

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF032119\
 Data File : VF062065.D
 Acq On : 21 Mar 2019 17:23
 Operator : VA/AP
 Sample : K2018-03
 Misc : 5.71g/5mL/MSVOA-F/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SP-1-B

Quant Time: Mar 22 08:37:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F031619S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 03:22:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.89	168	96390	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	5.61	114	133445	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.79	117	83277	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	12.56	152	43246	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.86	65	24029	34.63	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.26%	
35) Dibromofluoromethane	4.13	113	38611	43.09	ug/l	0.02
Spiked Amount	50.000		Recovery	=	86.18%	
50) Toluene-d8	7.57	98	90394	34.51	ug/l	0.02
Spiked Amount	50.000		Recovery	=	69.02%	
62) 4-Bromofluorobenzene	11.42	95	38324	36.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.66%	

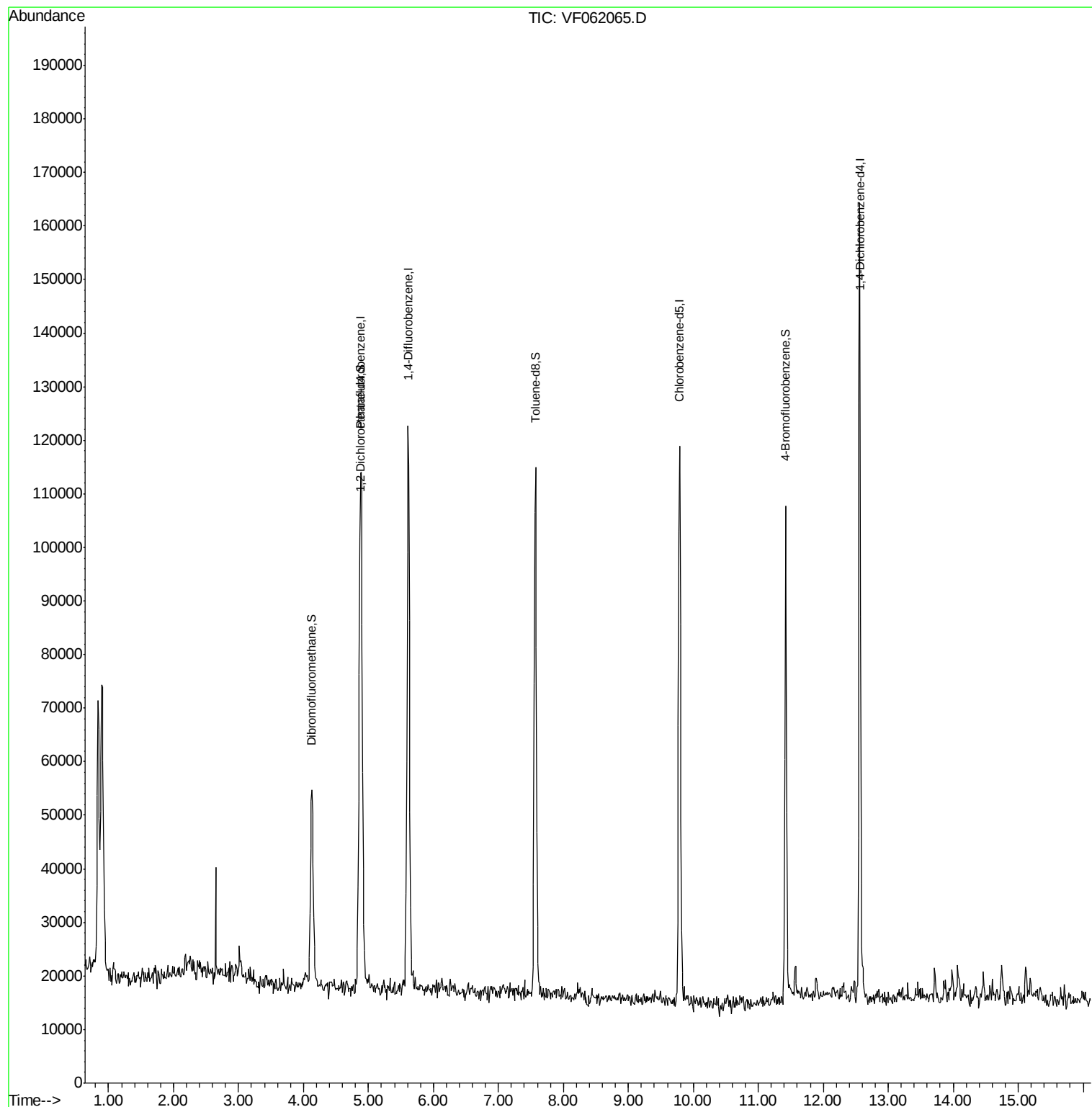
Target Compounds	Qvalue

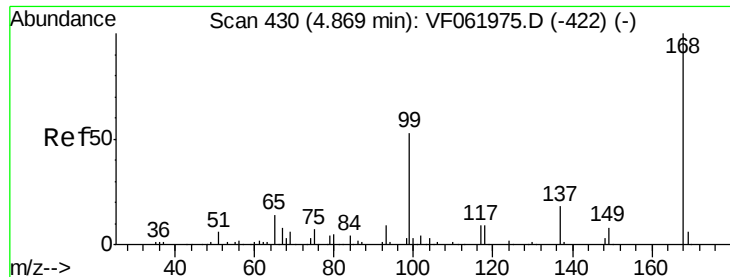
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Mar 22 03:22:44 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.89 min Scan# 432

Delta R.T. 0.02 min

Lab File: VF062065.D

Acq: 21 Mar 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

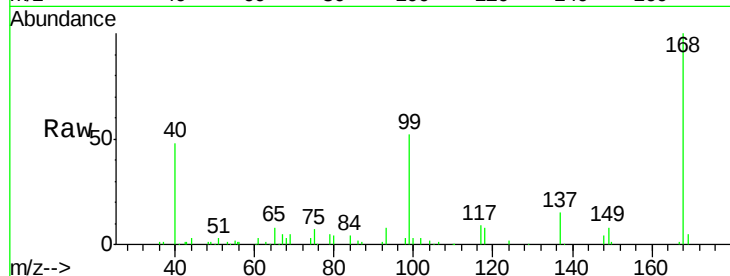
SP-1-B

Tot Ion:168 Resp: 96390

Ion Ratio Lower Upper

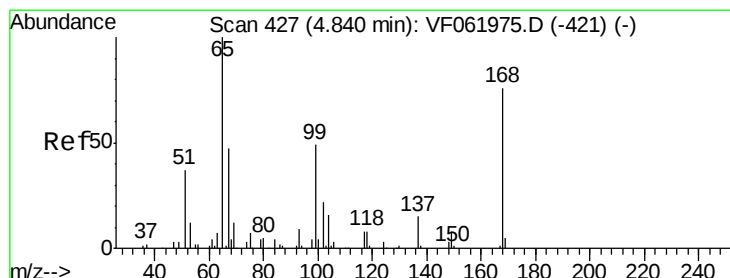
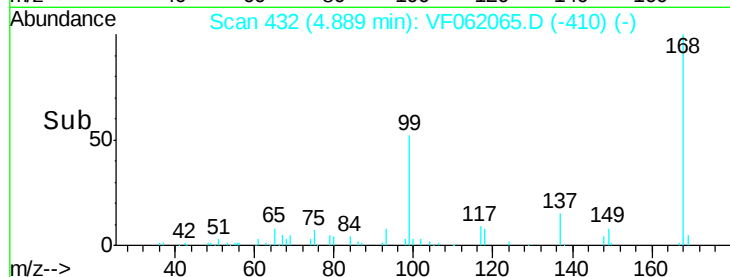
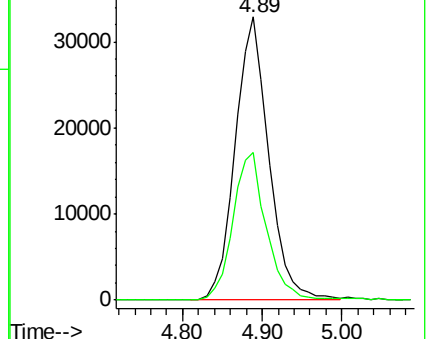
168 100

99 52.0 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 34.631 ug/l

RT: 4.86 min Scan# 429

Delta R.T. 0.02 min

Lab File: VF062065.D

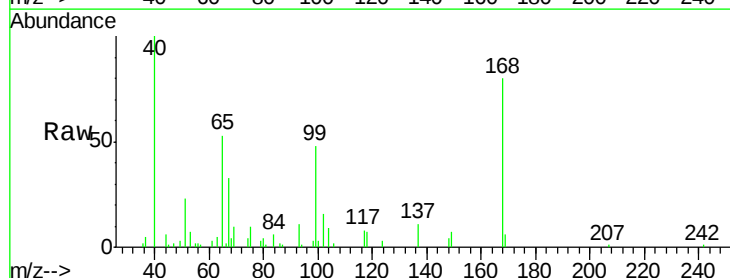
Acq: 21 Mar 2019 17:23

Tgt Ion: 65 Resp: 24029

Ion Ratio Lower Upper

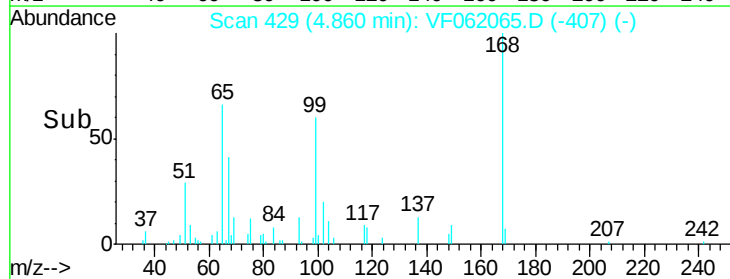
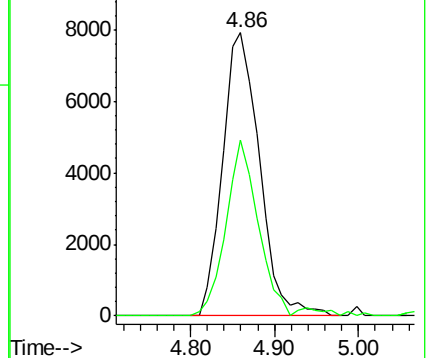
65 100

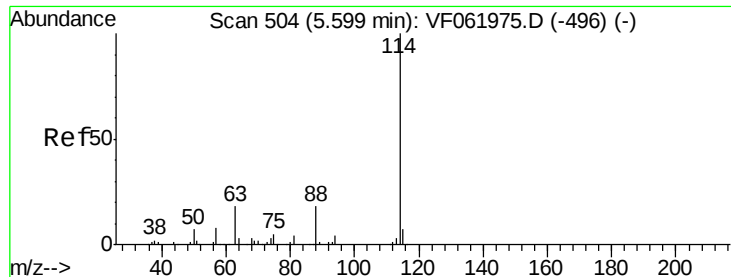
67 62.2 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

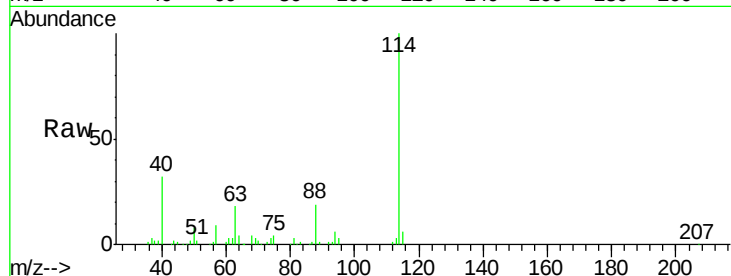




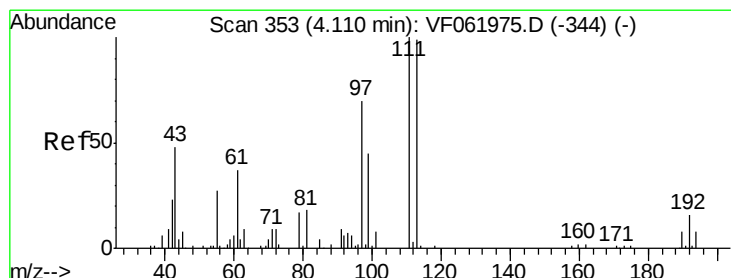
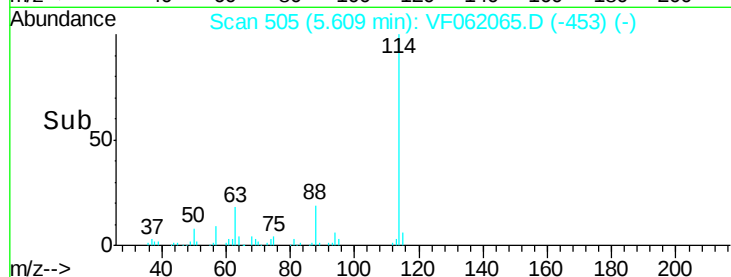
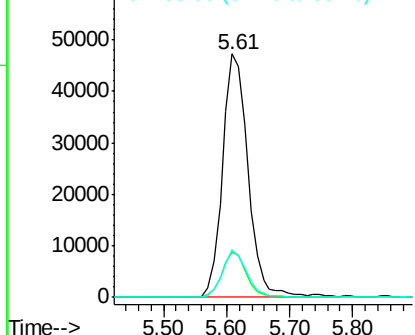
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.61 min Scan# 505
Delta R.T. 0.01 min
Lab File: VF062065.D
Acq: 21 Mar 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tot Ion:114 Resp: 133445
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.4
88 19.4 0.0 36.4

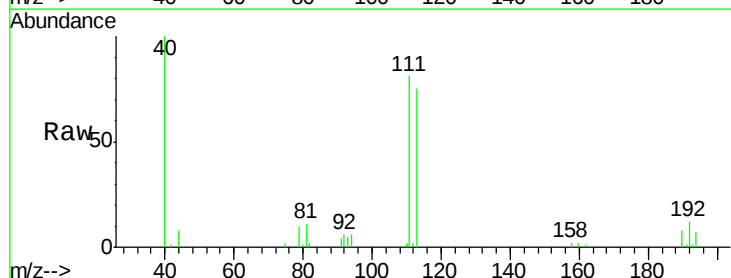


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

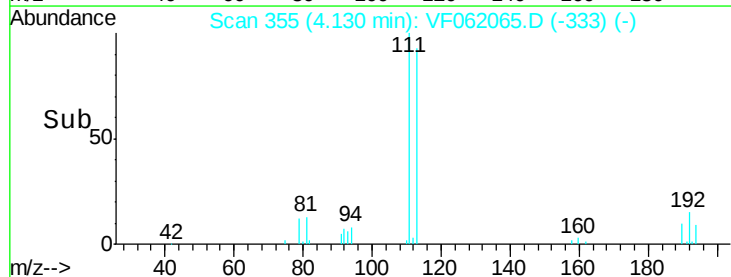
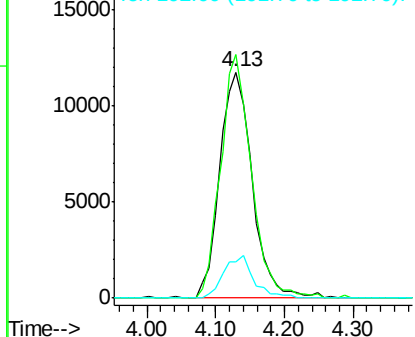


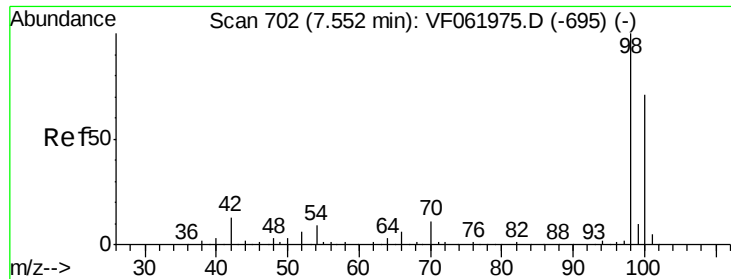
#35
Dibromofluoromethane
Concen: 43.087 ug/l
RT: 4.13 min Scan# 355
Delta R.T. 0.02 min
Lab File: VF062065.D
Acq: 21 Mar 2019 17:23

Tgt Ion:113 Resp: 38611
Ion Ratio Lower Upper
113 100
111 107.6 80.8 121.2
192 17.3 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: 34.507 ug/l

RT: 7.57 min Scan# 704

Delta R.T. 0.02 min

Lab File: VF062065.D

Acq: 21 Mar 2019 17:23

Instrument :

MSVOA_F

ClientSampleId :

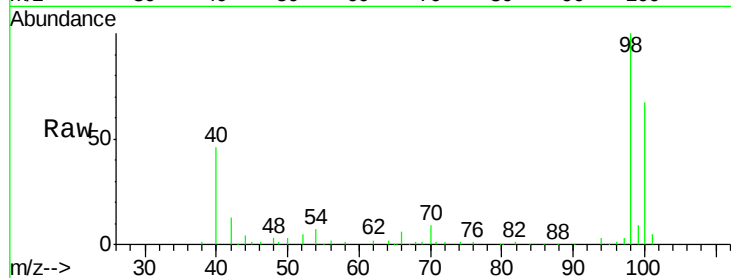
SP-1-B

Tot Ion: 98 Resp: 90394

Ion Ratio Lower Upper

98 100

100 66.5 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF0

7.57

40000

30000

20000

10000

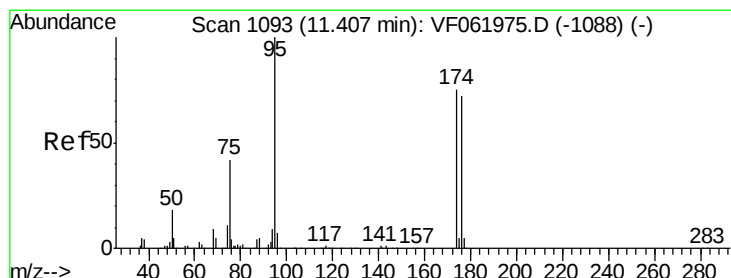
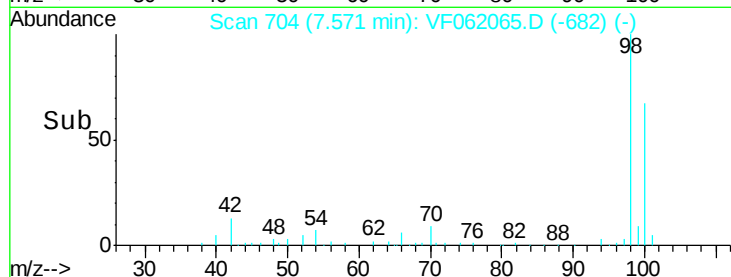
0

Time-->

7.50

7.60

7.70



#62

4-Bromofluorobenzene

Concen: 36.827 ug/l

RT: 11.42 min Scan# 1094

Delta R.T. 0.01 min

Lab File: VF062065.D

Acq: 21 Mar 2019 17:23

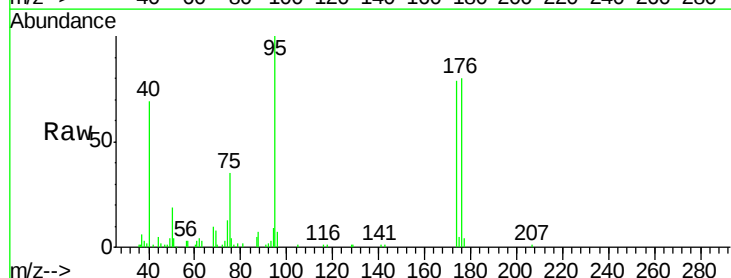
Tgt Ion: 95 Resp: 38324

Ion Ratio Lower Upper

95 100

174 78.9 0.0 149.4

176 79.7 0.0 143.4



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

11.42

25000

20000

15000

10000

5000

0

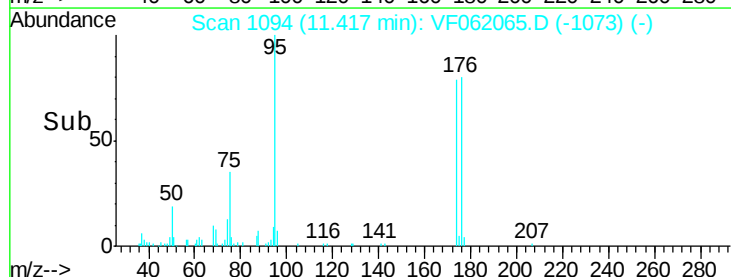
Time-->

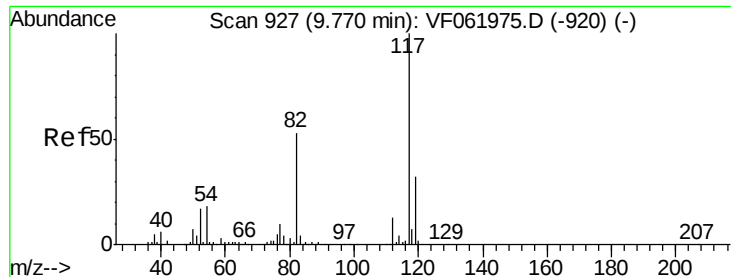
11.30

11.40

11.50

11.60

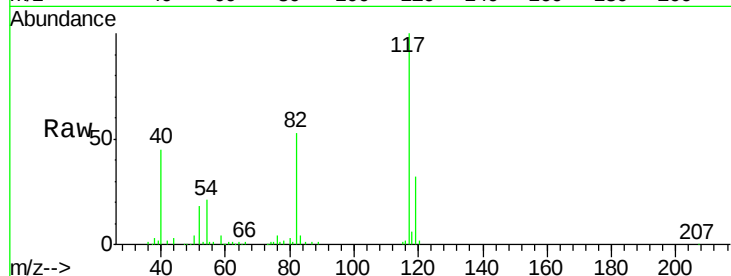




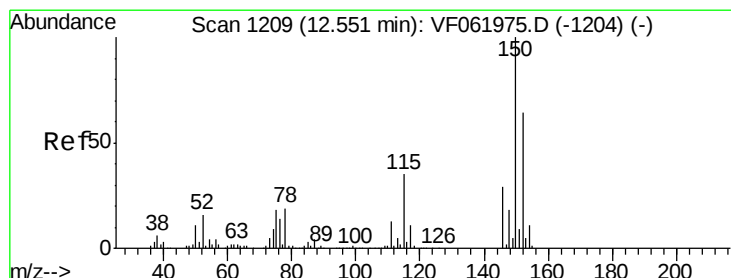
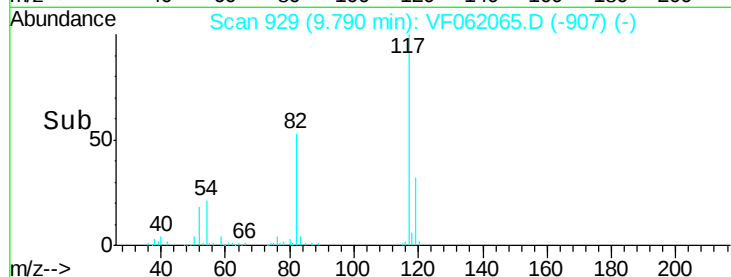
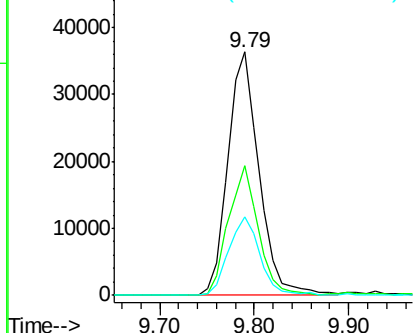
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.79 min Scan# 929
Delta R.T. 0.02 min
Lab File: VF062065.D
Acq: 21 Mar 2019 17:23

Instrument :
MSVOA_F
ClientSampleId :
SP-1-B

Tot Ion	Ratio	Lower	Upper
117	100		
82	53.1	42.5	63.7
119	32.2	25.4	38.0

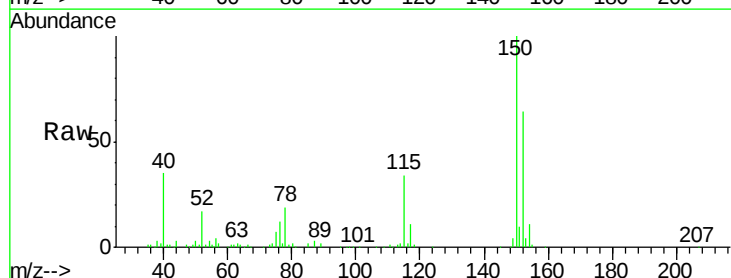


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.56 min Scan# 1210
Delta R.T. 0.01 min
Lab File: VF062065.D
Acq: 21 Mar 2019 17:23

Tgt Ion	Ratio	Lower	Upper
152	100		
115	52.9	27.3	81.9
150	155.8	0.0	316.2



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

