

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060331.D
 Acq On : 25 Sep 2018 18:12
 Operator : VA/AP
 Sample : J5059-01
 Misc : 6.39/5mL/MSVOA F/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 PHASE-2

Quant Time: Sep 26 02:34:42 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	5.02	168	28994	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	5.74	114	26299	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	9681	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	905	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.99	65	2469	6.32	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	12.64%	
35) Dibromofluoromethane	4.28	113	3205	13.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	27.34%	
50) Toluene-d8	7.69	98	11083	18.15	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	36.30%	
62) 4-Bromofluorobenzene	11.50	95	1462	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	

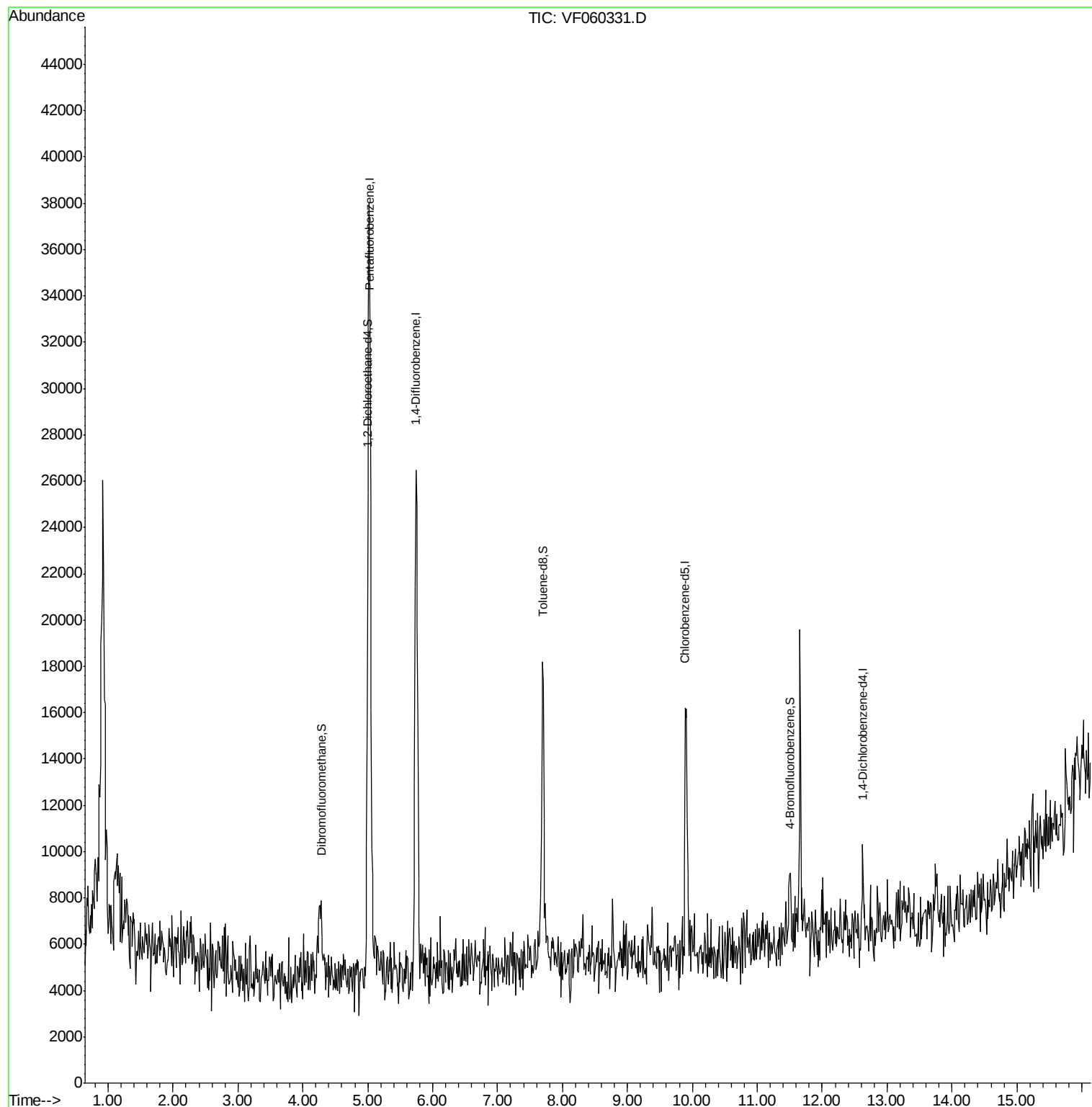
Target Compounds	Qvalue
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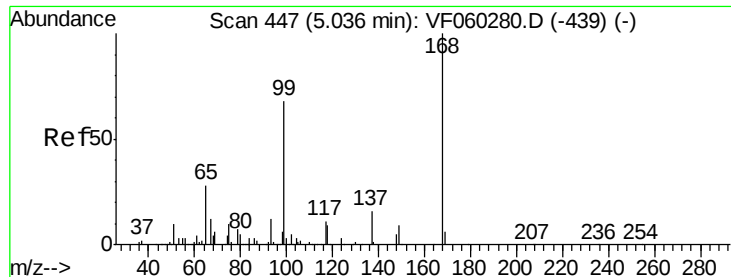
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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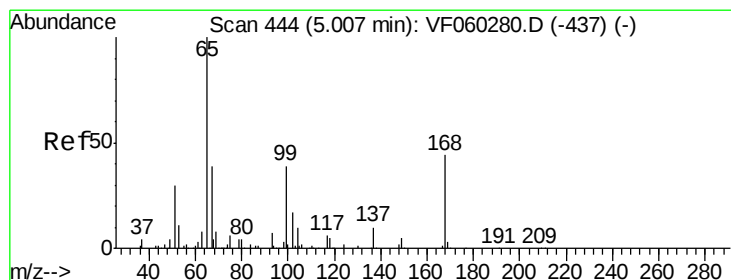
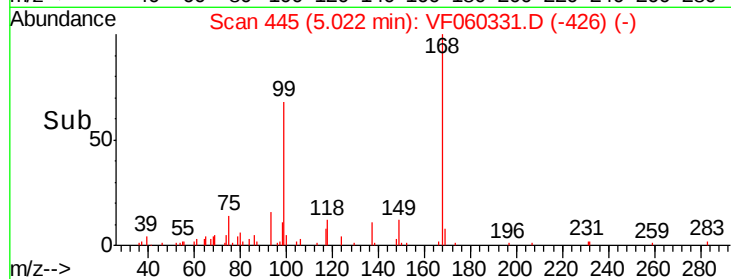
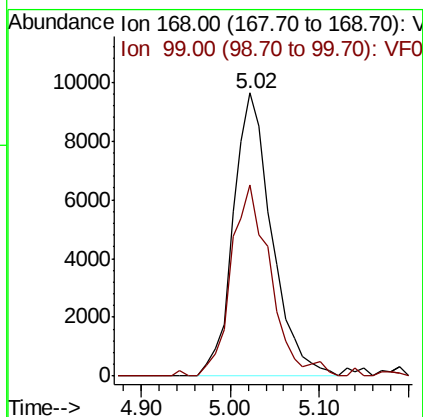
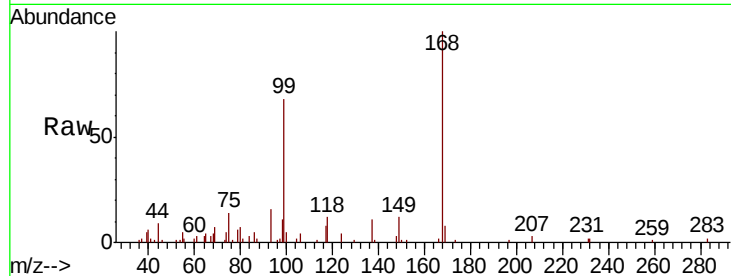




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.02 min Scan# 445
Delta R.T. -0.01 min
Lab File: VF060331.D
Acq: 25 Sep 2018 18:12

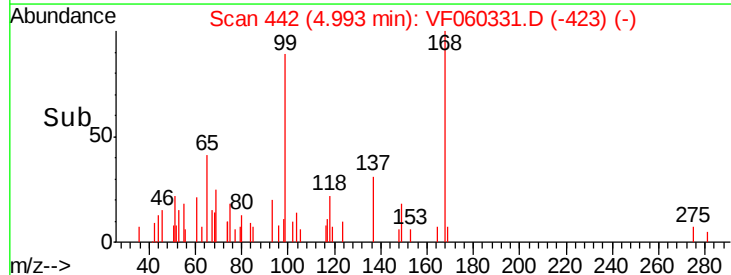
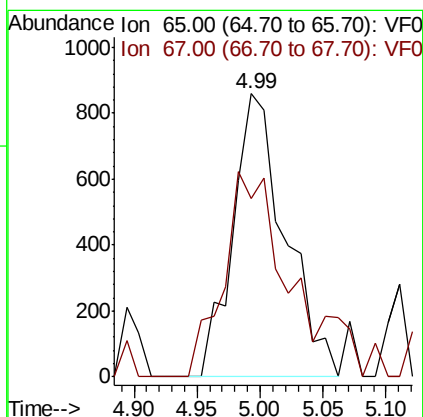
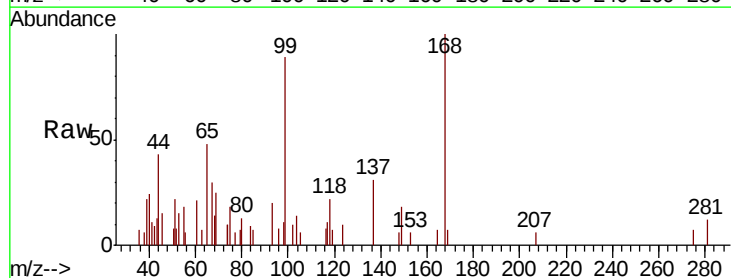
Instrument :
MSVOA_F
ClientSampled :
PHASE-2

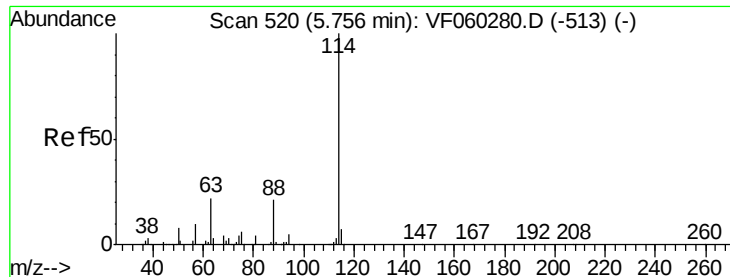
Tot Ion:168 Resp: 28994
Ion Ratio Lower Upper
168 100
99 67.8 54.8 82.2



#33
1,2-Dichloroethane-d4
Concen: 6.324 ug/l
RT: 4.99 min Scan# 442
Delta R.T. -0.01 min
Lab File: VF060331.D
Acq: 25 Sep 2018 18:12

Tgt Ion: 65 Resp: 2469
Ion Ratio Lower Upper
65 100
67 63.1 0.0 94.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.74 min Scan# 518

Delta R.T. -0.01 min

Lab File: VF060331.D

Acq: 25 Sep 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

PHASE-2

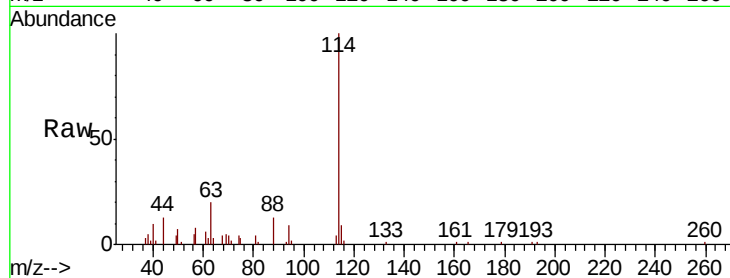
Tot Ion:114 Resp: 26299

Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.8

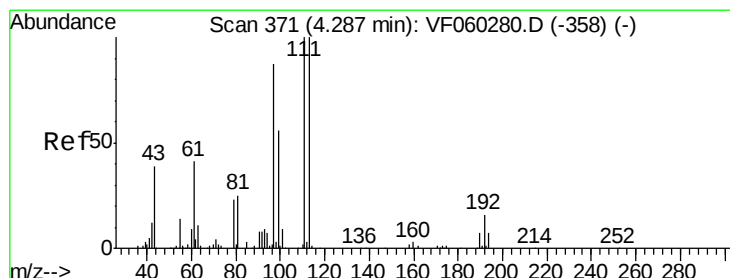
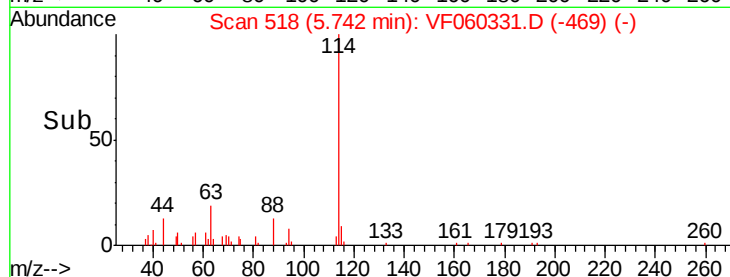
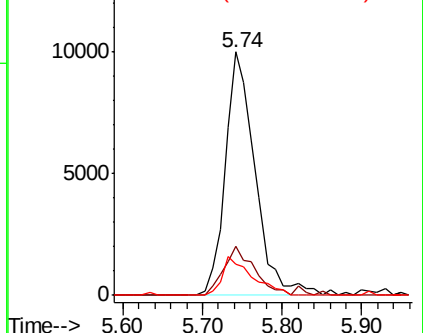
88 12.8 0.0 41.2



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: 13.671 ug/l

RT: 4.28 min Scan# 370

Delta R.T. -0.00 min

Lab File: VF060331.D

Acq: 25 Sep 2018 18:12

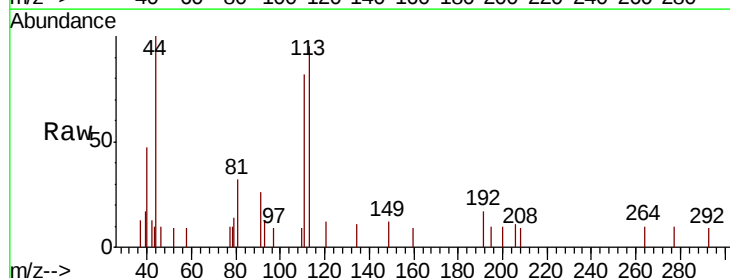
Tgt Ion:113 Resp: 3205

Ion Ratio Lower Upper

113 100

111 86.1 79.6 119.4

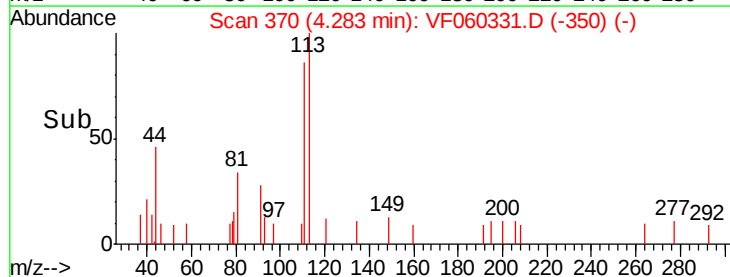
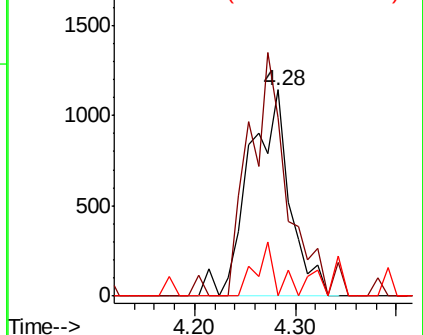
192 0.0 13.0 19.6#

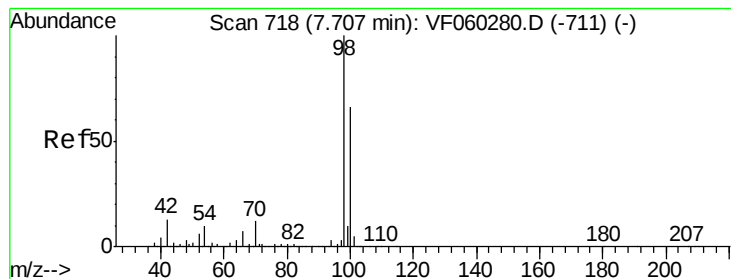


Abundance Ion 113.00 (112.70 to 113.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 192.00 (191.70 to 192.70): V





#50

Toluene-d8

Concen: 18.153 ug/l

RT: 7.69 min Scan# 716

Delta R.T. -0.01 min

Lab File: VF060331.D

Acq: 25 Sep 2018 18:12

Instrument :

MSVOA_F

ClientSampleId :

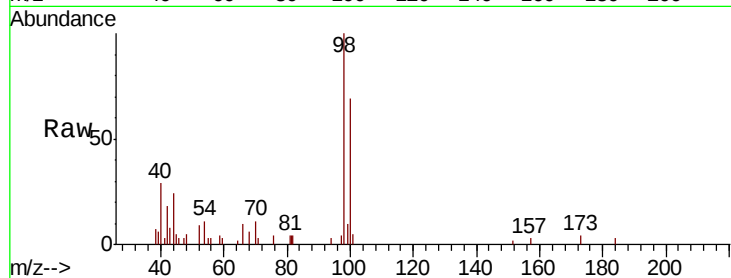
PHASE-2

Tot Ion: 98 Resp: 11083

Ion Ratio Lower Upper

98 100

100 68.8 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

5000

4000

3000

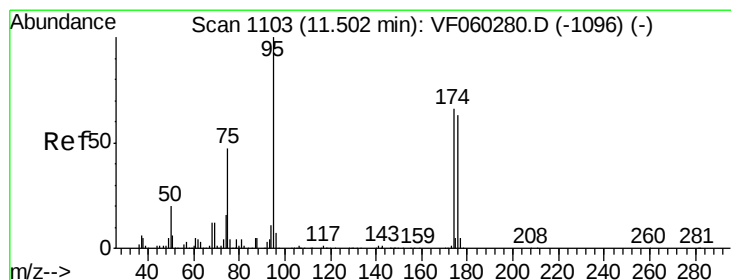
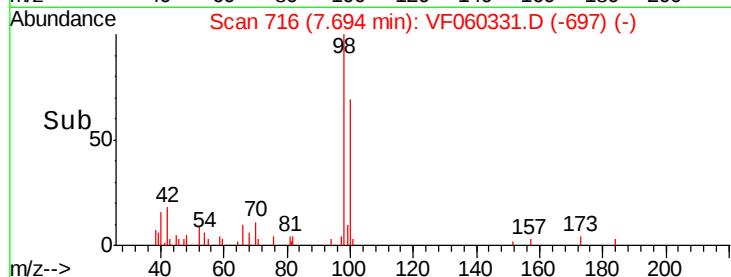
2000

1000

0

Time-->

7.60 7.65 7.70 7.75



#62

4-Bromofluorobenzene

Concen: 5.540 ug/l

RT: 11.50 min Scan# 1102

Delta R.T. -0.00 min

Lab File: VF060331.D

Acq: 25 Sep 2018 18:12

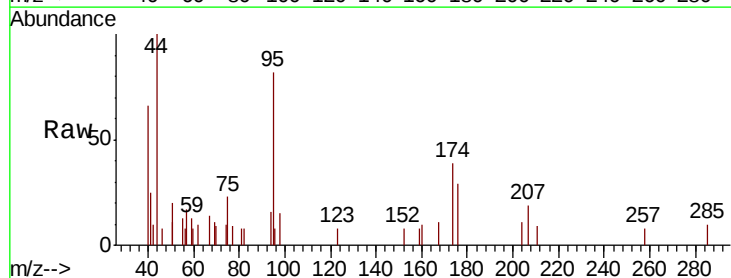
Tgt Ion: 95 Resp: 1462

Ion Ratio Lower Upper

95 100

174 43.2 0.0 131.2

176 32.1 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

11.50

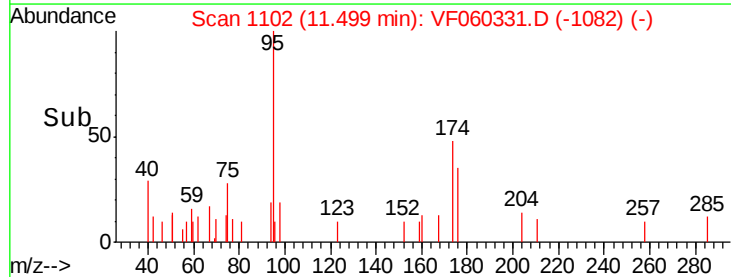
1000

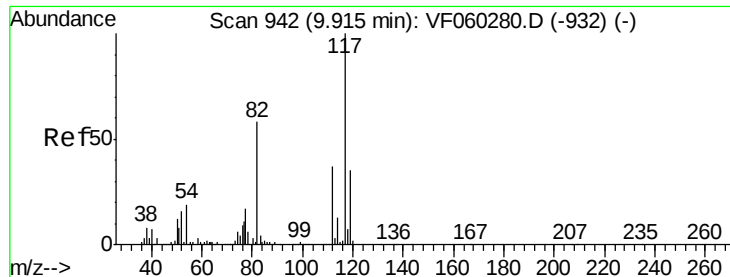
500

0

Time-->

11.45 11.50

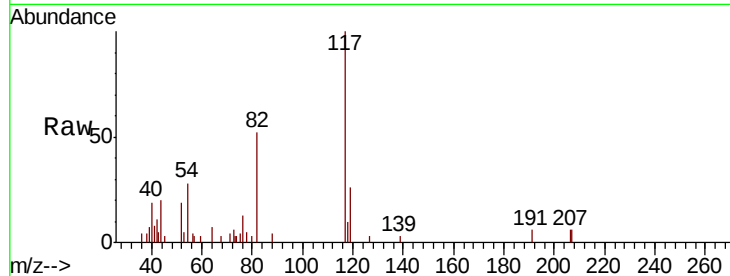




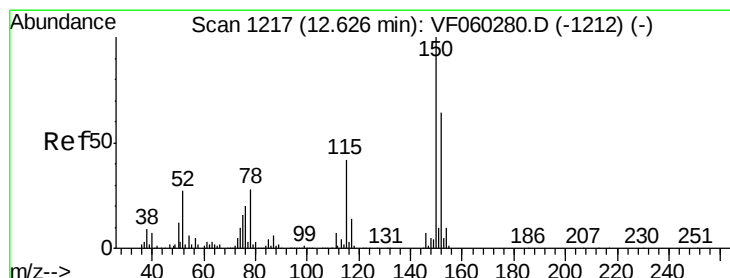
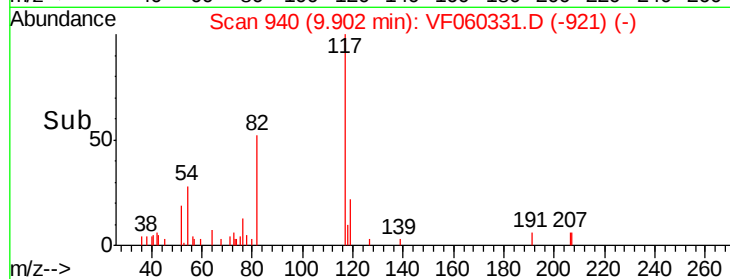
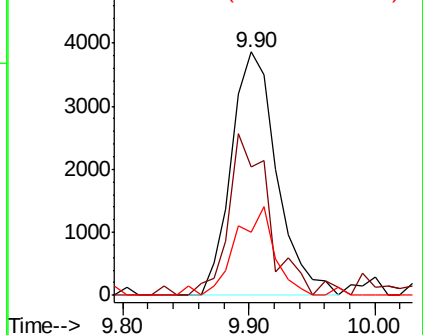
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.01 min
Lab File: VF060331.D
Acq: 25 Sep 2018 18:12

Instrument :
MSVOA_F
ClientSampled :
PHASE-2

Tot Ion:117 Resp: 9681
Ion Ratio Lower Upper
117 100
82 52.5 46.2 69.2
119 26.0 27.8 41.6#

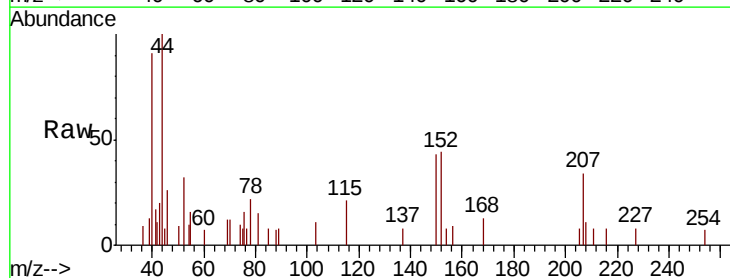


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.00 min
Lab File: VF060331.D
Acq: 25 Sep 2018 18:12

Tgt Ion:152 Resp: 905
Ion Ratio Lower Upper
152 100
115 48.0 32.6 97.8
150 96.8 0.0 314.2



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

