

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060343.D
 Acq On : 25 Sep 2018 23:46
 Operator : VA/AP
 Sample : J4775-09
 Misc : 6.48/5mL/MSVOA F/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-092418-A

Quant Time: Sep 26 03:48:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F091918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 20 02:58:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.03	168	660524	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	1138062	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	812264	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	325134	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.00	65	419556	47.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.34%	
35) Dibromofluoromethane	4.27	113	526440	51.89	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	103.78%	
50) Toluene-d8	7.69	98	1120561	42.41	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	84.82%	
62) 4-Bromofluorobenzene	11.50	95	403658	35.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	70.70%	

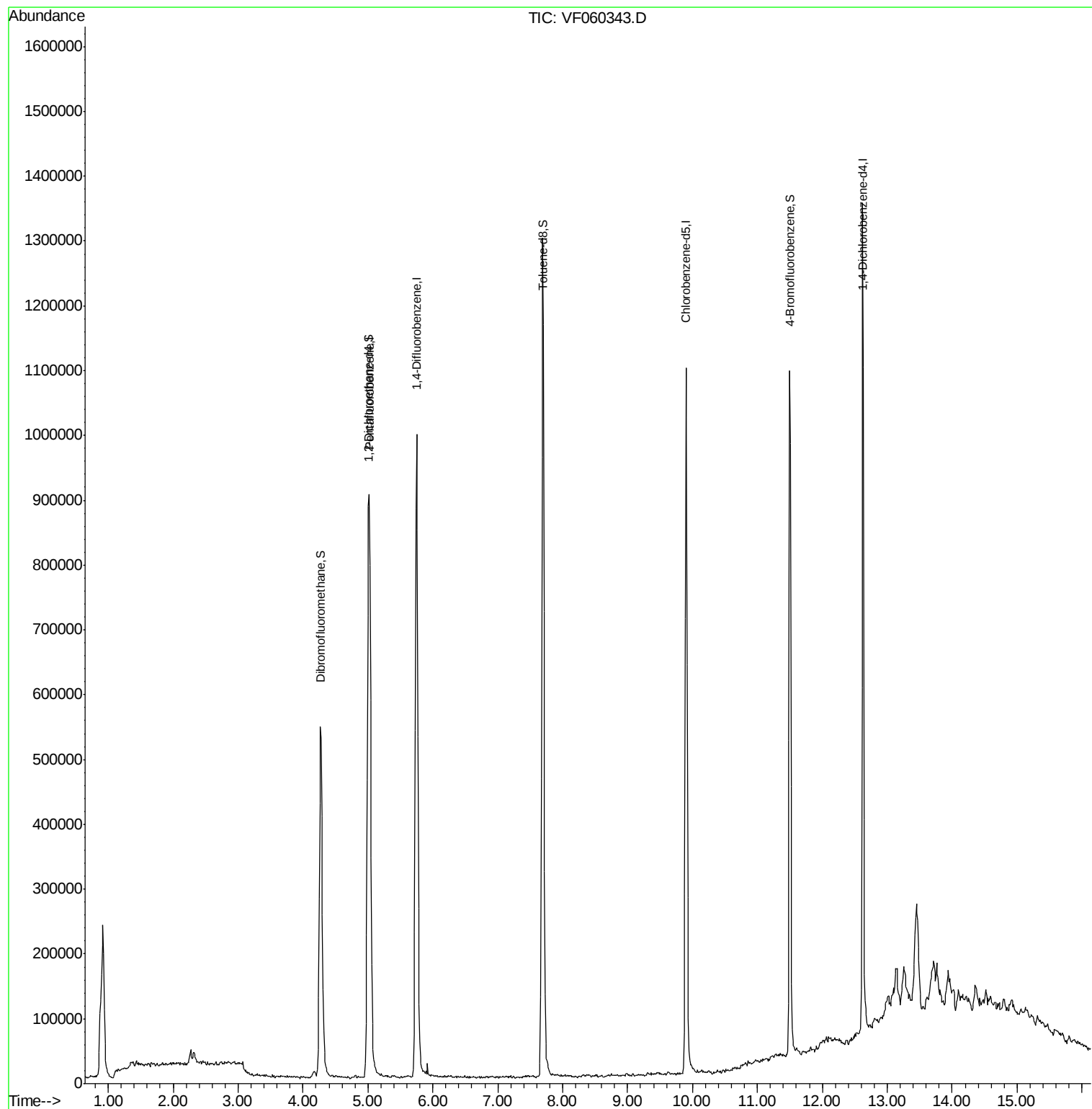
Target Compounds	Qvalue

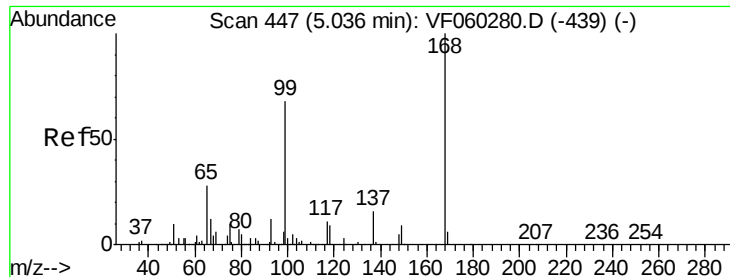
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA F\DATA\VF092518\
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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060343.D

Acq: 25 Sep 2018 23:46

Instrument :

MSVOA_F

ClientSampleId :

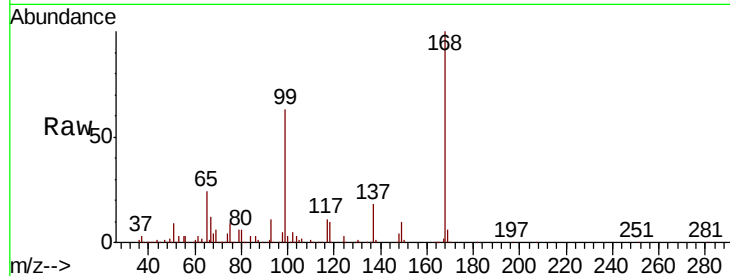
OR-01-092418-A

Tot Ion:168 Resp: 660524

Ion Ratio Lower Upper

168 100

99 62.9 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.03

200000

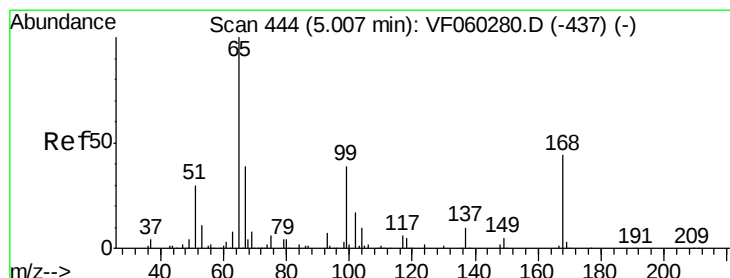
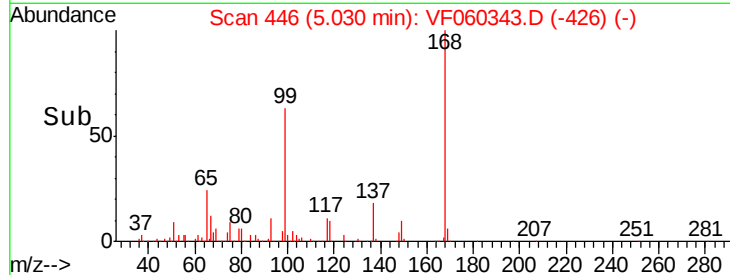
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.172 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060343.D

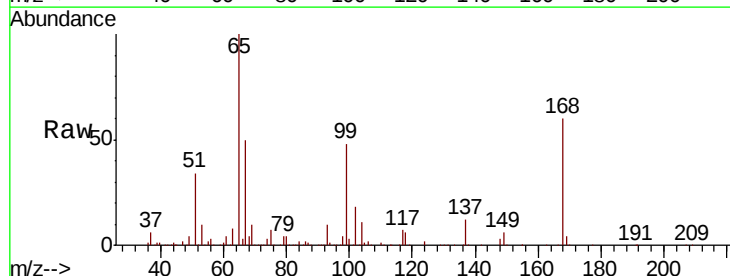
Acq: 25 Sep 2018 23:46

Tgt Ion: 65 Resp: 419556

Ion Ratio Lower Upper

65 100

67 50.4 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.00

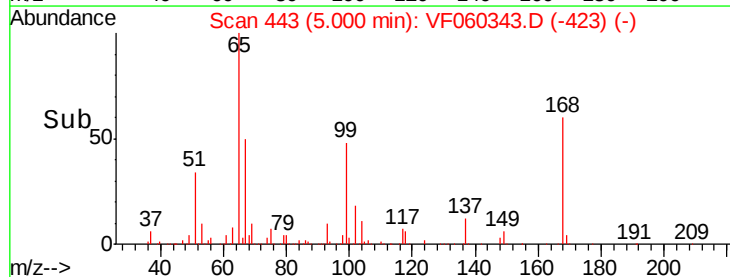
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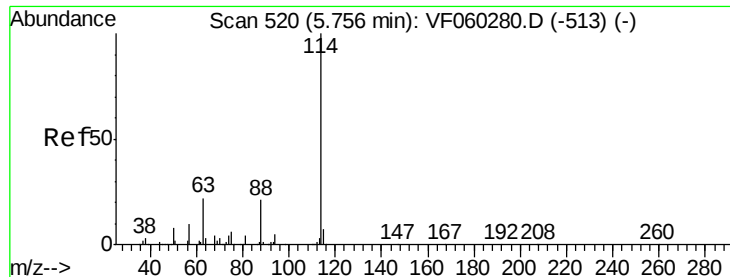
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50000

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Time-->



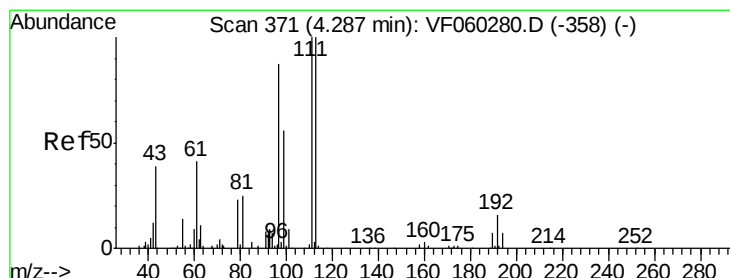
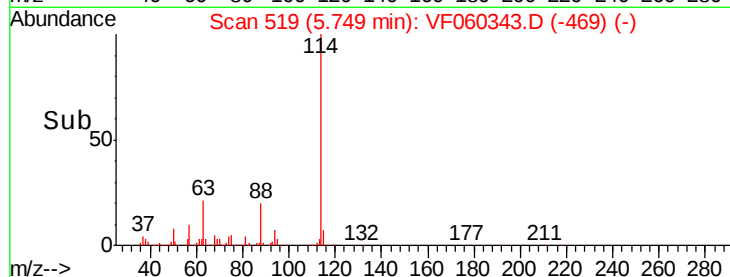
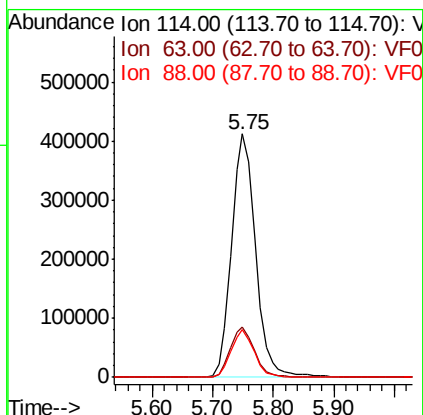
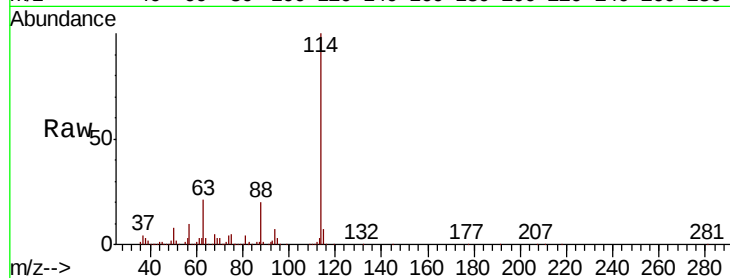


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.75 min Scan# 519
Delta R.T. -0.01 min
Lab File: VF060343.D
Acq: 25 Sep 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
OR-01-092418-A

Tot Ion:114 Resp: 1138062

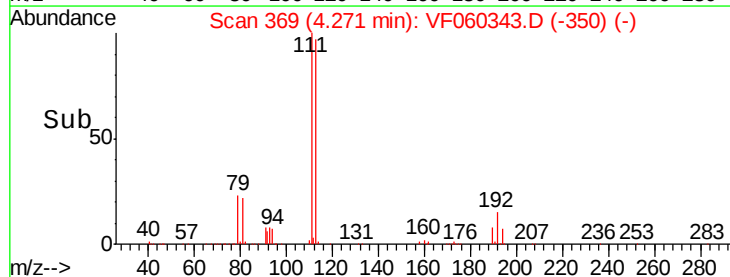
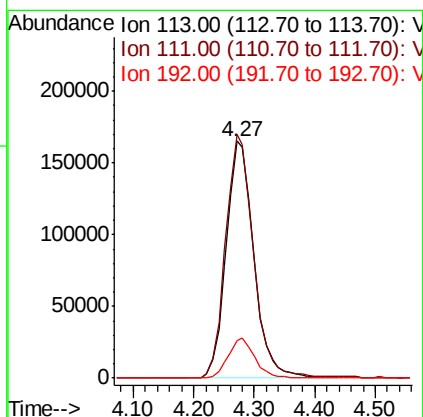
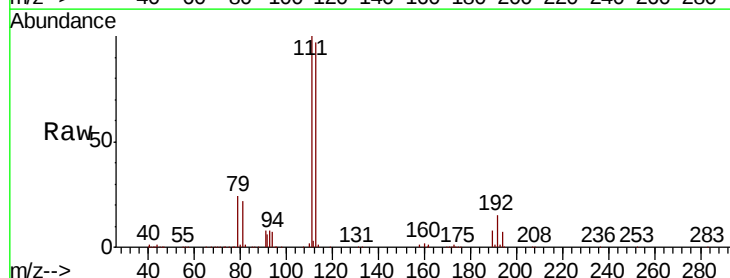
Ion	Ratio	Lower	Upper
114	100		
63	20.7	0.0	43.8
88	19.6	0.0	41.2

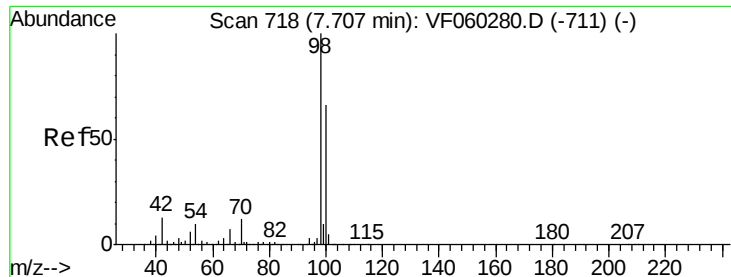


#35
Dibromofluoromethane
Concen: 51.892 ug/l
RT: 4.27 min Scan# 369
Delta R.T. -0.02 min
Lab File: VF060343.D
Acq: 25 Sep 2018 23:46

Tgt Ion:113 Resp: 526440

Ion	Ratio	Lower	Upper
113	100		
111	102.7	79.6	119.4
192	15.6	13.0	19.6





#50

Toluene-d8

Concen: 42.414 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.02 min

Lab File: VF060343.D

Acq: 25 Sep 2018 23:46

Instrument :

MSVOA_F

ClientSampleId :

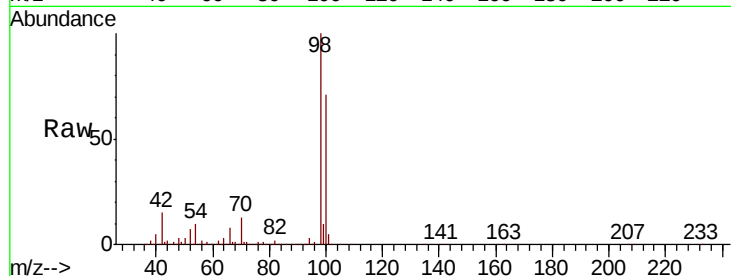
OR-01-092418-A

Tot Ion: 98 Resp: 1120561

Ion Ratio Lower Upper

98 100

100 70.8 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF

7.69

500000

400000

300000

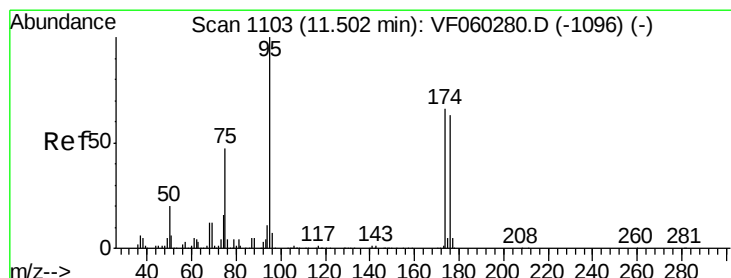
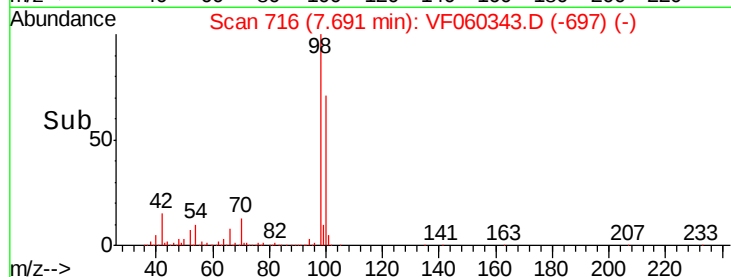
200000

100000

0

Time-->

7.60 7.70 7.80 7.90



#62

4-Bromofluorobenzene

Concen: 35.345 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.01 min

Lab File: VF060343.D

Acq: 25 Sep 2018 23:46

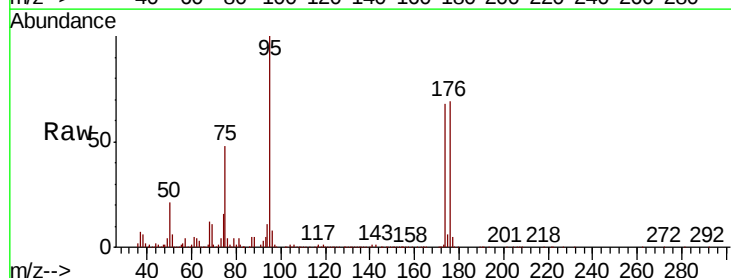
Tgt Ion: 95 Resp: 403658

Ion Ratio Lower Upper

95 100

174 68.3 0.0 131.2

176 69.1 0.0 126.6



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

300000

250000

200000

150000

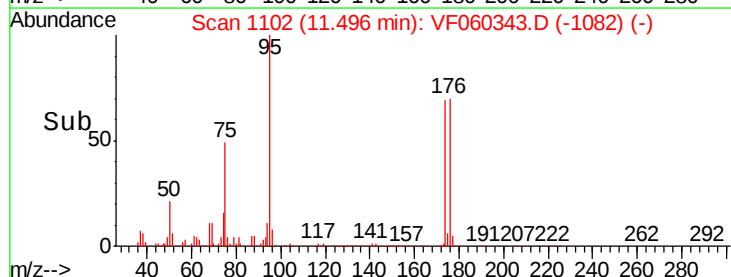
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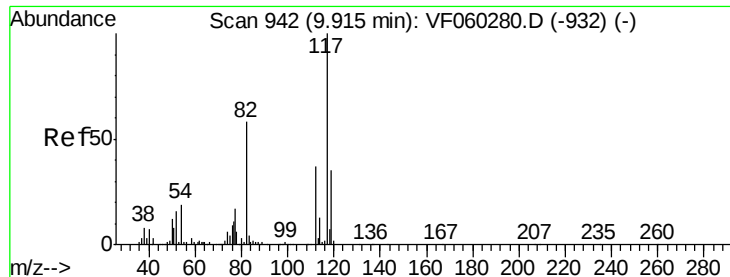
50000

0

Time-->

11.40 11.50 11.60

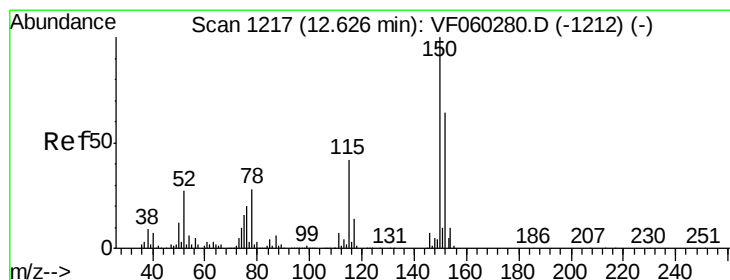
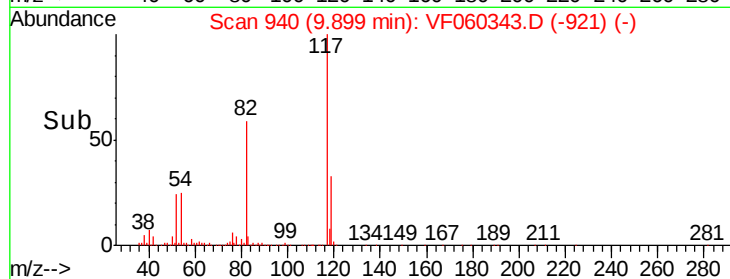
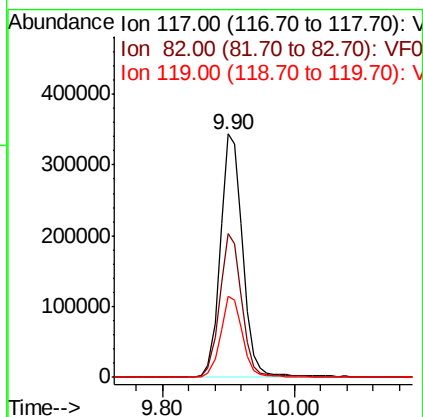
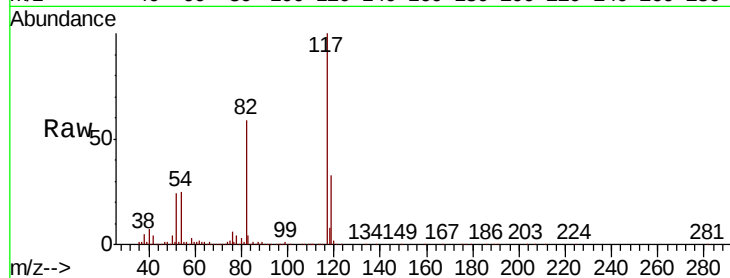




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060343.D
Acq: 25 Sep 2018 23:46

Instrument :
MSVOA_F
ClientSampleId :
OR-01-092418-A

Tot Ion:117 Resp: 812264
Ion Ratio Lower Upper
117 100
82 59.2 46.2 69.2
119 33.1 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060343.D
Acq: 25 Sep 2018 23:46

Tgt Ion:152 Resp: 325134
Ion Ratio Lower Upper
152 100
115 63.5 32.6 97.8
150 151.4 0.0 314.2

