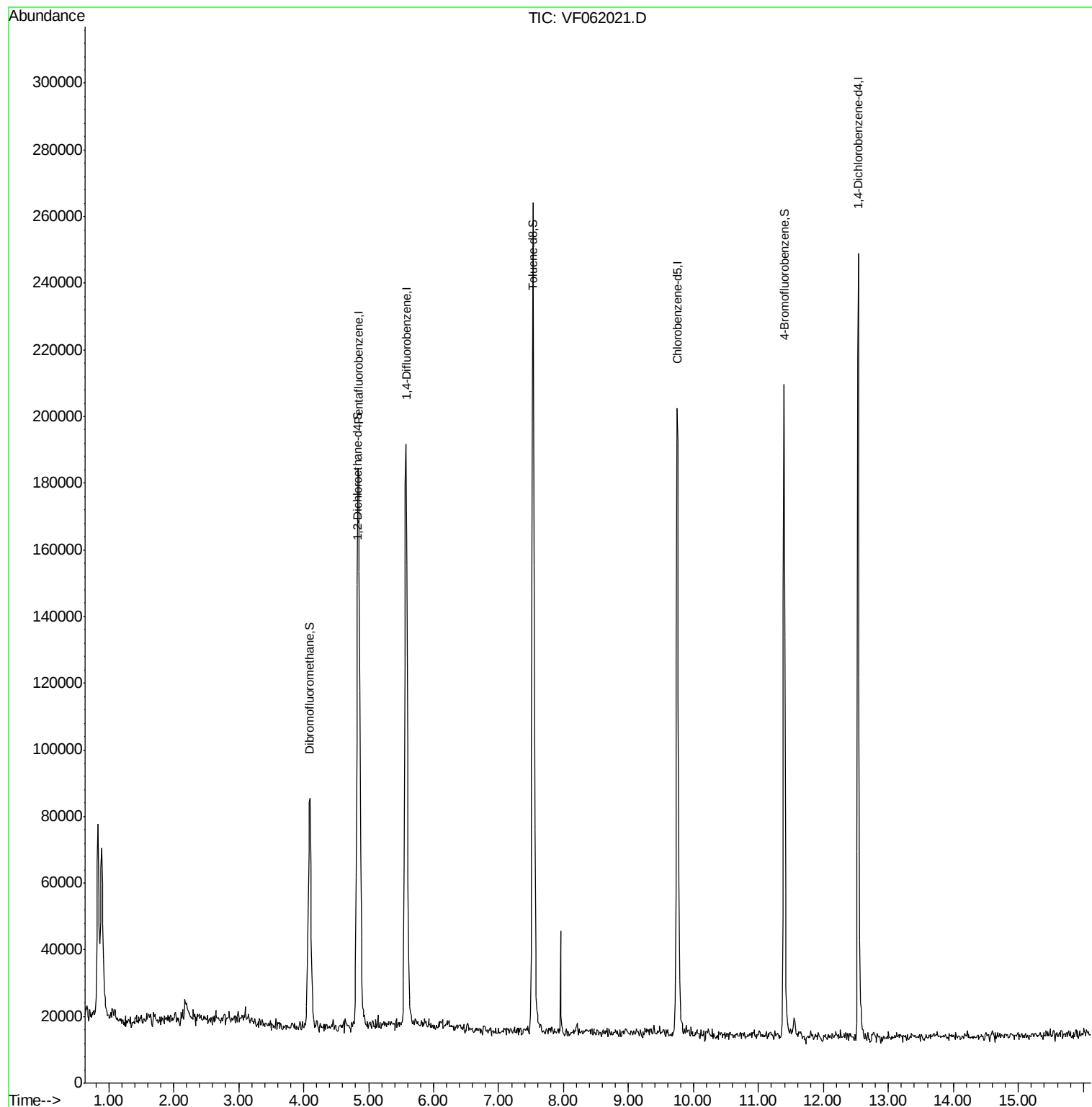
Target Compounds	Qvalue
------------------	--------

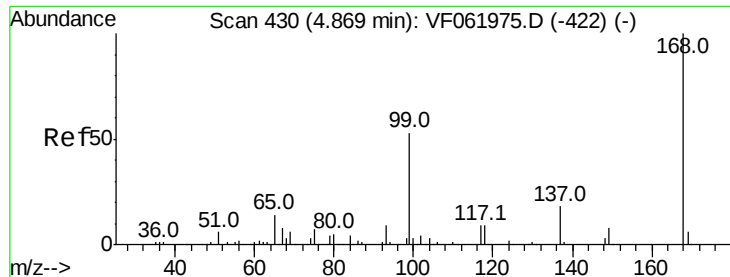
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031919\
Data File : VF062021.D
Acq On : 19 Mar 2019 16:40
Operator : VA/AP
Sample : K1697-11RE
Misc : 6.03q/5mL/MSVOA-F/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
SU-01-031519-BRE

Quant Time: Mar 20 06:04:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 18 07:28:40 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.85 min Scan# 428

Delta R.T. -0.02 min

Lab File: VF062021.D

Acq: 19 Mar 2019 16:40

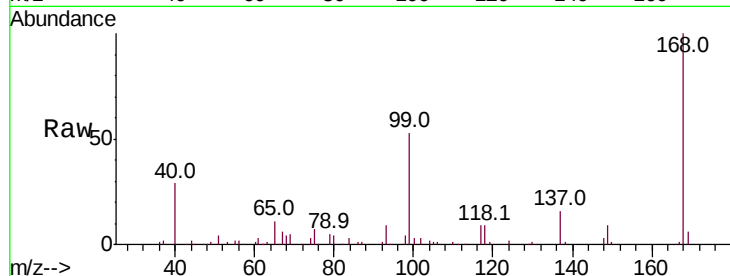
Instrument :
MSVOA_F
ClientSampleId :
SU-01-031519-BRE

Tot Ion:168 Resp: 175023

Ion Ratio Lower Upper

168 100

99 52.7 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.85

60000

50000

40000

30000

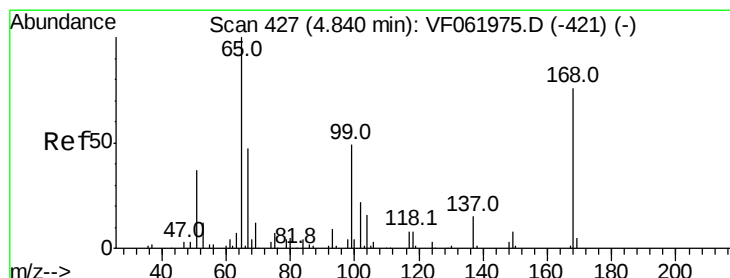
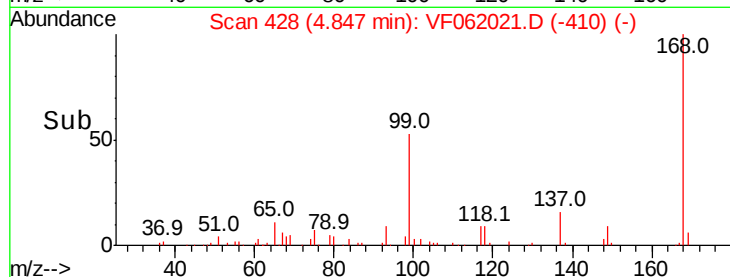
20000

10000

0

Time-->

4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 30.548 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062021.D

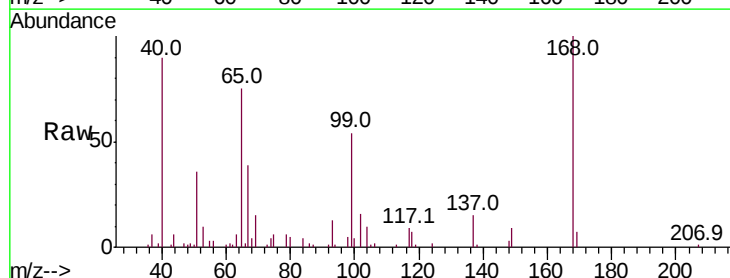
Acq: 19 Mar 2019 16:40

Tgt Ion: 65 Resp: 38487

Ion Ratio Lower Upper

65 100

67 52.0 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

15000

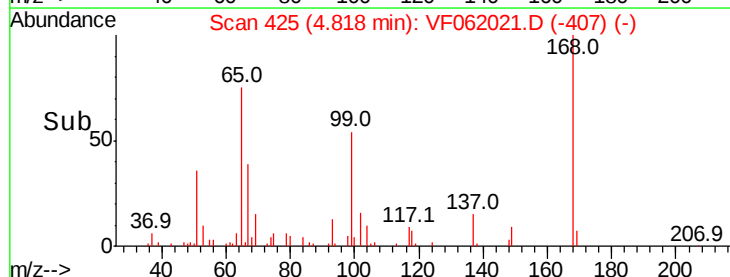
10000

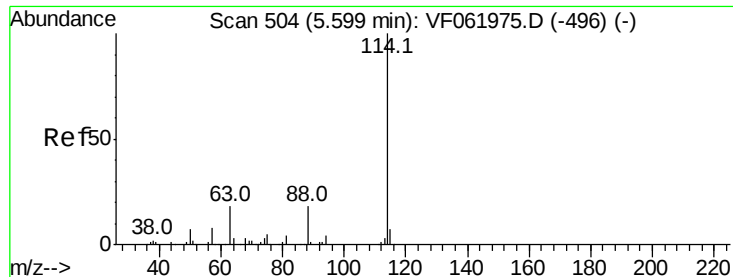
5000

0

Time-->

4.70 4.80 4.90 5.00

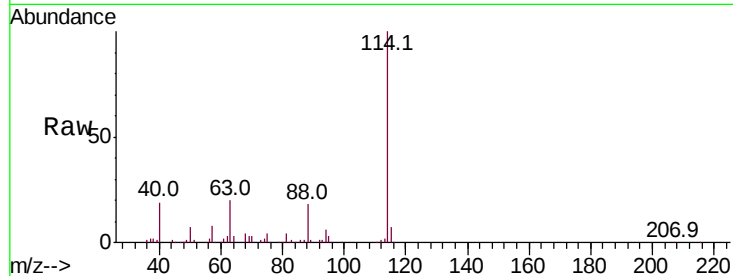




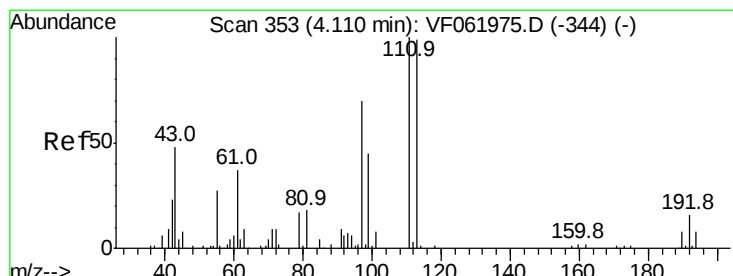
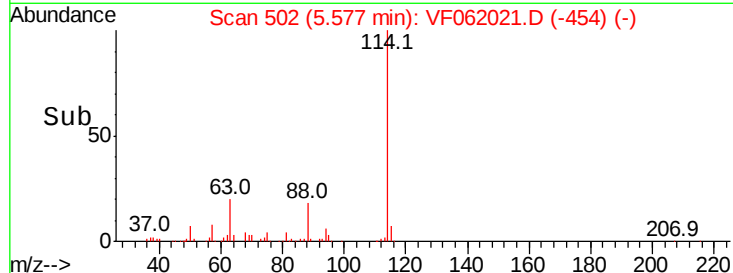
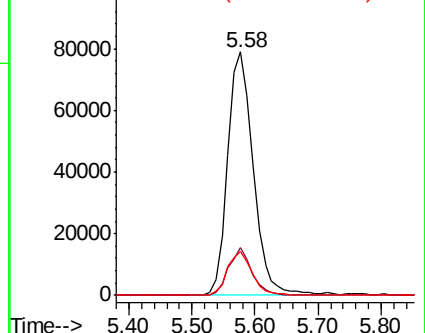
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.58 min Scan# 502
Delta R.T. -0.02 min
Lab File: VF062021.D
Acq: 19 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
SU-01-031519-BRE

Tot Ion:114 Resp: 222314
Ion Ratio Lower Upper
114 100
63 19.6 0.0 36.4
88 17.9 0.0 36.4

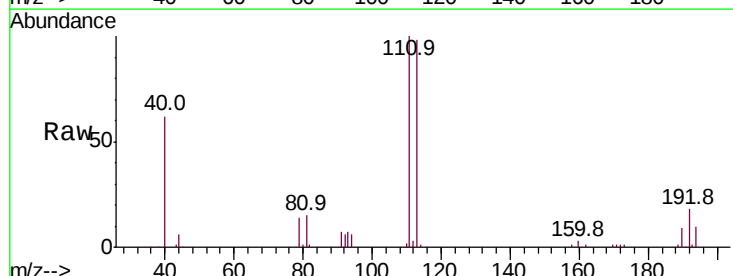


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

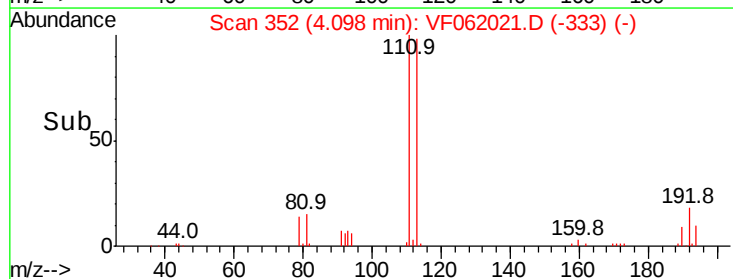
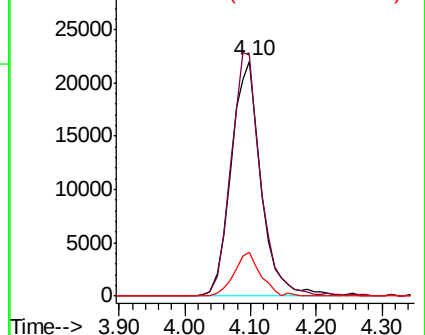


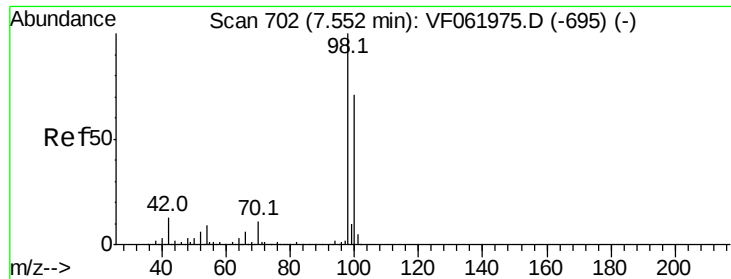
#35
Dibromofluoromethane
Concen: 47.108 ug/l
RT: 4.10 min Scan# 352
Delta R.T. -0.01 min
Lab File: VF062021.D
Acq: 19 Mar 2019 16:40

Tgt Ion:113 Resp: 70326
Ion Ratio Lower Upper
113 100
111 102.4 80.8 121.2
192 18.5 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





#50

Toluene-d8

Concen: 53.162 ug/l

RT: 7.53 min Scan# 700

Delta R.T. -0.02 min

Lab File: VF062021.D

Acq: 19 Mar 2019 16:40

Instrument :

MSVOA_F

ClientSampleId :

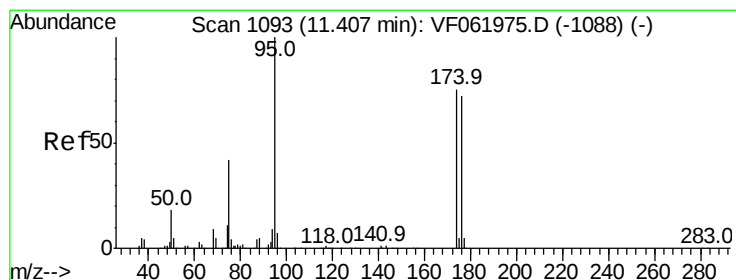
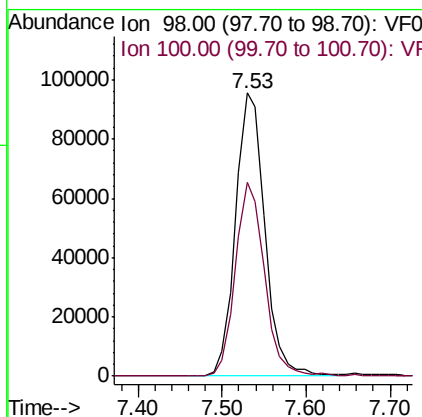
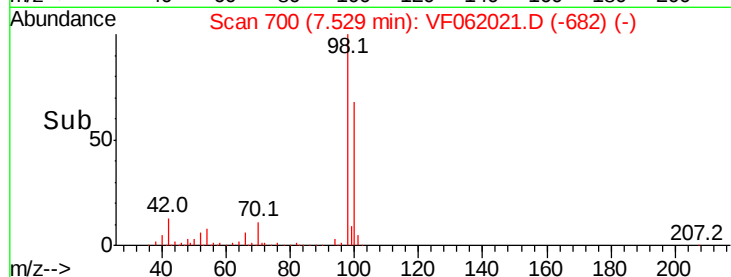
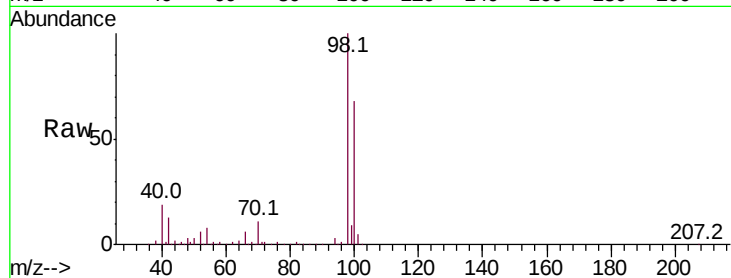
SU-01-031519-BRE

Tot Ion: 98 Resp: 232004

Ion Ratio Lower Upper

98 100

100 68.3 56.8 85.2



#62

4-Bromofluorobenzene

Concen: 42.515 ug/l

RT: 11.39 min Scan# 1092

Delta R.T. -0.01 min

Lab File: VF062021.D

Acq: 19 Mar 2019 16:40

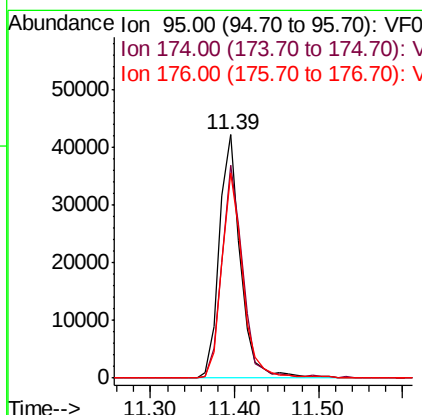
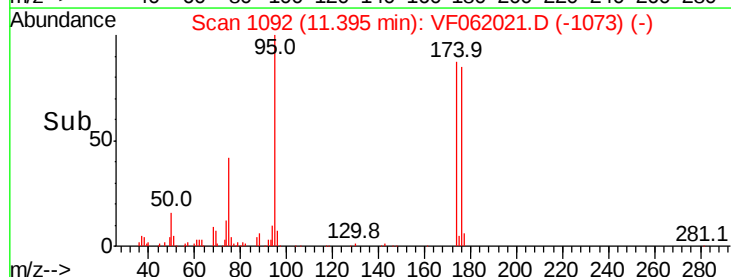
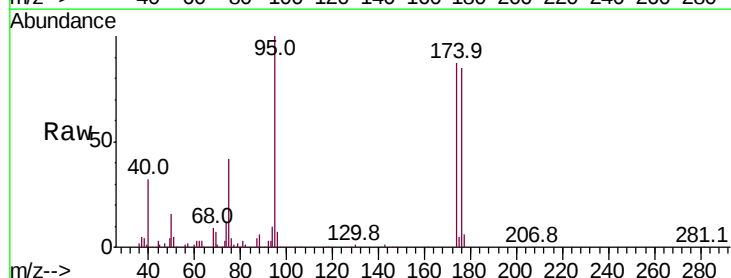
Tgt Ion: 95 Resp: 73709

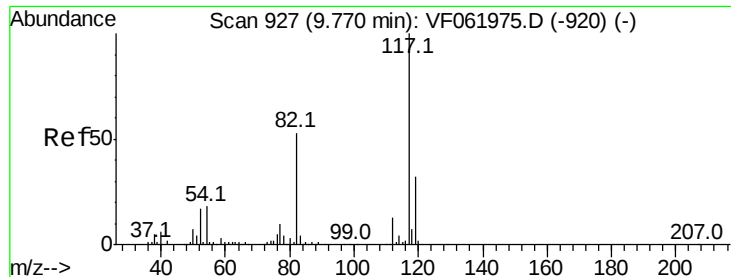
Ion Ratio Lower Upper

95 100

174 87.4 0.0 149.4

176 84.5 0.0 143.4

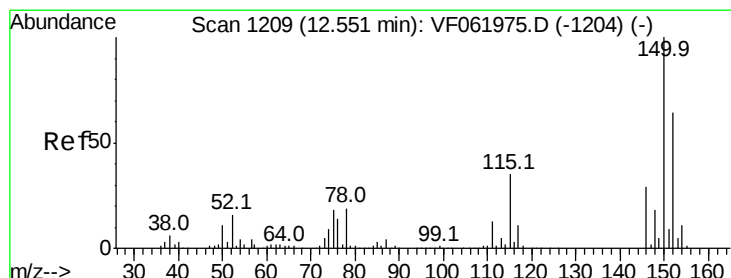
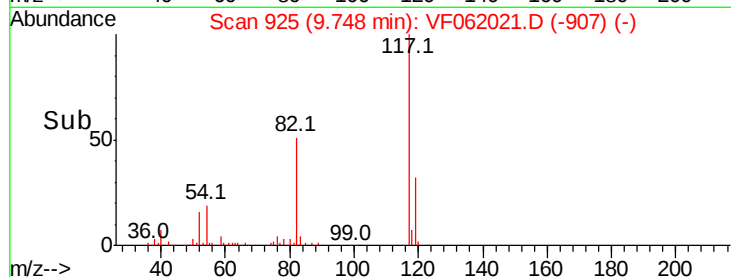
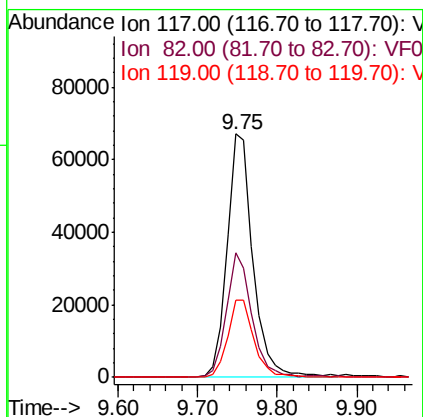
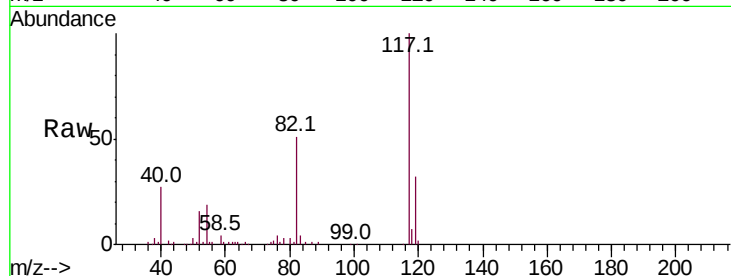




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.75 min Scan# 925
Delta R.T. -0.02 min
Lab File: VF062021.D
Acq: 19 Mar 2019 16:40

Instrument :
MSVOA_F
ClientSampleId :
SU-01-031519-BRE

Tot Ion:117 Resp: 153637
Ion Ratio Lower Upper
117 100
82 51.1 42.5 63.7
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.54 min Scan# 1208
Delta R.T. -0.01 min
Lab File: VF062021.D
Acq: 19 Mar 2019 16:40

Tgt Ion:152 Resp: 71526
Ion Ratio Lower Upper
152 100
115 53.5 27.3 81.9
150 149.3 0.0 316.2

