

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF031919\
 Data File : VF062029.D
 Acq On : 19 Mar 2019 20:44
 Operator : VA/AP
 Sample : K1971-04
 Misc : 5.56g/5mL/MSVOA-F/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(7-8)-031519

Quant Time: Mar 20 06:42:09 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

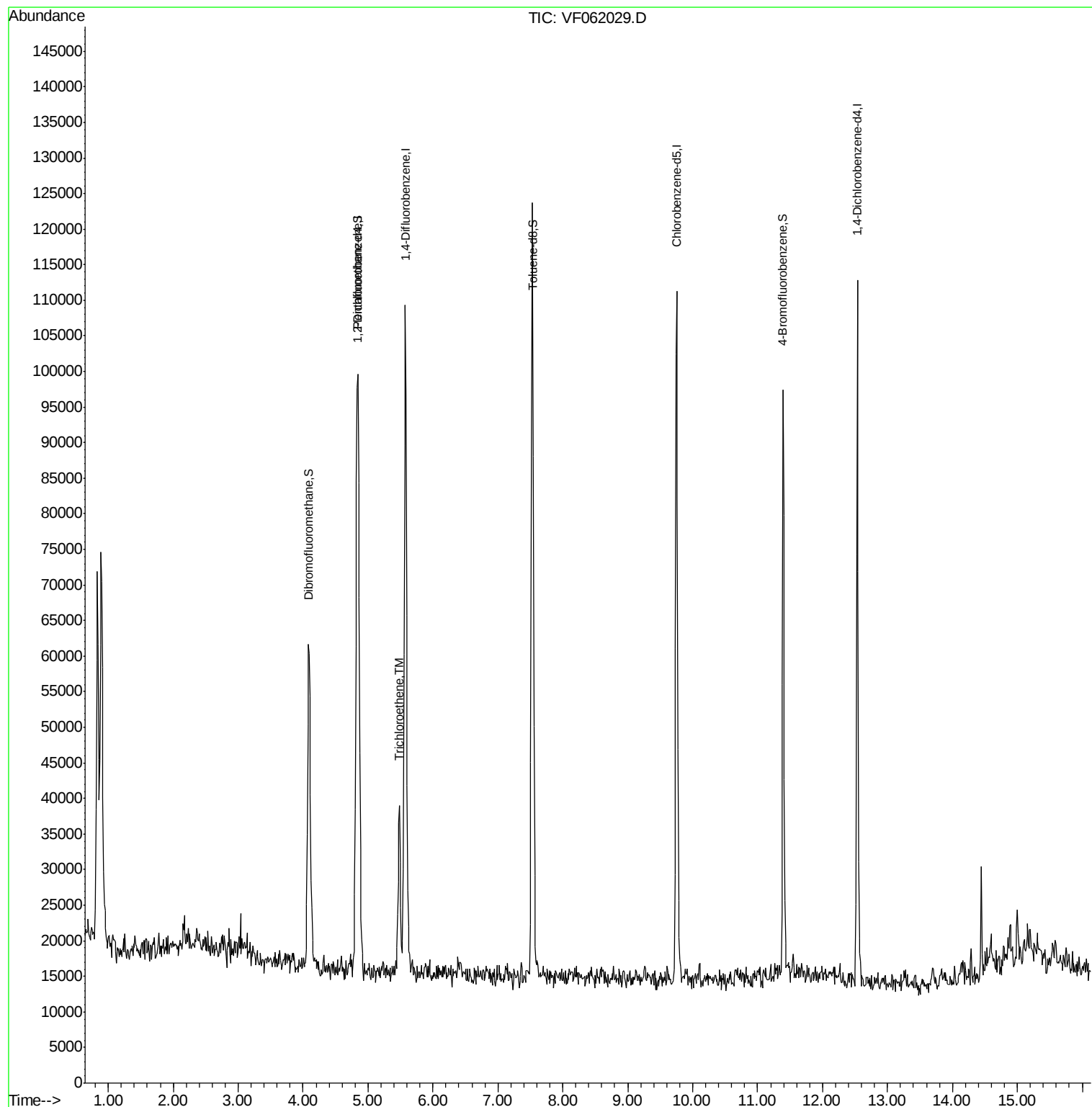
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.84	168	76696	50.00	ug/l	-0.03
34) 1,4-Difluorobenzene	5.57	114	112954	50.00	ug/l	-0.03
63) Chlorobenzene-d5	9.75	117	81584	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.54	152	28250	50.00	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.82	65	32580	59.01	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	118.02%	
35) Dibromofluoromethane	4.09	113	46992	61.95	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	123.90%	
50) Toluene-d8	7.53	98	102353	46.16	ug/l	-0.03
Spiked Amount 50.000			Recovery	=	92.32%	
62) 4-Bromofluorobenzene	11.39	95	32439	36.83	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	73.66%	
Target Compounds						
44) Trichloroethene	5.48	130	12035	14.535	ug/l	Qvalue 92

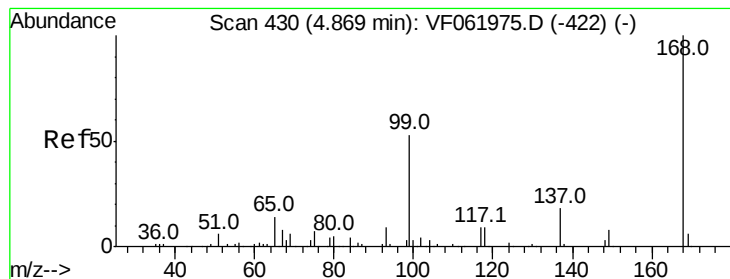
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF031919\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.84 min Scan# 427

Delta R.T. -0.03 min

Lab File: VF062029.D

Acq: 19 Mar 2019 20:44

Instrument :

MSVOA_F

ClientSampleId :

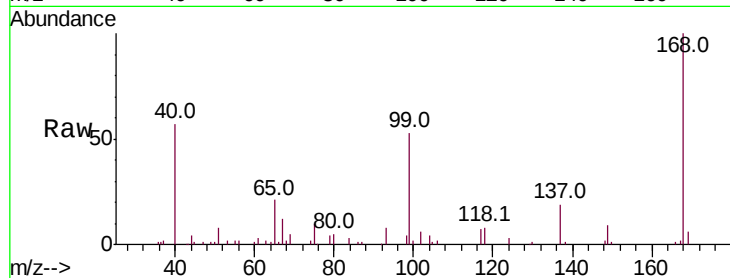
SB-9(7-8)-031519

Tot Ion:168 Resp: 76696

Ion Ratio Lower Upper

168 100

99 52.6 42.4 63.6



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.84

25000

20000

15000

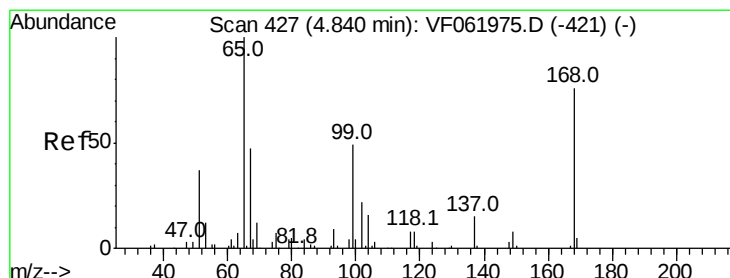
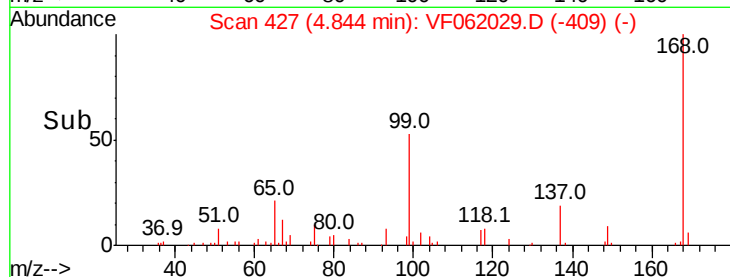
10000

5000

0

Time-->

4.70 4.80 4.90 5.00



#33

1,2-Dichloroethane-d4

Concen: 59.012 ug/l

RT: 4.82 min Scan# 425

Delta R.T. -0.02 min

Lab File: VF062029.D

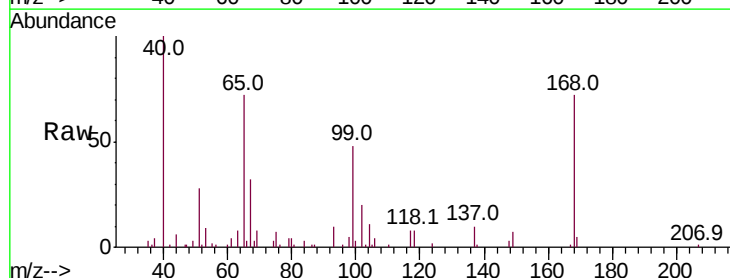
Acq: 19 Mar 2019 20:44

Tgt Ion: 65 Resp: 32580

Ion Ratio Lower Upper

65 100

67 44.9 0.0 109.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.82

12000

10000

8000

6000

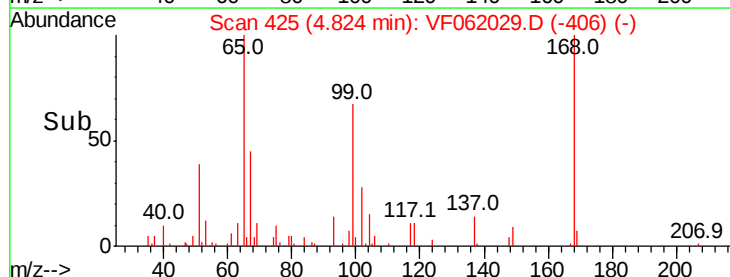
4000

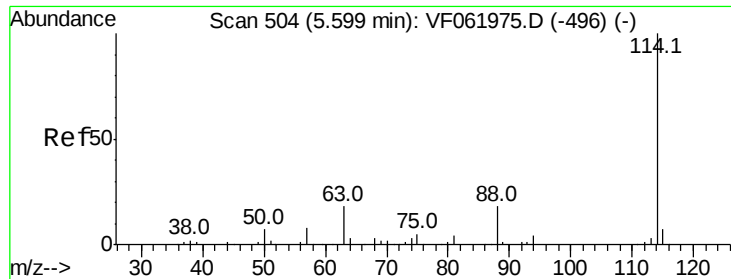
2000

0

Time-->

4.70 4.80 4.90 5.00

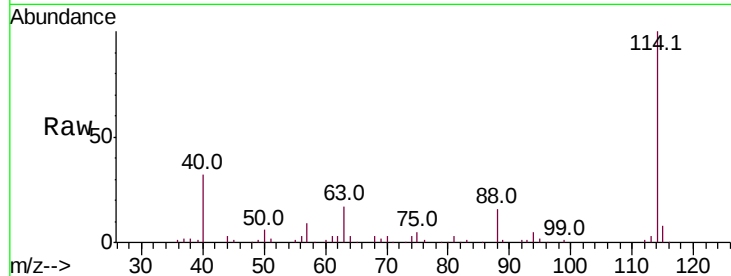




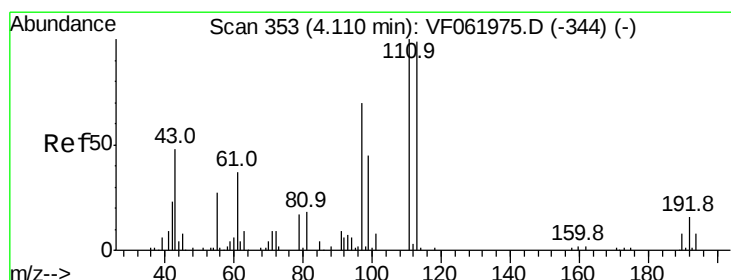
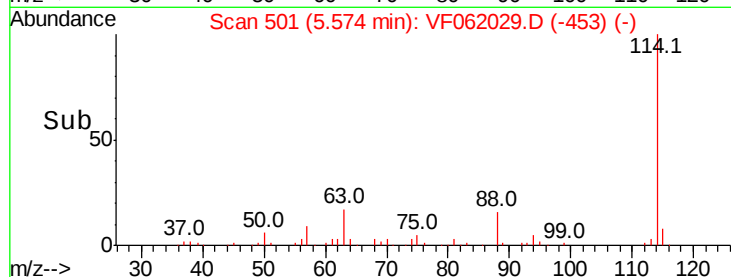
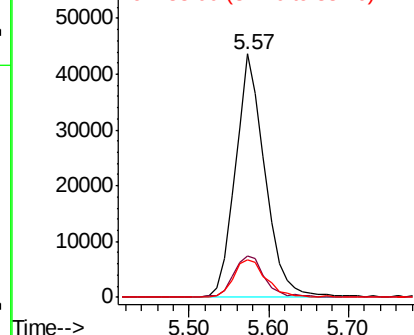
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.57 min Scan# 501
Delta R.T. -0.03 min
Lab File: VF062029.D
Acq: 19 Mar 2019 20:44

Instrument :
MSVOA_F
ClientSampleId :
SB-9(7-8)-031519

Tot Ion:114 Resp: 112954
Ion Ratio Lower Upper
114 100
63 16.9 0.0 36.4
88 15.6 0.0 36.4

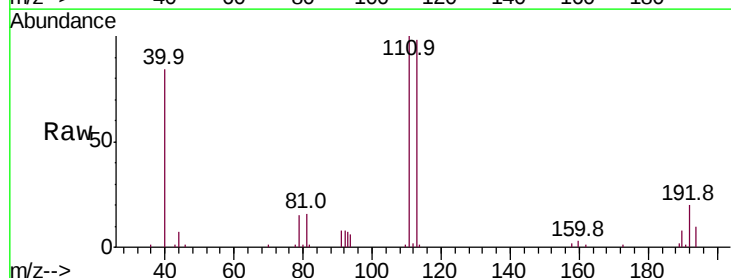


Abundance Ion 114.00 (113.70 to 114.70): V
Ion 63.00 (62.70 to 63.70): VF0
Ion 88.00 (87.70 to 88.70): VF0

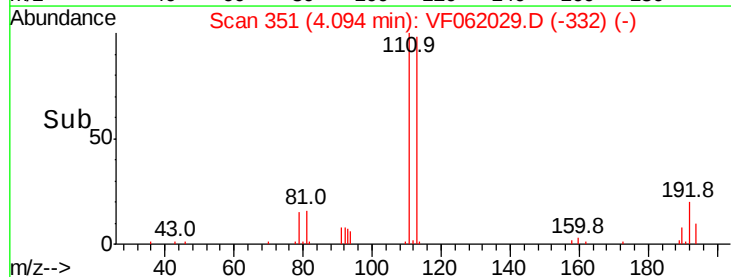
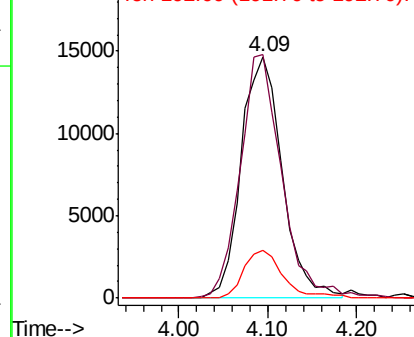


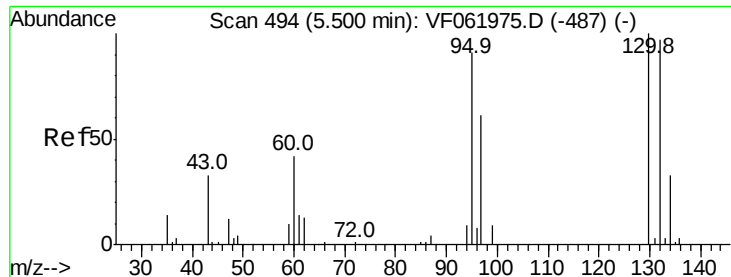
#35
Dibromofluoromethane
Concen: 61.953 ug/l
RT: 4.09 min Scan# 351
Delta R.T. -0.02 min
Lab File: VF062029.D
Acq: 19 Mar 2019 20:44

Tgt Ion:113 Resp: 46992
Ion Ratio Lower Upper
113 100
111 100.8 80.8 121.2
192 19.7 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

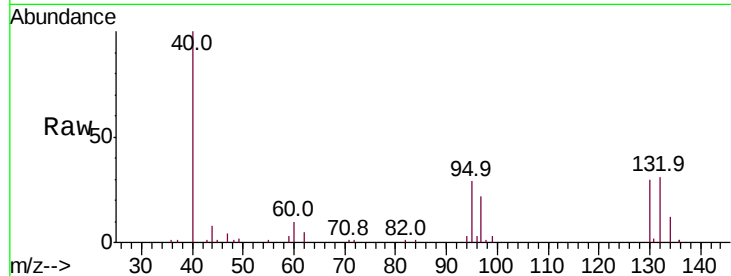




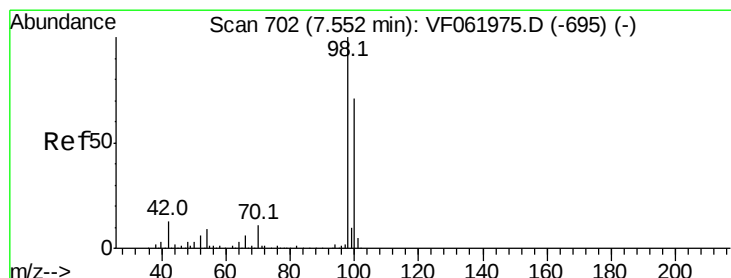
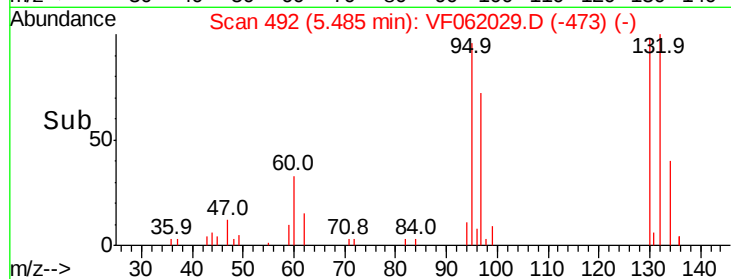
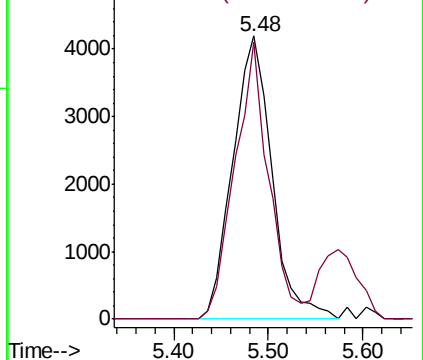
#44
 Trichloroethene
 Concen: 14.535 ug/l
 RT: 5.48 min Scan# 492
 Delta R.T. -0.02 min
 Lab File: VF062029.D
 Acq: 19 Mar 2019 20:44

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(7-8)-031519

Tot Ion:130 Resp: 12035
 Ion Ratio Lower Upper
 130 100
 95 98.0 0.0 181.4

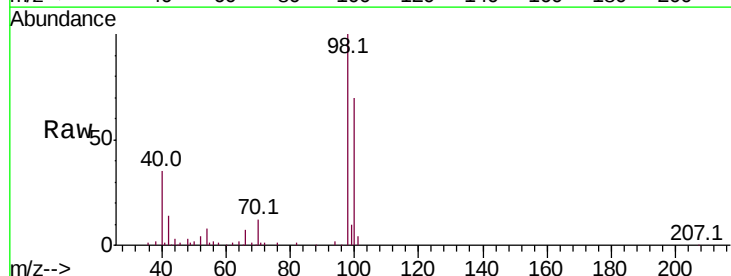


Abundance Ion 129.90 (129.60 to 130.60): V
 Ion 94.90 (94.60 to 95.60): VF0

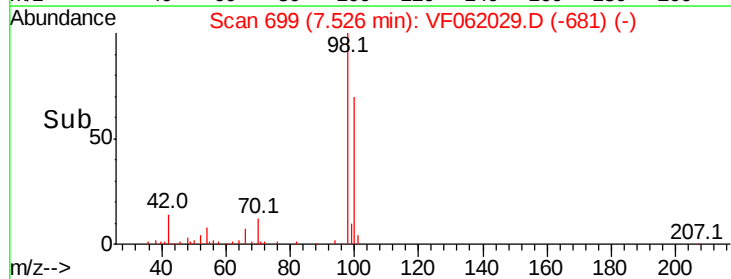
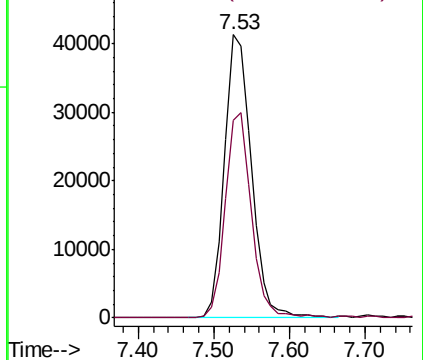


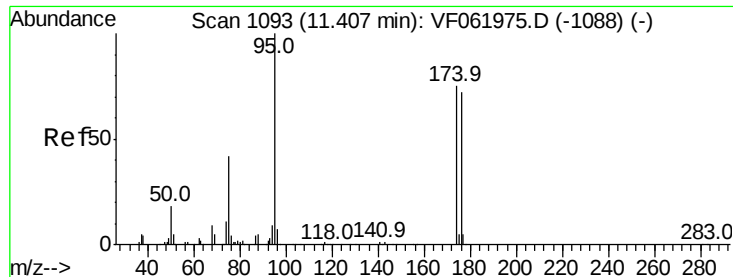
#50
 Toluene-d8
 Concen: 46.160 ug/l
 RT: 7.53 min Scan# 699
 Delta R.T. -0.03 min
 Lab File: VF062029.D
 Acq: 19 Mar 2019 20:44

Tgt Ion: 98 Resp: 102353
 Ion Ratio Lower Upper
 98 100
 100 69.8 56.8 85.2



Abundance Ion 98.00 (97.70 to 98.70): VF0
 Ion 100.00 (99.70 to 100.70): VF





#62

4-Bromofluorobenzene

Concen: 36.826 ug/l

RT: 11.39 min Scan# 1091

Delta R.T. -0.02 min

Lab File: VF062029.D

Acq: 19 Mar 2019 20:44

Instrument :

MSVOA_F

ClientSampleId :

SB-9(7-8)-031519

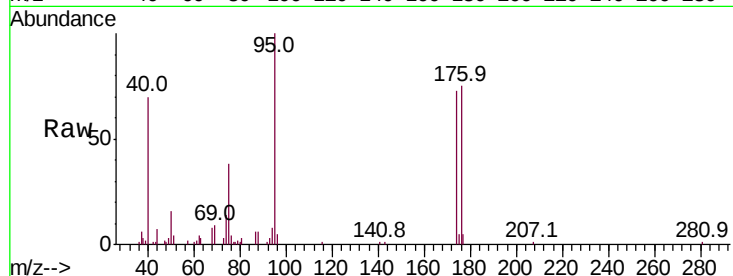
Tot Ion: 95 Resp: 32439

Ion Ratio Lower Upper

95 100

174 72.8 0.0 149.4

176 75.2 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

11.39

20000

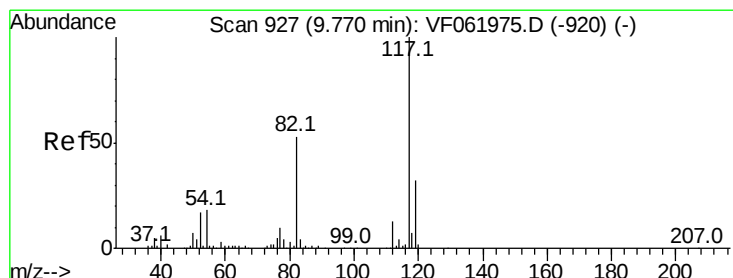
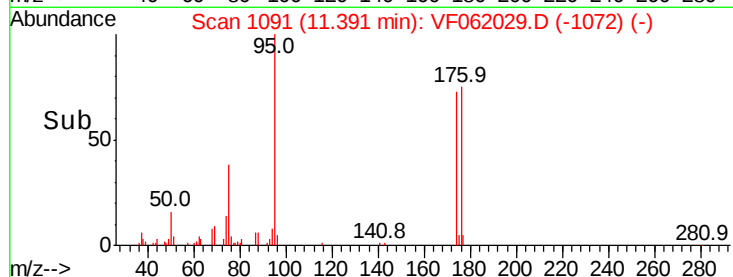
15000

10000

5000

0

Time--> 11.30 11.40 11.50



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.75 min Scan# 925

Delta R.T. -0.02 min

Lab File: VF062029.D

Acq: 19 Mar 2019 20:44

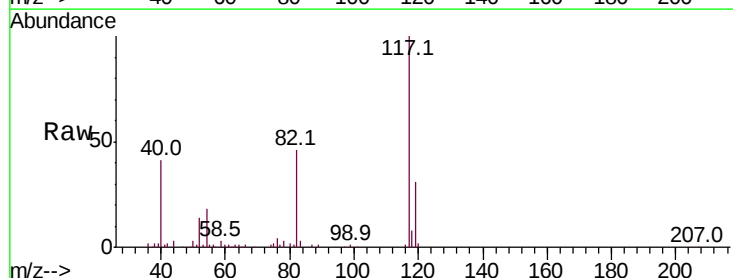
Tgt Ion: 117 Resp: 81584

Ion Ratio Lower Upper

117 100

82 45.7 42.5 63.7

119 31.1 25.4 38.0



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

9.75

50000

40000

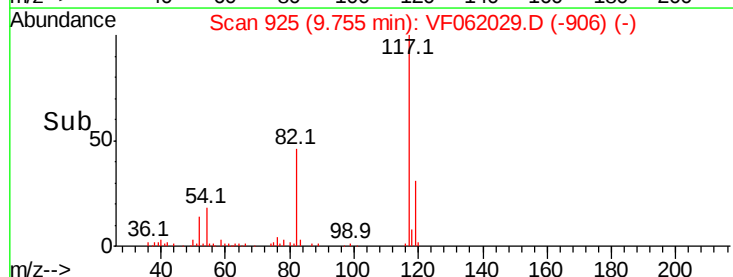
30000

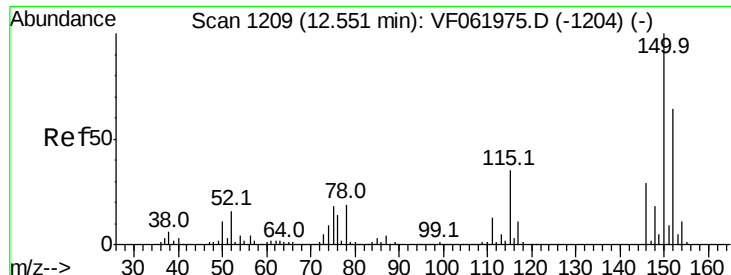
20000

10000

0

Time--> 9.60 9.70 9.80 9.90

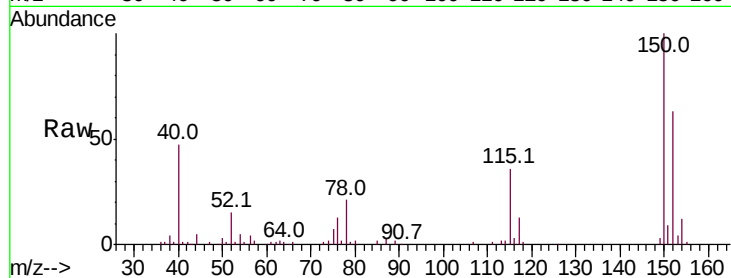




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.54 min Scan# 1207
 Delta R.T. -0.02 min
 Lab File: VF062029.D
 Acq: 19 Mar 2019 20:44

Instrument :
 MSVOA_F
 ClientSampleId :
 SB-9(7-8)-031519

Tot Ion:152 Resp: 28250
 Ion Ratio Lower Upper
 152 100
 115 57.1 27.3 81.9
 150 159.1 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

