

Data Path : Z:\voasrv\HPCHEM1\MSVOA F\Data\VF030519\
 Data File : VF061848.D
 Acq On : 5 Mar 2019 16:37
 Operator : VA/AP
 Sample : K1715-07RE
 Misc : 5.48g/5mL/MSVOA-F/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 TP-4-B-DRE

Quant Time: Mar 09 00:41:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F030419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 05 04:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.87	168	31252	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.60	114	33581	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.78	117	18726	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.55	152	5093	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.85	65	3072	13.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.00%	
35) Dibromofluoromethane	4.12	113	6185	26.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	52.78%	
50) Toluene-d8	7.55	98	20518	29.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	58.92%	
62) 4-Bromofluorobenzene	11.41	95	4152	15.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	30.44%	

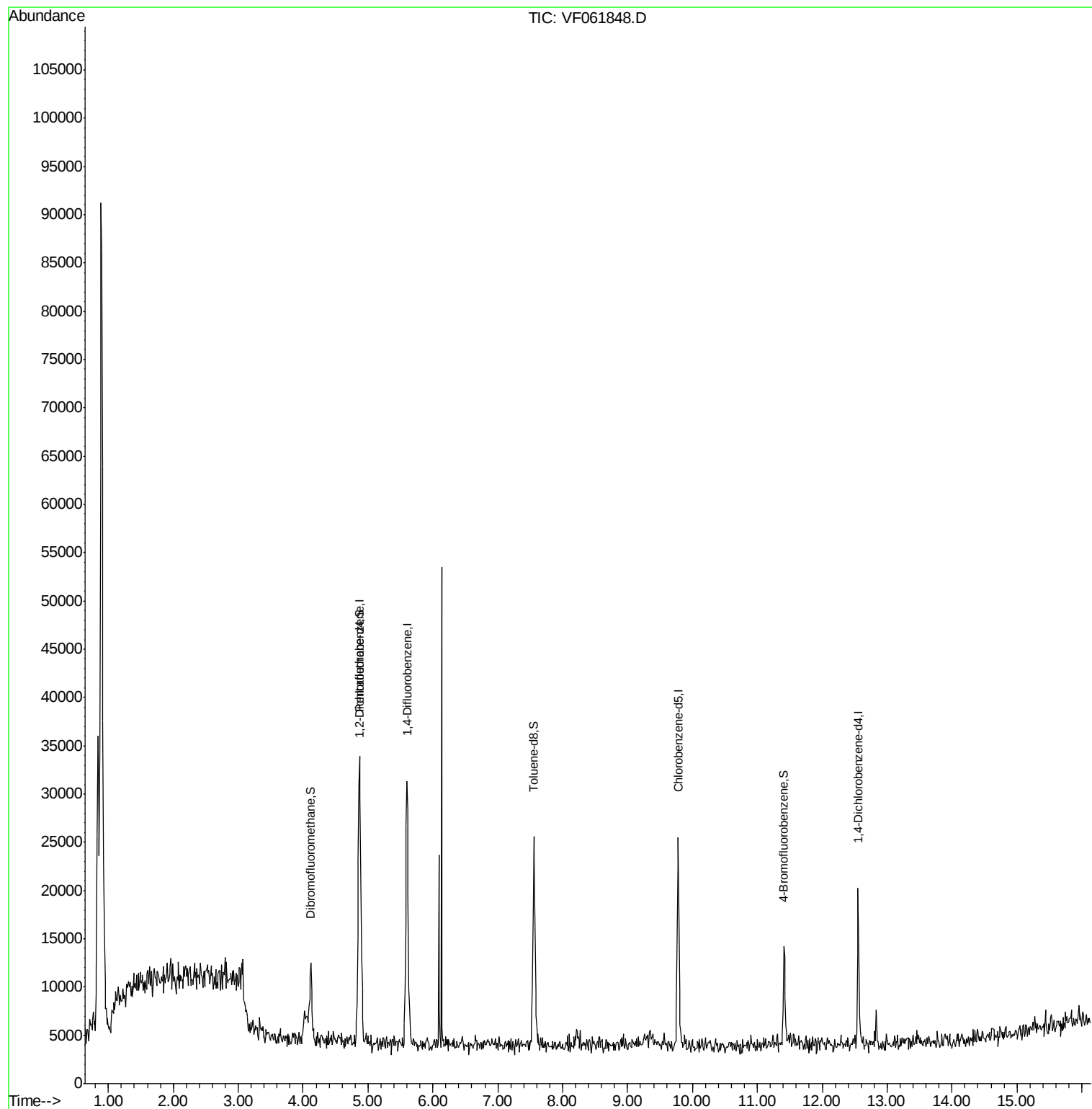
Target Compounds	Qvalue

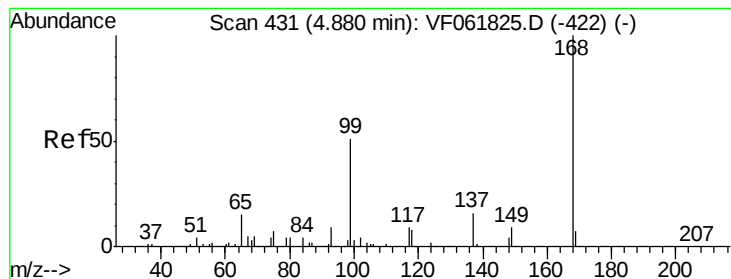
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.87 min Scan# 430

Delta R.T. -0.01 min

Lab File: VF061848.D

Acq: 5 Mar 2019 16:37

Instrument :

MSVOA_F

ClientSampleId :

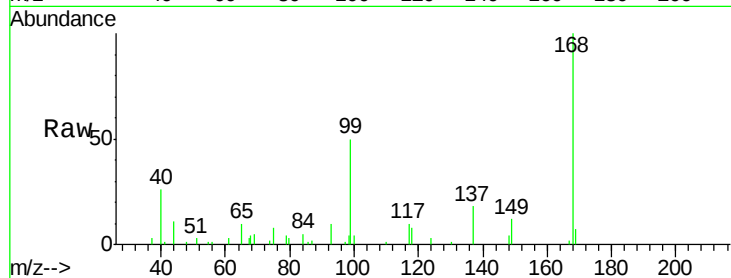
TP-4-B-DRE

Tot Ion:168 Resp: 31252

Ion Ratio Lower Upper

168 100

99 50.4 40.8 61.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

4.87

12000

10000

8000

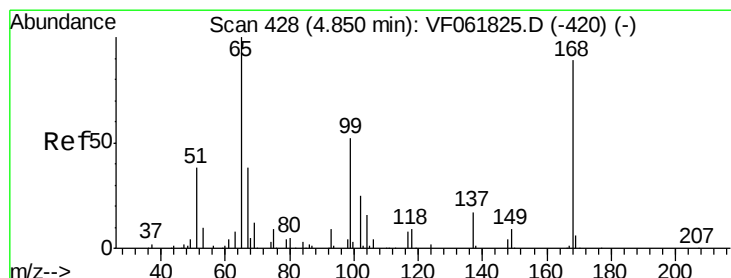
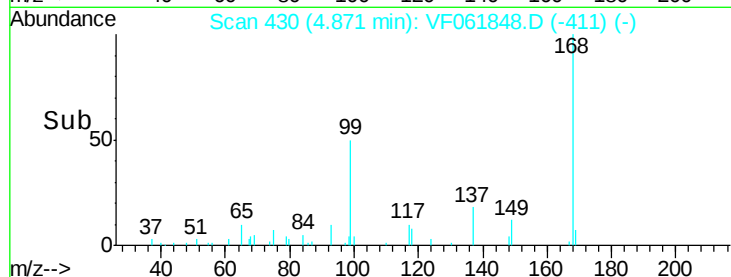
6000

4000

2000

0

Time--> 4.70 4.80 4.90 5.00 5.10



#33

1,2-Dichloroethane-d4

Concen: 13.498 ug/l

RT: 4.85 min Scan# 428

Delta R.T. 0.00 min

Lab File: VF061848.D

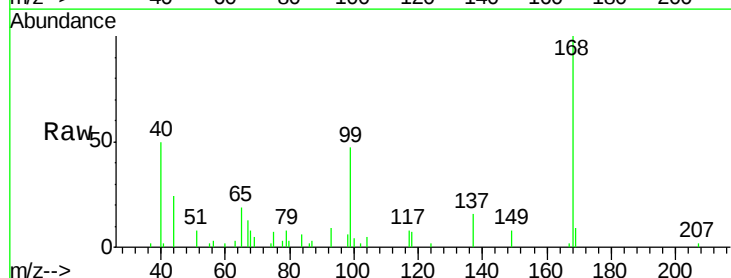
Acq: 5 Mar 2019 16:37

Tgt Ion: 65 Resp: 3072

Ion Ratio Lower Upper

65 100

67 70.9 0.0 108.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

4.85

1200

1000

800

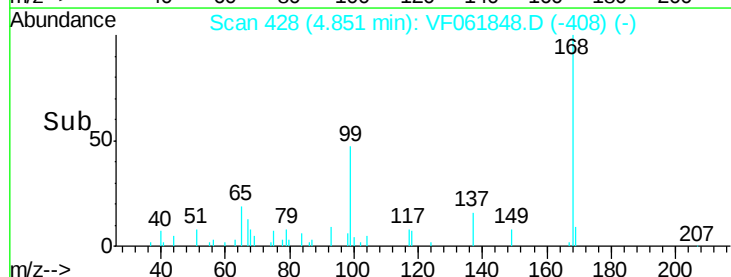
600

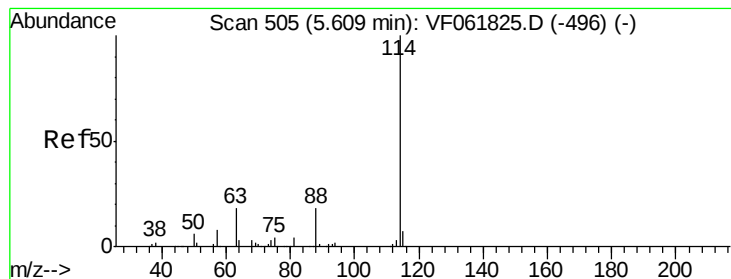
400

200

0

Time--> 4.75 4.80 4.85 4.90 4.95





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.60 min Scan# 504

Delta R.T. -0.01 min

Lab File: VF061848.D

Acq: 5 Mar 2019 16:37

Instrument :

MSVOA_F

ClientSampleId :

TP-4-B-DRE

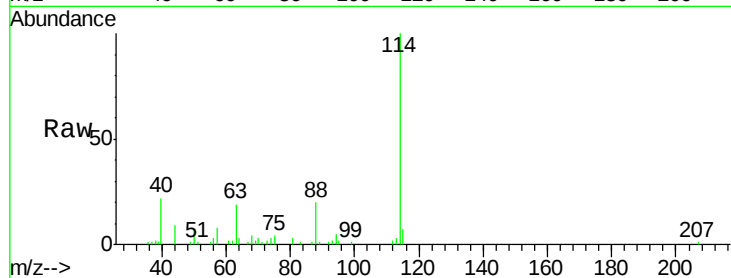
Tot Ion:114 Resp: 33581

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

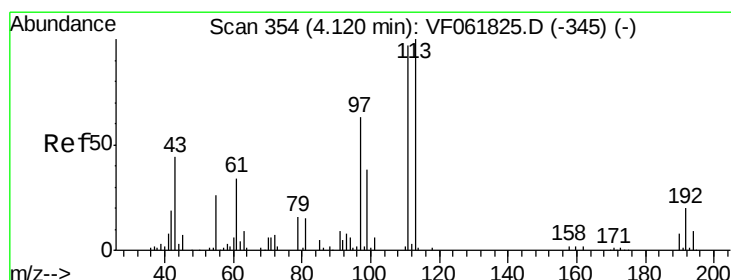
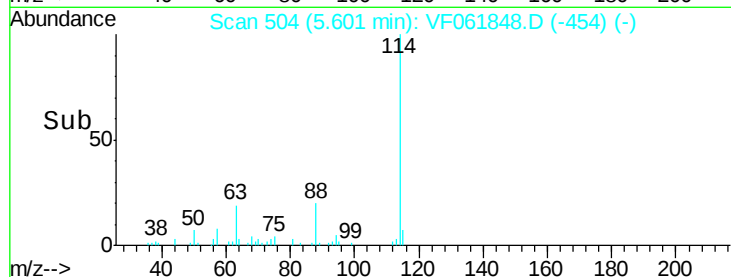
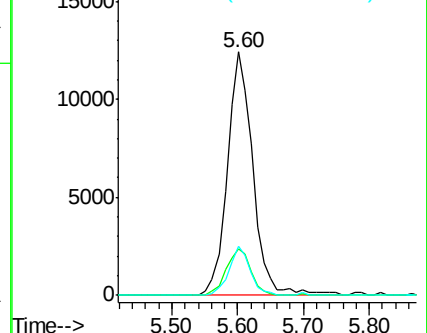
88 20.0 0.0 35.6



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: 26.392 ug/l

RT: 4.12 min Scan# 354

Delta R.T. 0.00 min

Lab File: VF061848.D

Acq: 5 Mar 2019 16:37

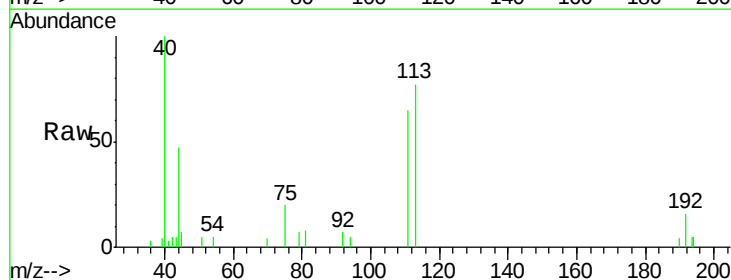
Tgt Ion:113 Resp: 6185

Ion Ratio Lower Upper

113 100

111 84.5 77.6 116.4

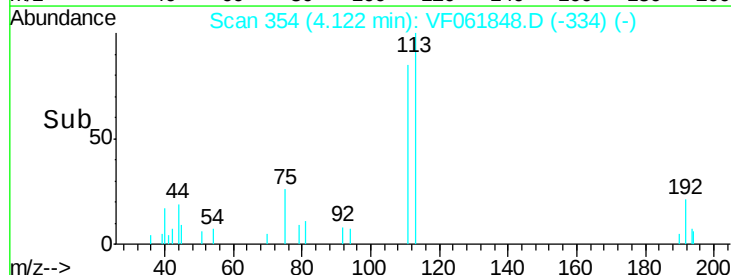
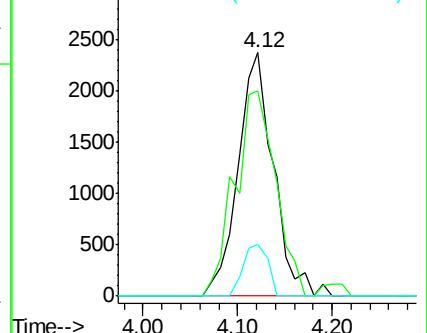
192 21.1 15.9 23.9

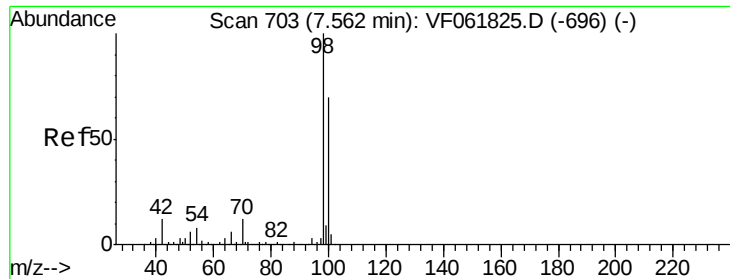


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 29.456 ug/l

RT: 7.55 min Scan# 702

Delta R.T. -0.01 min

Lab File: VF061848.D

Acq: 5 Mar 2019 16:37

Instrument :

MSVOA_F

ClientSampleId :

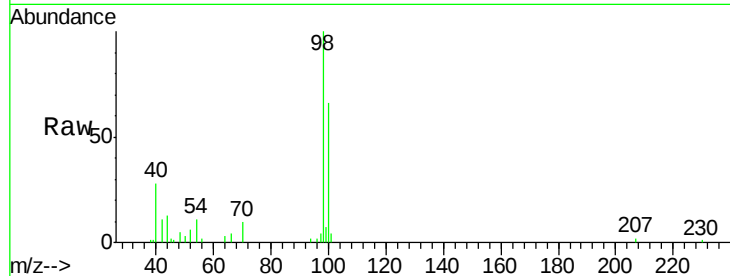
TP-4-B-DRE

Tot Ion: 98 Resp: 20518

Ion Ratio Lower Upper

98 100

100 66.2 56.0 84.0



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.55

10000

8000

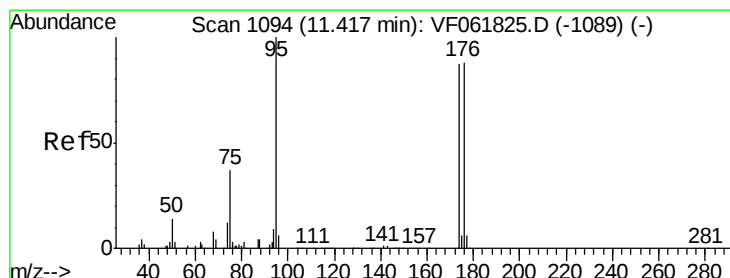
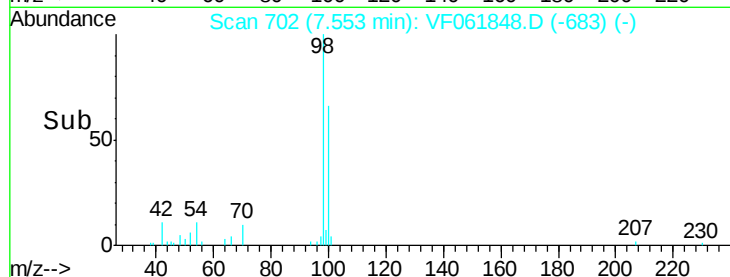
6000

4000

2000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 15.217 ug/l

RT: 11.41 min Scan# 1093

Delta R.T. -0.01 min

Lab File: VF061848.D

Acq: 5 Mar 2019 16:37

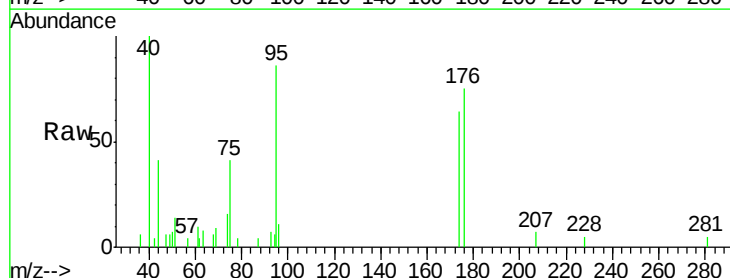
Tgt Ion: 95 Resp: 4152

Ion Ratio Lower Upper

95 100

174 74.9 0.0 174.0

176 88.0 0.0 175.2



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

3000

2500

2000

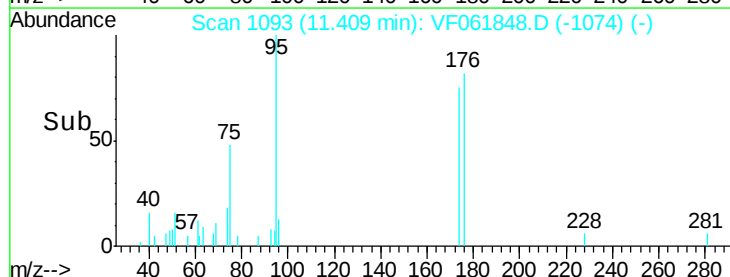
1500

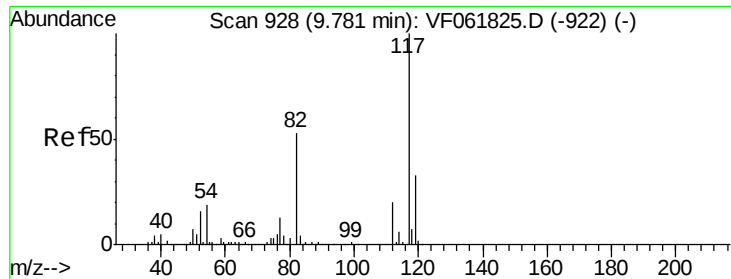
1000

500

0

Time-->

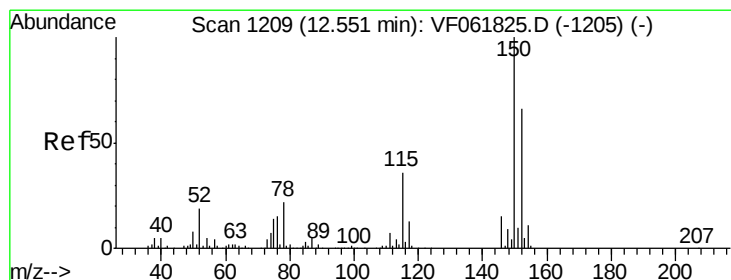
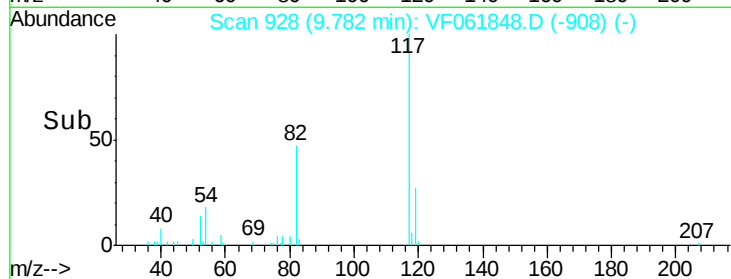
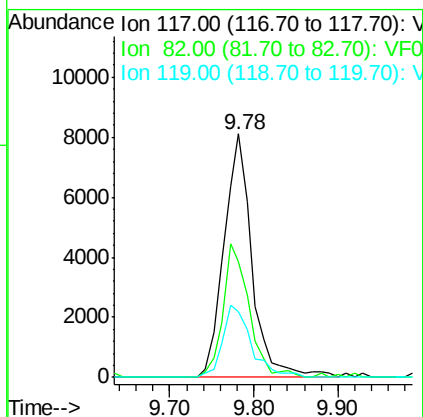
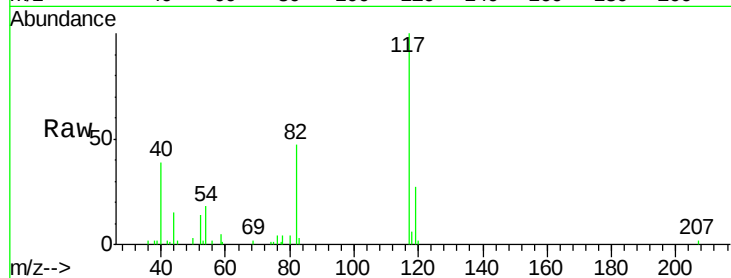




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.78 min Scan# 928
Delta R.T. 0.00 min
Lab File: VF061848.D
Acq: 5 Mar 2019 16:37

Instrument :
MSVOA_F
ClientSampleId :
TP-4-B-DRE

Tot Ion:117 Resp: 18726
Ion Ratio Lower Upper
117 100
82 47.4 42.6 63.8
119 27.1 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.55 min Scan# 1209
Delta R.T. 0.00 min
Lab File: VF061848.D
Acq: 5 Mar 2019 16:37

Tgt Ion:152 Resp: 5093
Ion Ratio Lower Upper
152 100
115 41.1 27.7 83.1
150 146.9 0.0 304.2

