

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF092018\
 Data File : VF060299.D
 Acq On : 20 Sep 2018 13:17
 Operator : VA/AP
 Sample : J4983-01
 Misc : 5.05/5mL/MSVOA F/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 SAMPLE-01

Quant Time: Sep 21 09:26:10 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	234519	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	5.75	114	396210	50.00	ug/l	-0.01
63) Chlorobenzene-d5	9.90	117	340394	50.00	ug/l	-0.02
72) 1,4-Dichlorobenzene-d4	12.62	152	173130	50.00	ug/l	-0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.01	65	130587	41.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.70%	
35) Dibromofluoromethane	4.28	113	143759	40.70	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	81.40%	
50) Toluene-d8	7.69	98	336632	36.60	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	73.20%	
62) 4-Bromofluorobenzene	11.49	95	146324	36.80	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	73.60%	

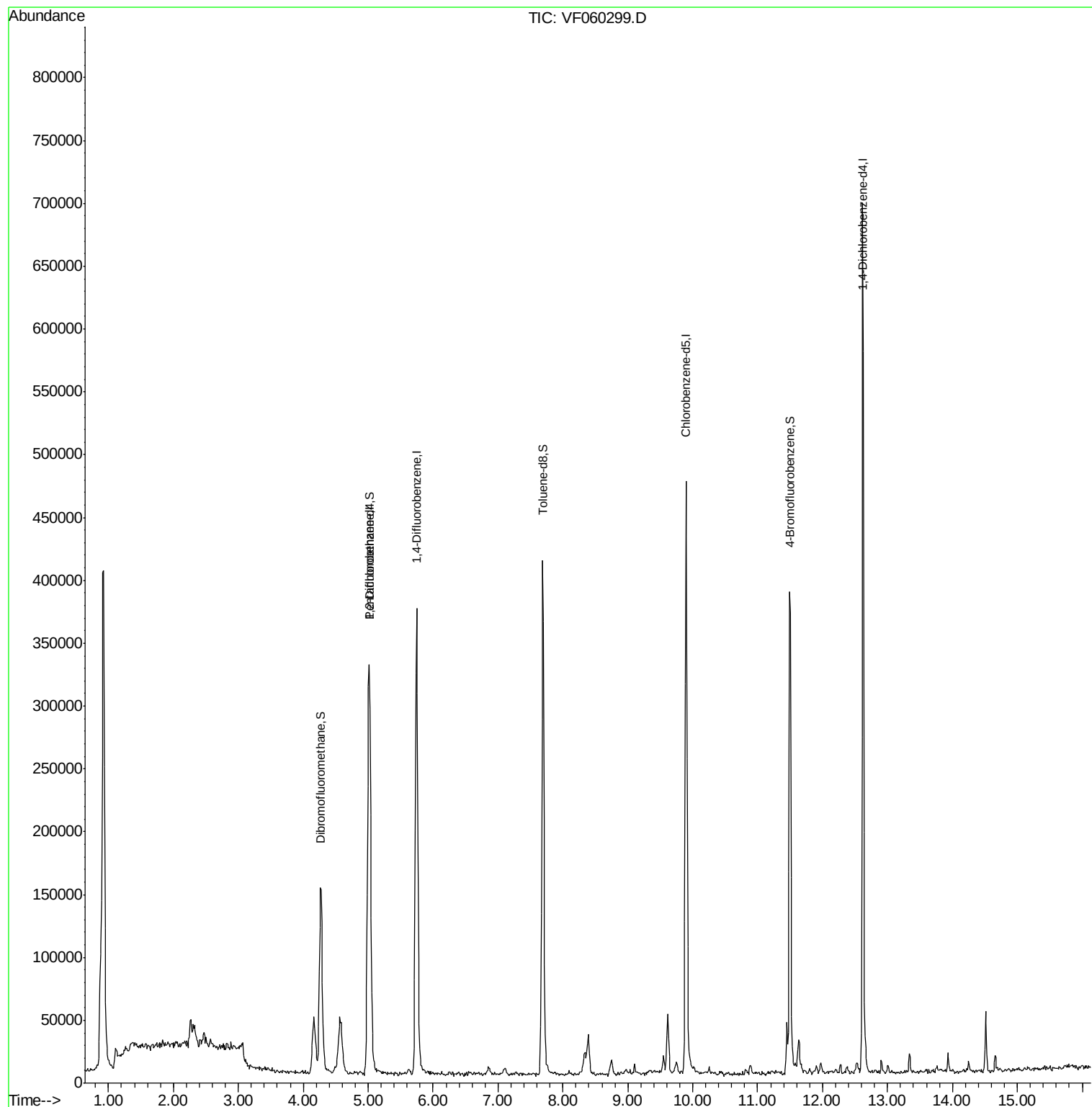
Target Compounds	Qvalue

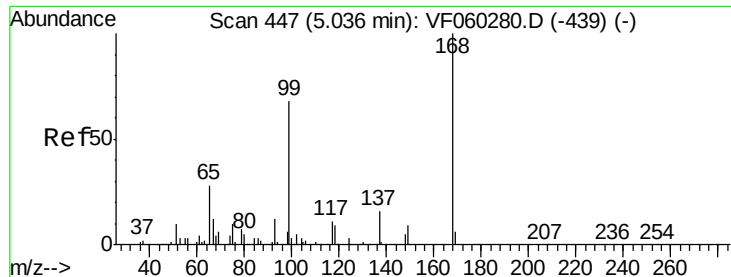
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.02 min Scan# 445

Delta R.T. -0.02 min

Lab File: VF060299.D

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Instrument :

MSVOA_F

ClientSampleId :

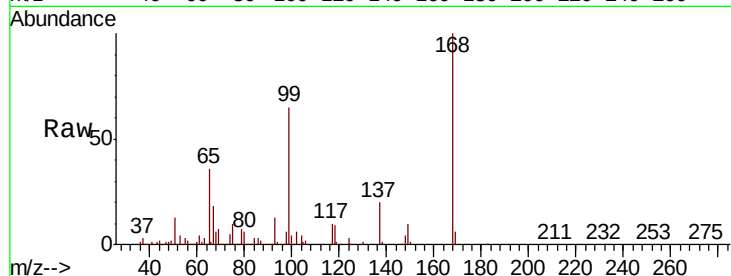
SAMPLE-01

Tot Ion:168 Resp: 234519

Ion Ratio Lower Upper

168 100

99 65.4 54.8 82.2



Abundance Ion 168.00 (167.70 to 168.70): V

Ion 99.00 (98.70 to 99.70): VF0

80000

60000

40000

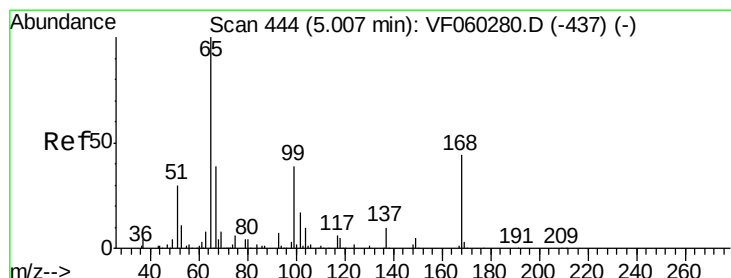
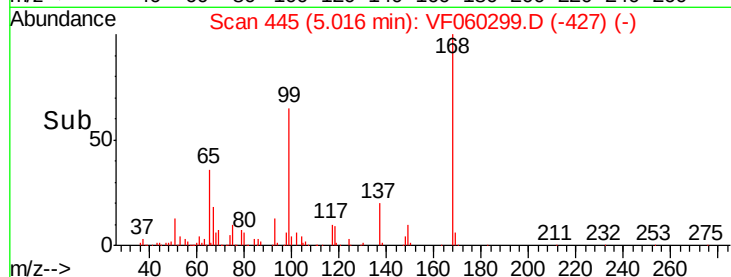
20000

0

Time-->

4.90 5.00 5.10 5.20

5.02



#33

1,2-Dichloroethane-d4

Concen: 41.353 ug/l

RT: 5.01 min Scan# 444

Delta R.T. -0.00 min

Lab File: VF060299.D

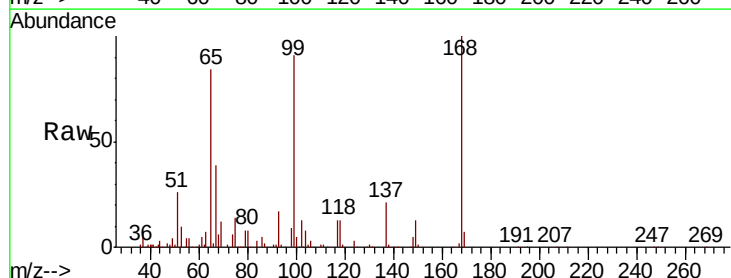
Acq: 20 Sep 2018 13:17

Tgt Ion: 65 Resp: 130587

Ion Ratio Lower Upper

65 100

67 46.7 0.0 94.4



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

50000

40000

30000

20000

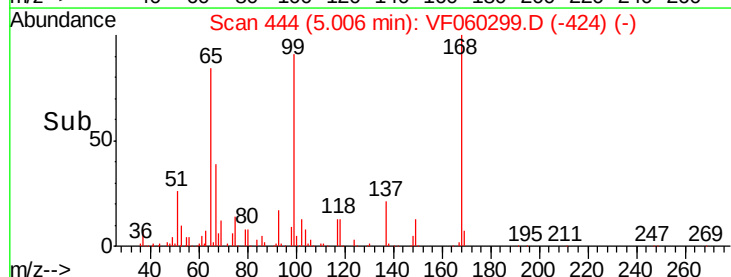
10000

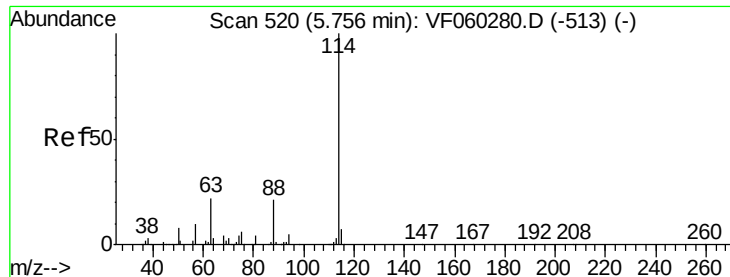
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Time-->

4.80 4.90 5.00 5.10 5.20

5.01

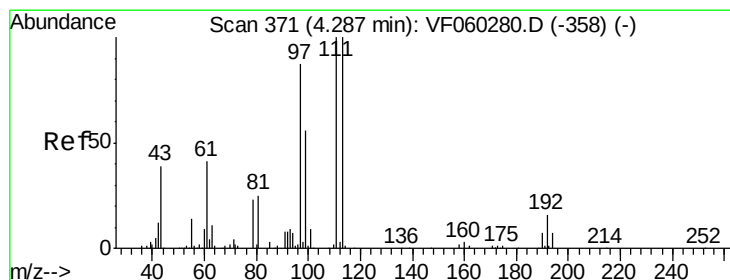
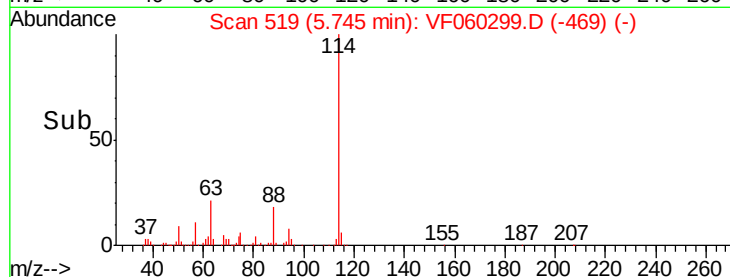
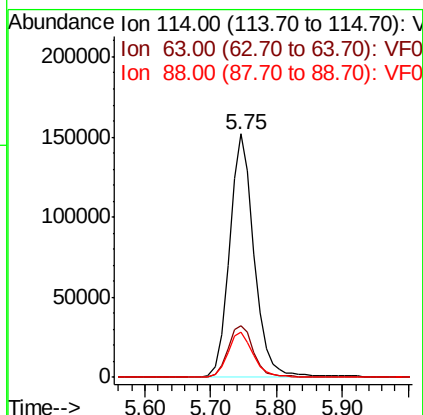
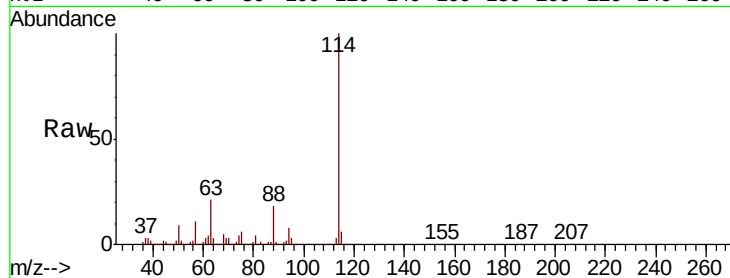




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.75 min Scan# 519
 Delta R.T. -0.01 min
 Lab File: VF060299.D
 Acq: 20 Sep 2018 13:17

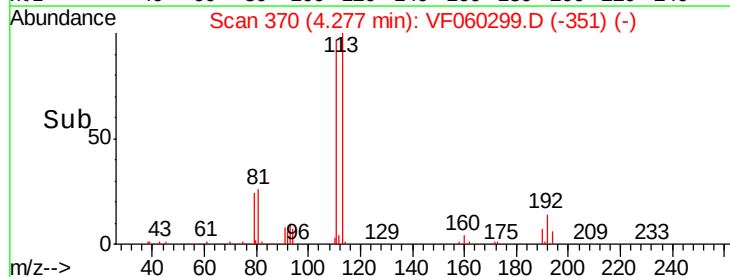
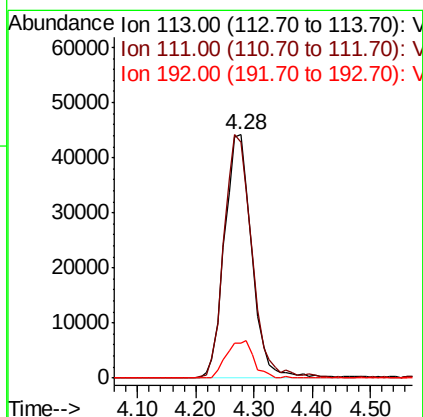
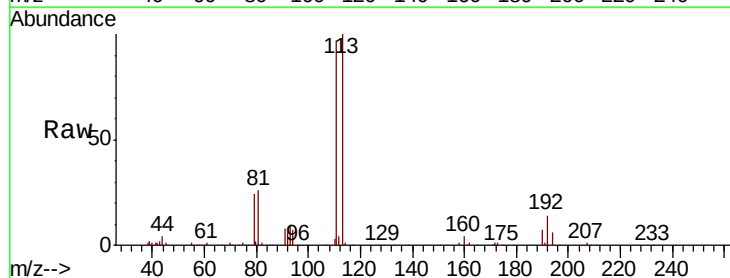
Instrument :
 MSVOA_F
 ClientSampleId :
 SAMPLE-01

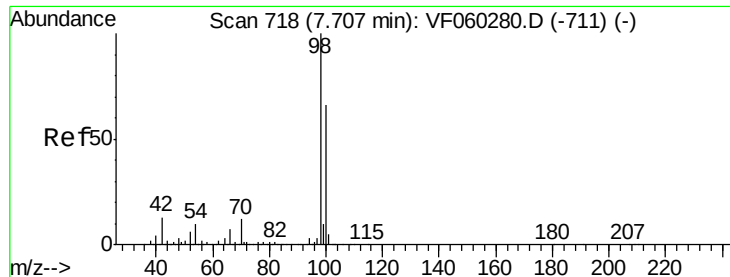
Tot Ion:	114	Resp:	396210
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	43.8
88	18.4	0.0	41.2



#35
 Dibromofluoromethane
 Concen: 40.703 ug/l
 RT: 4.28 min Scan# 370
 Delta R.T. -0.01 min
 Lab File: VF060299.D
 Acq: 20 Sep 2018 13:17

Tgt Ion:	113	Resp:	143759
Ion	Ratio	Lower	Upper
113	100		
111	97.1	79.6	119.4
192	14.3	13.0	19.6

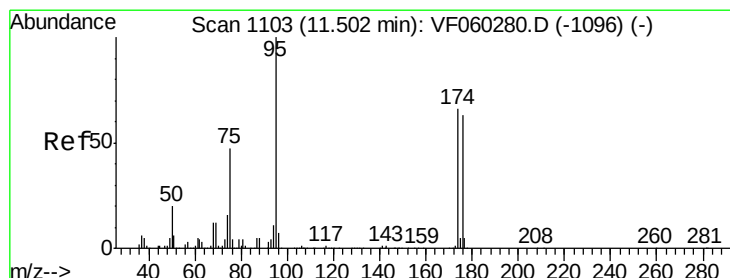
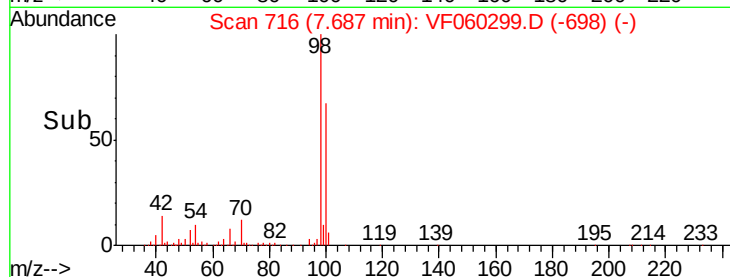
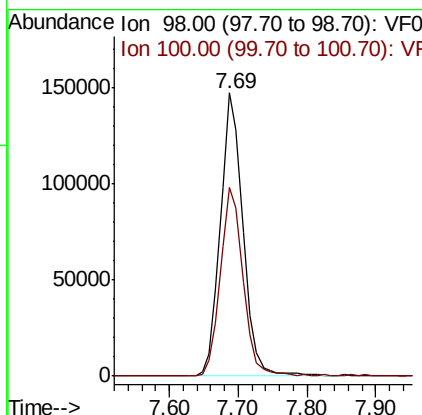
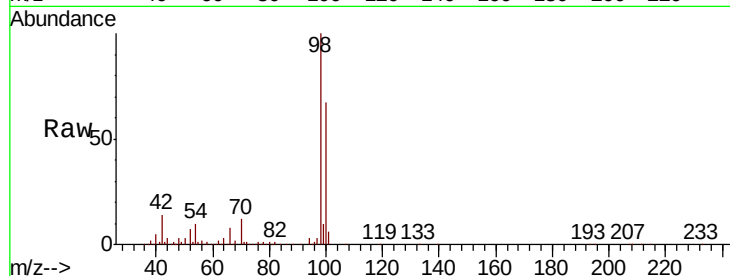




#50
Toluene-d8
Concen: 36.599 ug/l
RT: 7.69 min Scan# 716
Delta R.T. -0.02 min
Lab File: VF060299.D
Acq: 20 Sep 2018 13:17

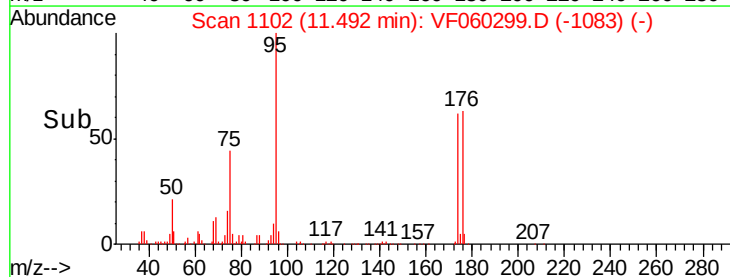
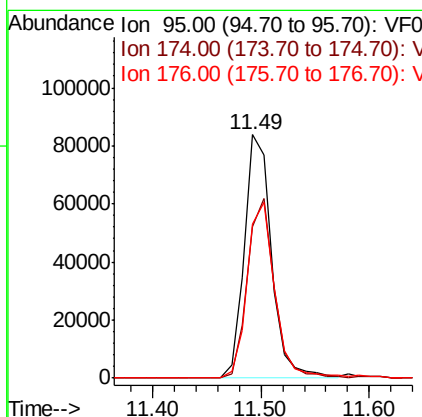
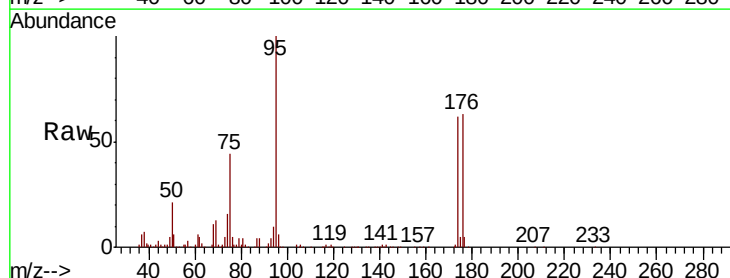
Instrument :
MSVOA_F
ClientSampleId :
SAMPLE-01

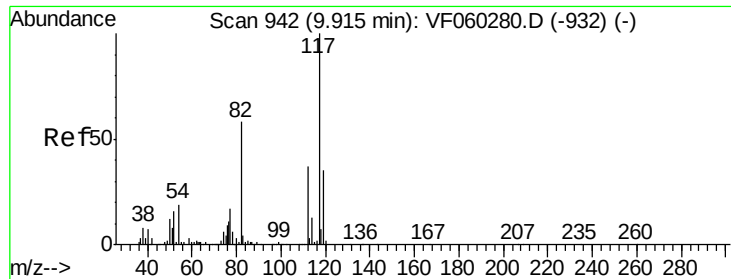
Tot Ion: 98 Resp: 336632
Ion Ratio Lower Upper
98 100
100 66.7 53.0 79.6



#62
4-Bromofluorobenzene
Concen: 36.802 ug/l
RT: 11.49 min Scan# 1102
Delta R.T. -0.01 min
Lab File: VF060299.D
Acq: 20 Sep 2018 13:17

Tgt Ion: 95 Resp: 146324
Ion Ratio Lower Upper
95 100
174 62.0 0.0 131.2
176 63.1 0.0 126.6

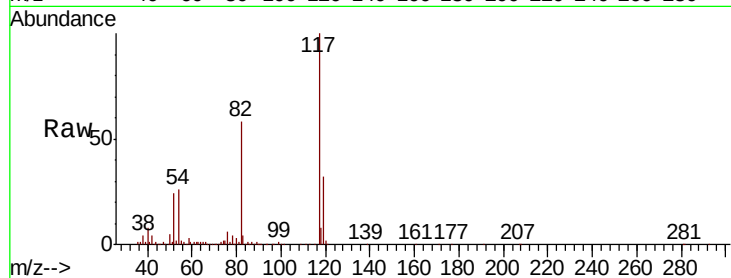




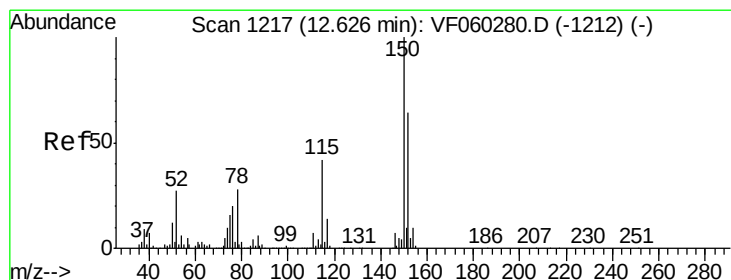
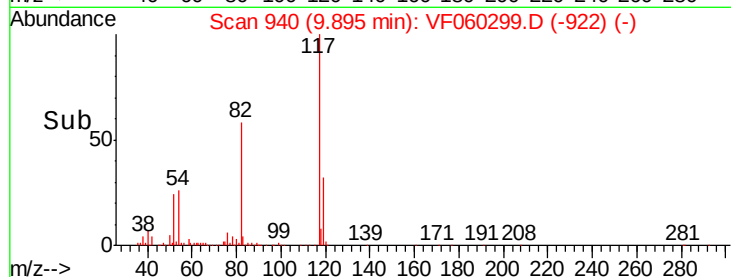
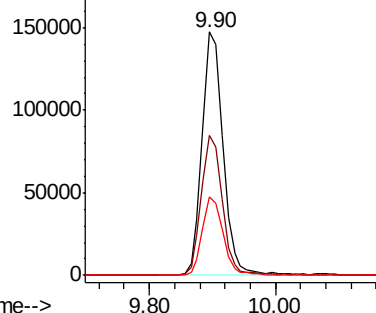
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.90 min Scan# 940
Delta R.T. -0.02 min
Lab File: VF060299.D
Acq: 20 Sep 2018 13:17

Instrument :
MSVOA_F
ClientSampleId :
SAMPLE-01

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.6	46.2	69.2
119	32.1	27.8	41.6

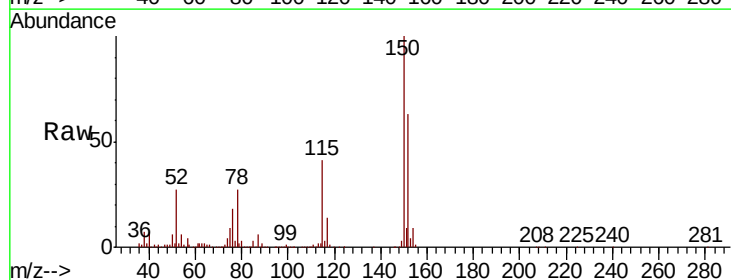


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.62 min Scan# 1216
Delta R.T. -0.01 min
Lab File: VF060299.D
Acq: 20 Sep 2018 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
115	65.2	32.6	97.8
150	158.7	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

