

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092518\
 Data File : VF060344.D
 Acq On : 26 Sep 2018 00:14
 Operator : VA/AP
 Sample : J4775-11
 Misc : 6.21/5mL/MSVOA F/SOIL
 ALS Vial : 50 Sample Multiplier: 1

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

Quant Time: Sep 26 03:50:14 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	631905	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.75	114	1066138	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	764594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	338748	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.00	65	351971	41.37	ug/l	0.00
Spiked Amount						
			Recovery	=	82.74%	
35) Dibromofluoromethane	4.27	113	448742	47.22	ug/l	-0.02
Spiked Amount						
			Recovery	=	94.44%	
50) Toluene-d8	7.70	98	941367	38.03	ug/l	0.00
Spiked Amount						
			Recovery	=	76.06%	
62) 4-Bromofluorobenzene	11.50	95	389789	36.43	ug/l	0.00
Spiked Amount						
			Recovery	=	72.86%	

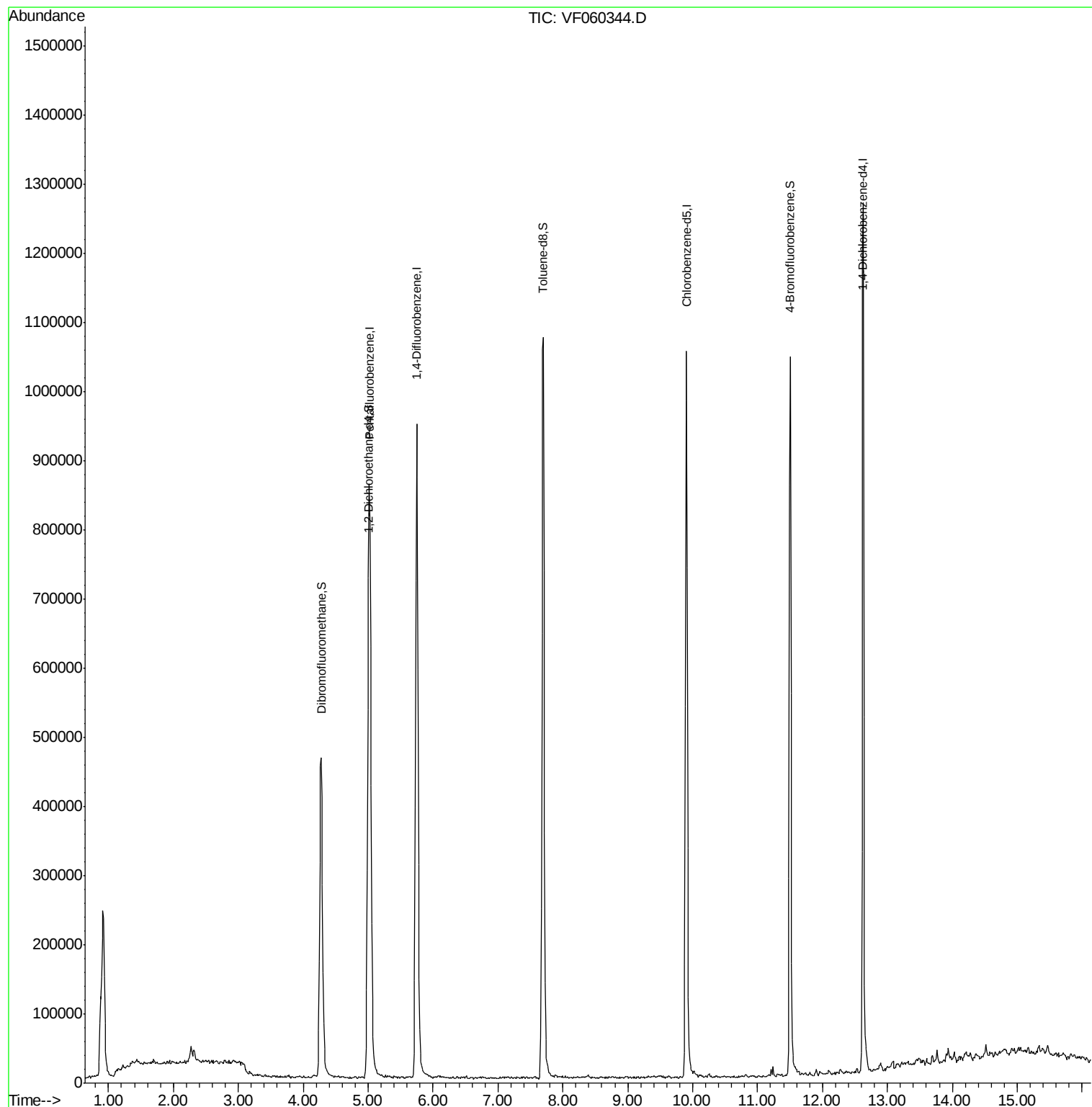
Target Compounds	Qvalue

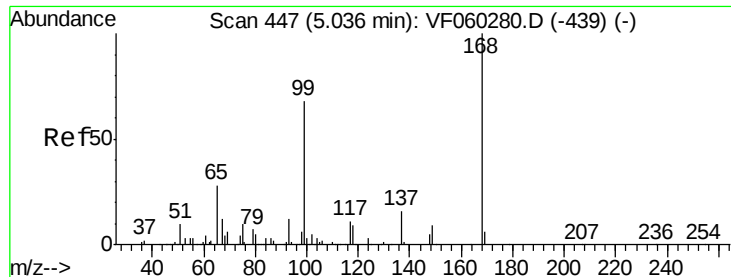
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Sep 20 02:58:42 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.03 min Scan# 446

Delta R.T. -0.01 min

Lab File: VF060344.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

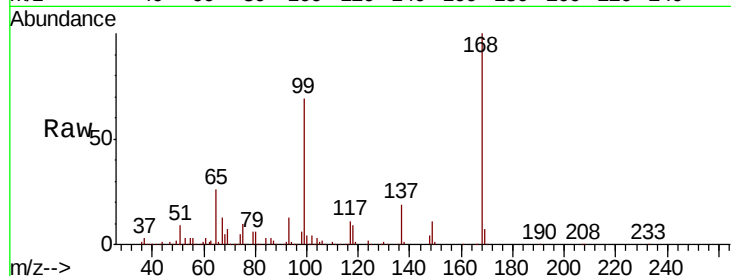
OR-01-092418-B

Tot Ion:168 Resp: 631905

Ion Ratio Lower Upper

168 100

99 68.7 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

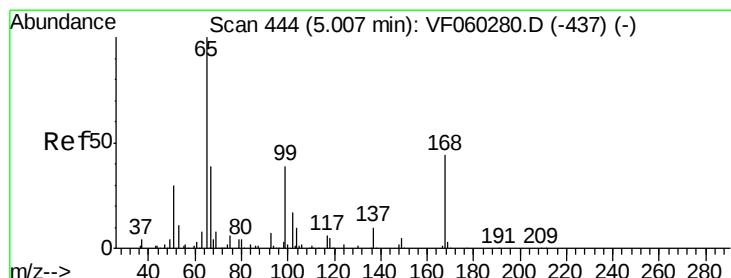
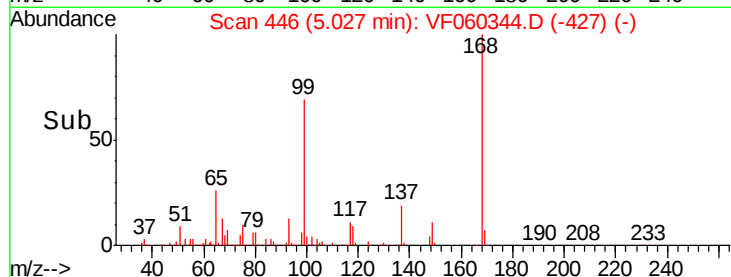
150000

100000

50000

0

Time--> 4.80 4.90 5.00 5.10 5.20



#33

1,2-Dichloroethane-d4

Concen: 41.366 ug/l

RT: 5.00 min Scan# 443

Delta R.T. -0.01 min

Lab File: VF060344.D

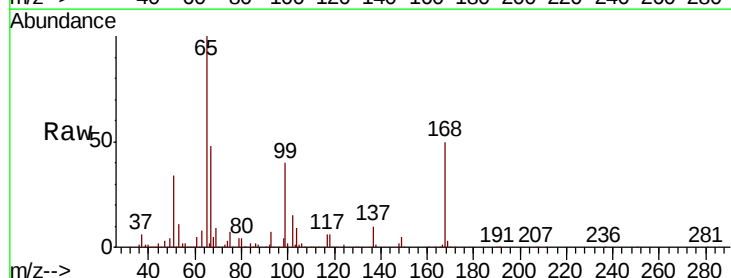
Acq: 26 Sep 2018 00:14

Tgt Ion: 65 Resp: 351971

Ion Ratio Lower Upper

65 100

67 48.3 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

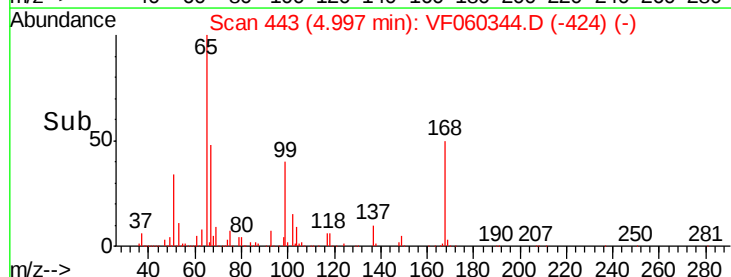
5.00

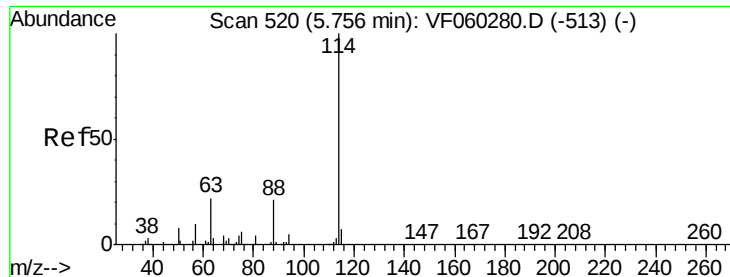
100000

50000

0

Time--> 4.90 5.00 5.10 5.20

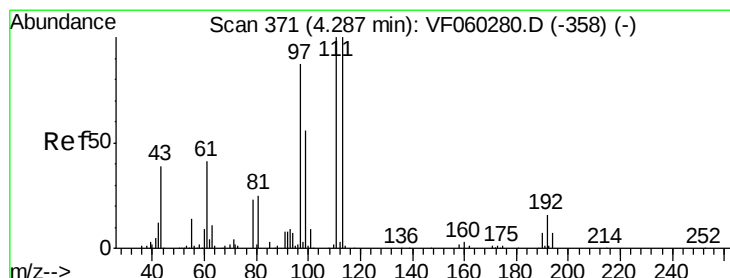
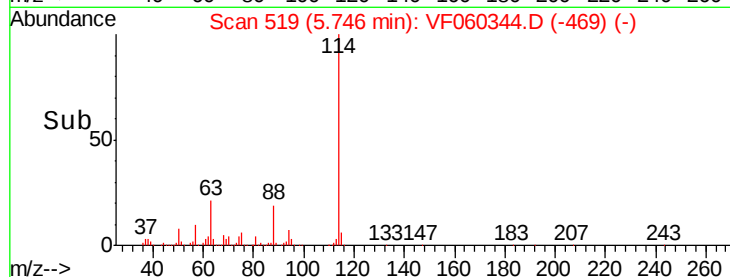
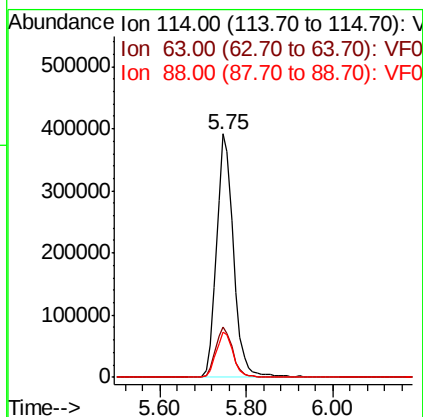
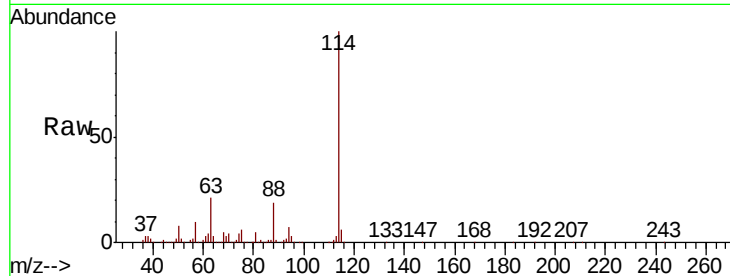




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060344.D
 Acq: 26 Sep 2018 00:14

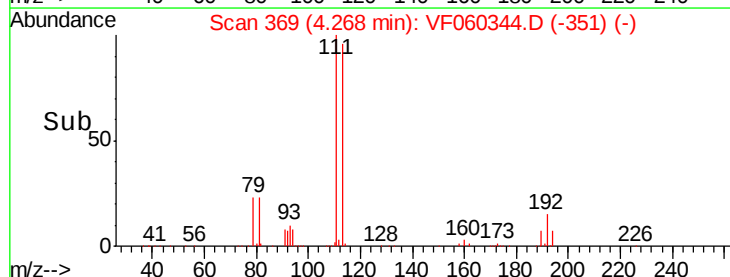
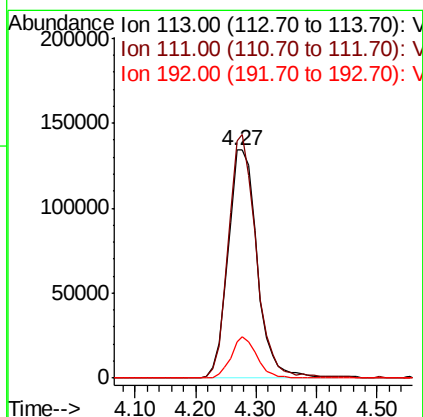
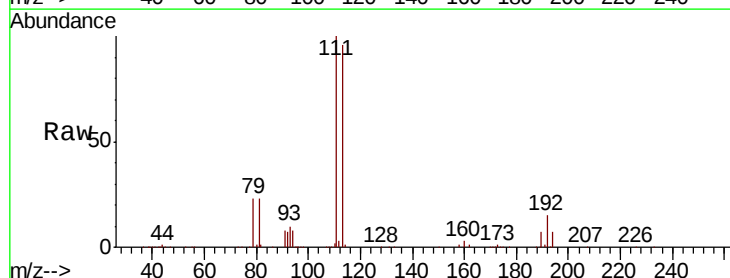
Instrument :
 MSVOA_F
 ClientSampleId :
 OR-01-092418-B

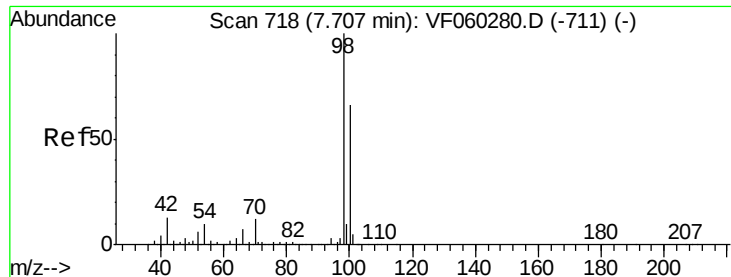
Tot Ion:114 Resp: 1066138
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 43.8
 88 18.5 0.0 41.2



#35
 Dibromofluoromethane
 Concen: 47.217 ug/l
 RT: 4.27 min Scan# 369
 Delta R.T. -0.02 min
 Lab File: VF060344.D
 Acq: 26 Sep 2018 00:14

Tgt Ion:113 Resp: 448742
 Ion Ratio Lower Upper
 113 100
 111 103.9 79.6 119.4
 192 15.7 13.0 19.6





#50

Toluene-d8

Concen: 38.035 ug/l

RT: 7.70 min Scan# 717

Delta R.T. -0.01 min

Lab File: VF060344.D

Acq: 26 Sep 2018 00:14

Instrument :

MSVOA_F

ClientSampleId :

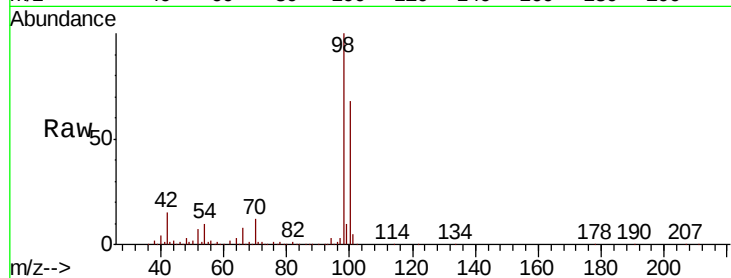
OR-01-092418-B

Tot Ion: 98 Resp: 941367

Ion Ratio Lower Upper

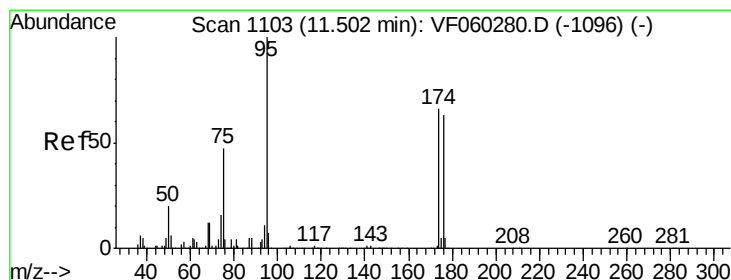
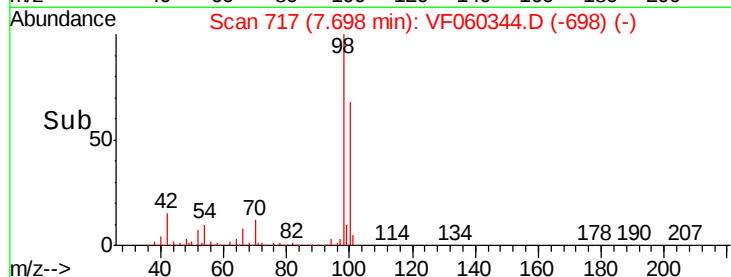
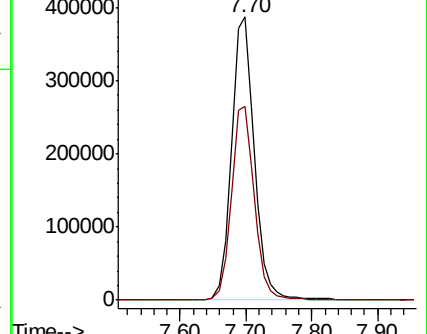
98 100

100 68.4 53.0 79.6



Abundance Ion 98.00 (97.70 to 98.70): VF0

Ion 100.00 (99.70 to 100.70): VF



#62

4-Bromofluorobenzene

Concen: 36.433 ug/l

RT: 11.50 min Scan# 1103

Delta R.T. 0.00 min

Lab File: VF060344.D

Acq: 26 Sep 2018 00:14

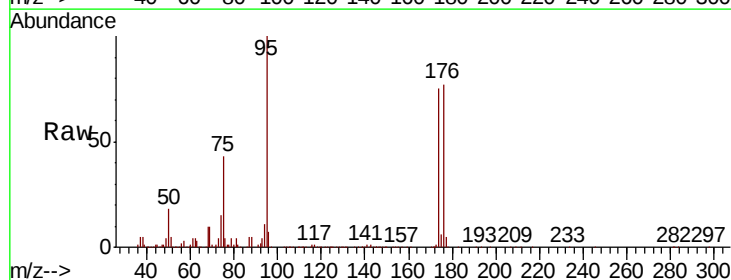
Tgt Ion: 95 Resp: 389789

Ion Ratio Lower Upper

95 100

174 74.7 0.0 131.2

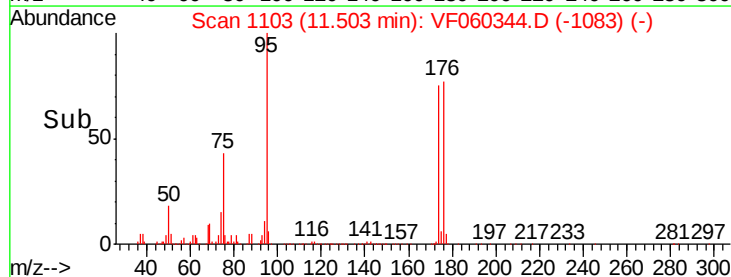
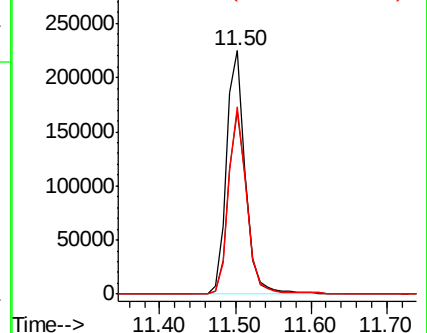
176 76.8 0.0 126.6

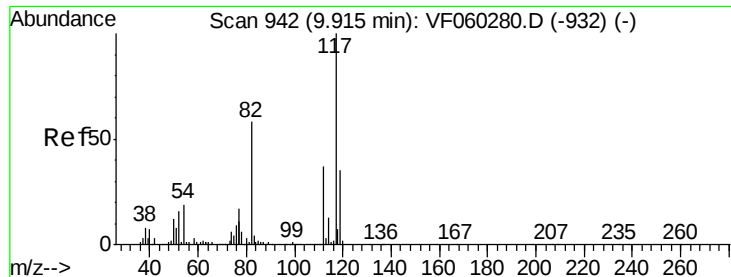


Abundance Ion 95.00 (94.70 to 95.70): VF0

Ion 174.00 (173.70 to 174.70): V

Ion 176.00 (175.70 to 176.70): V

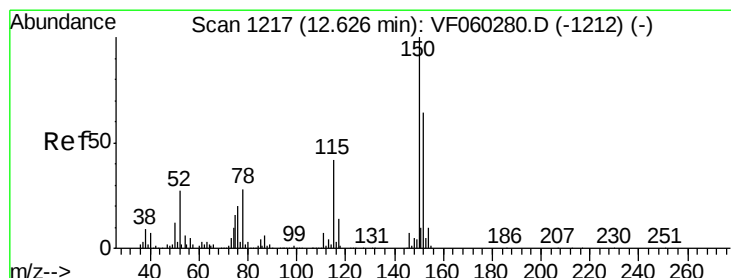
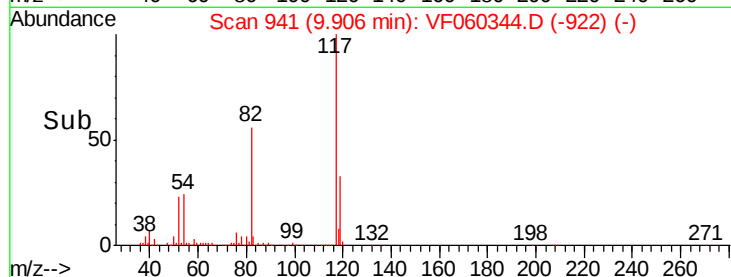
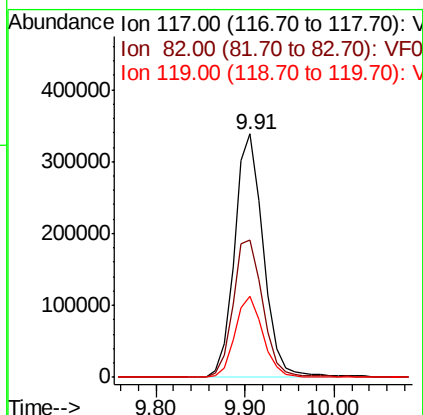
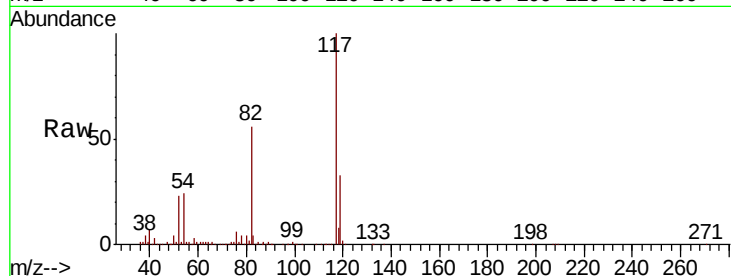




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 941
Delta R.T. -0.01 min
Lab File: VF060344.D
Acq: 26 Sep 2018 00:14

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

Tot Ion:117 Resp: 764594
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.2
119 33.3 27.8 41.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1217
Delta R.T. 0.00 min
Lab File: VF060344.D
Acq: 26 Sep 2018 00:14

Tgt Ion:152 Resp: 338748
Ion Ratio Lower Upper
152 100
115 56.3 32.6 97.8
150 150.5 0.0 314.2

