

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059744.D
 Acq On : 1 Aug 2018 9:12
 Operator : VA/AP
 Sample : J3823-01
 Misc : 6.10g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-073018-A

Quant Time: Aug 01 17:32:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 15:23:22 2018
 Response via : Initial Calibration

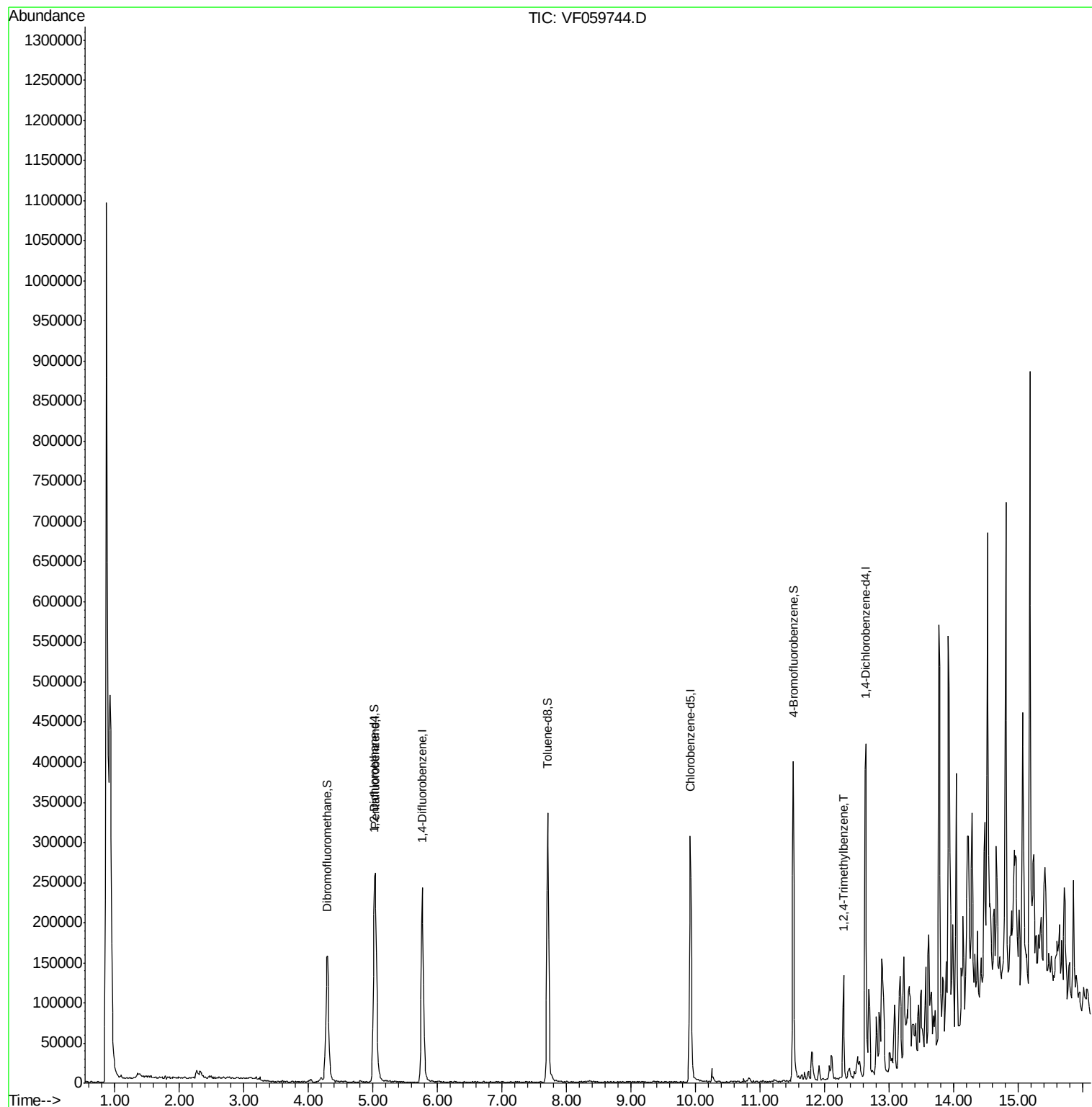
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.04	168	136213	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	201197	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.91	117	186338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.63	152	106540	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.02	65	178957	73.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	146.20%	
35) Dibromofluoromethane	4.30	113	139639	66.82	ug/l	0.01
Spiked Amount 50.000			Recovery	=	133.64%	
50) Toluene-d8	7.71	98	247453	50.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.56%	
62) 4-Bromofluorobenzene	11.51	95	125584	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
Target Compounds						
84) 1,2,4-Trimethylbenzene	12.29	105	57719	6.299	ug/l	Qvalue 96

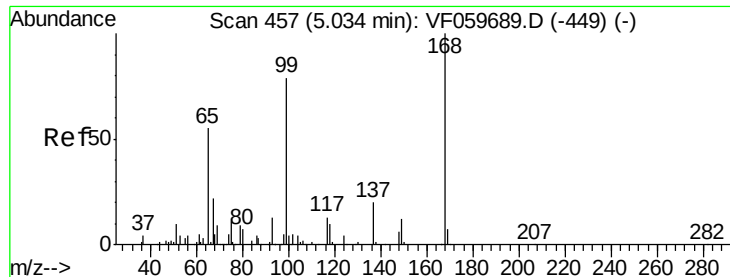
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Jul 31 15:23:22 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.04 min Scan# 458

Delta R.T. 0.01 min

Lab File: VF059744.D

Acq: 1 Aug 2018 9:12

Instrument :

MSVOA_F

ClientSampleId :

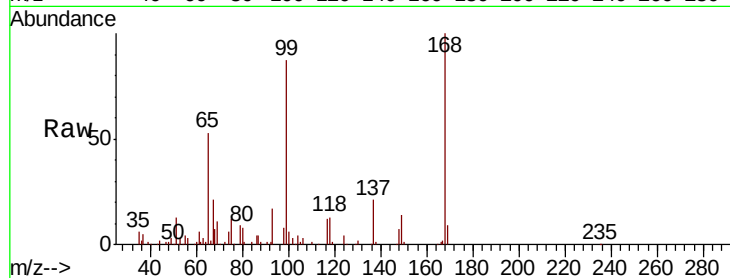
NB-08-073018-A

Tot Ion:168 Resp: 136213

Ion Ratio Lower Upper

168 100

99 87.3 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0

5.04

40000

30000

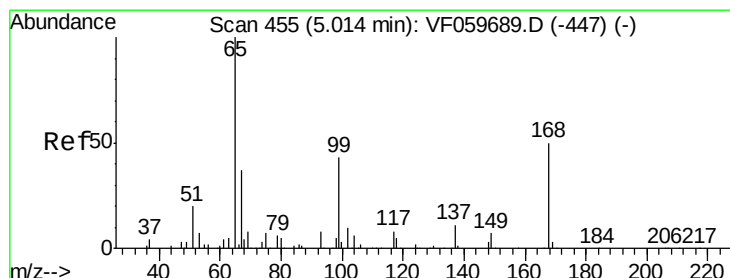
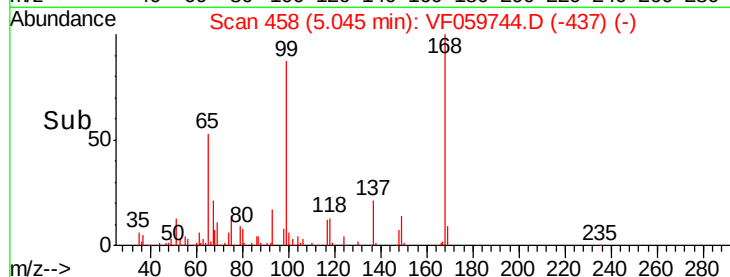
20000

10000

0

4.90 5.00 5.10 5.20

Time-->



#33

1,2-Dichloroethane-d4

Concen: 73.103 ug/l

RT: 5.02 min Scan# 455

Delta R.T. 0.00 min

Lab File: VF059744.D

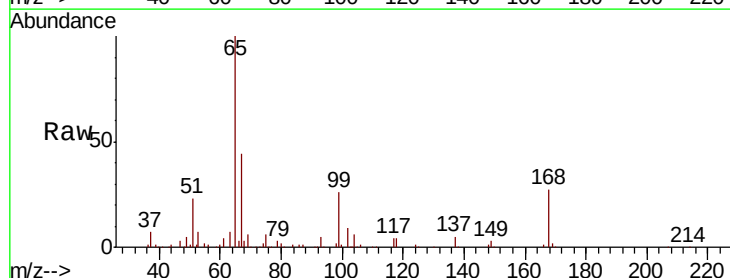
Acq: 1 Aug 2018 9:12

Tgt Ion: 65 Resp: 178957

Ion Ratio Lower Upper

65 100

67 44.4 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

5.02

60000

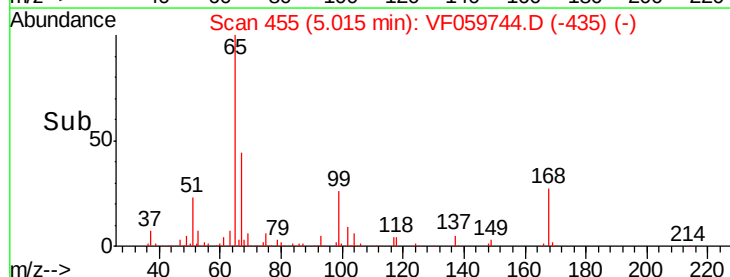
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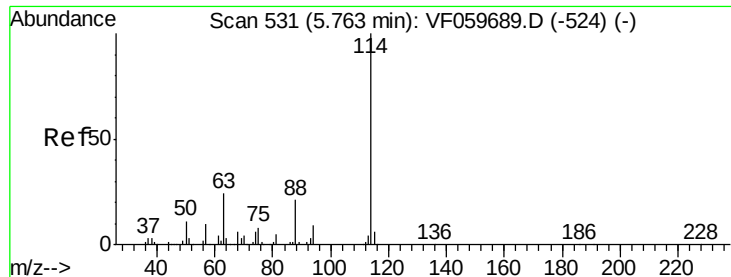
20000

0

4.90 5.00 5.10 5.20

Time-->

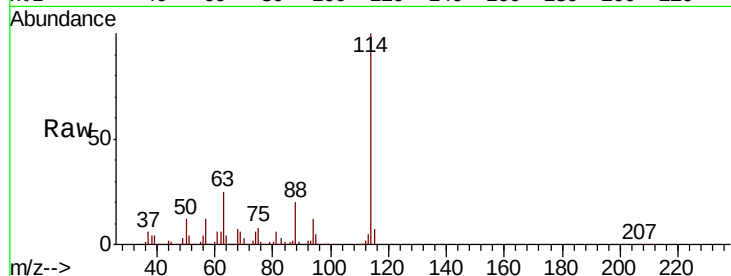




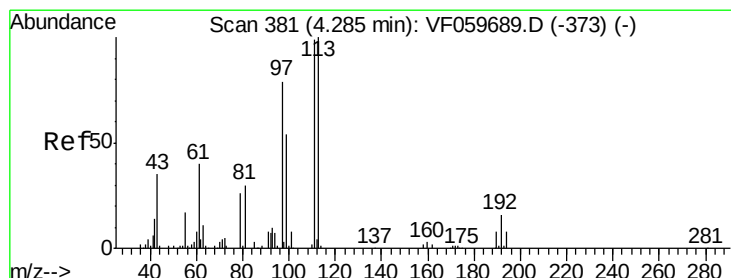
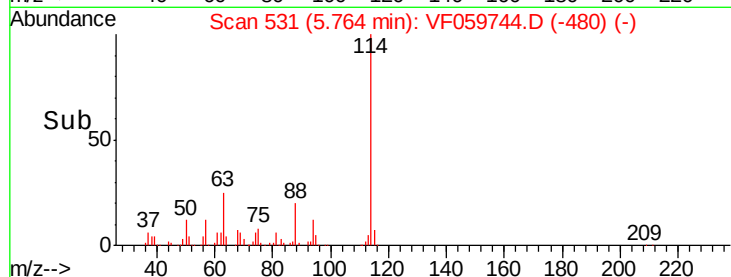
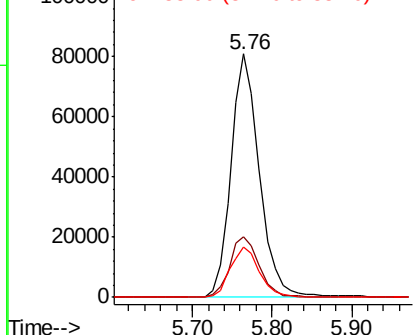
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059744.D
 Acq: 1 Aug 2018 9:12

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-073018-A

Tot Ion:	114	Resp:	201197
Ion	Ratio	Lower	Upper
114	100		
63	24.8	0.0	47.4
88	20.5	0.0	41.2

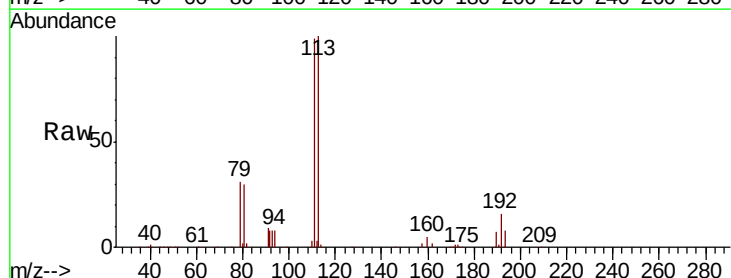


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

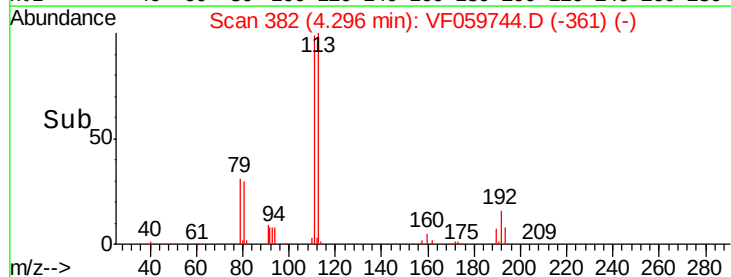
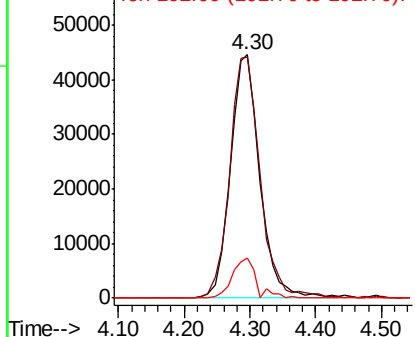


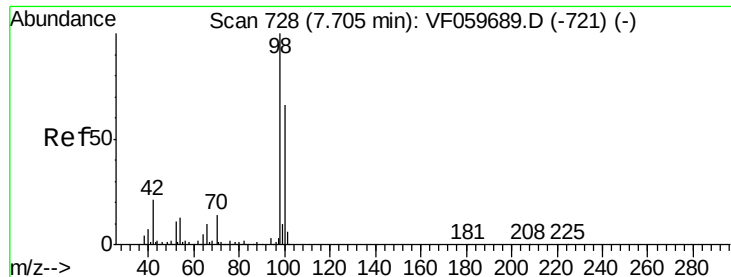
#35
 Dibromofluoromethane
 Concen: 66.821 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059744.D
 Acq: 1 Aug 2018 9:12

Tgt Ion:	113	Resp:	139639
Ion	Ratio	Lower	Upper
113	100		
111	98.9	79.0	118.4
192	16.3	13.2	19.8



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

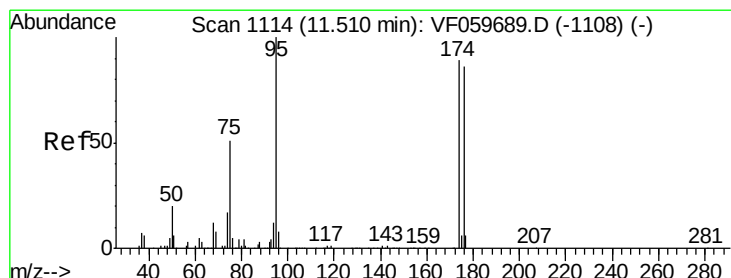
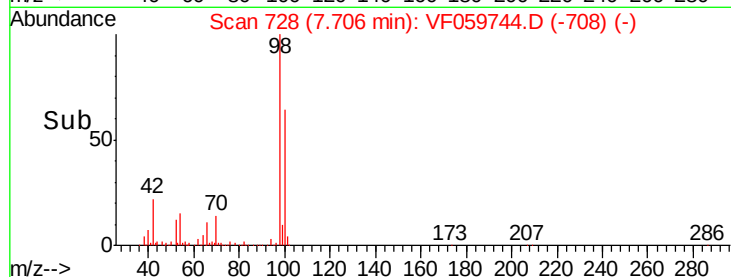
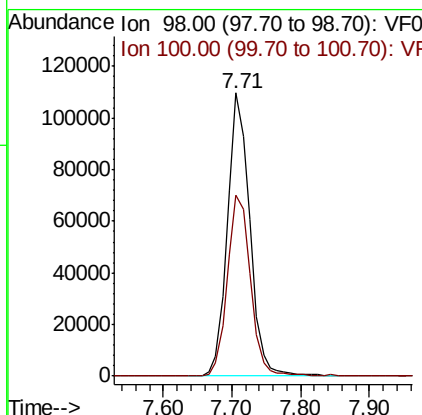
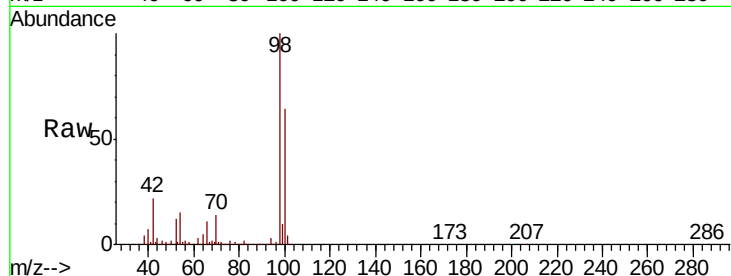




#50
Toluene-d8
Concen: 50.779 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059744.D
Acq: 1 Aug 2018 9:12

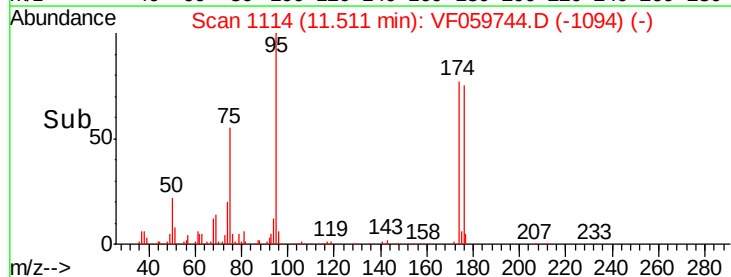
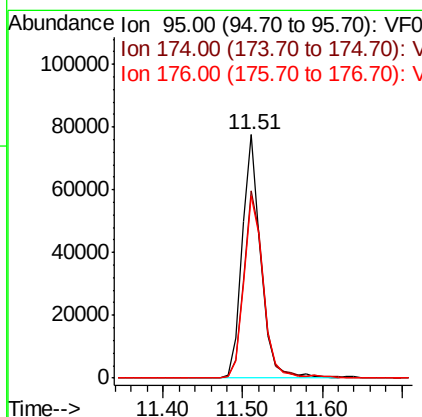
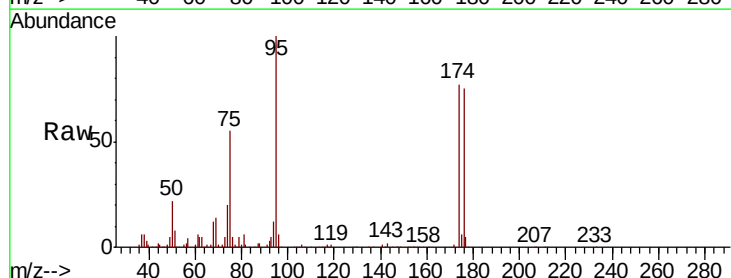
Instrument :
MSVOA_F
ClientSampleId :
NB-08-073018-A

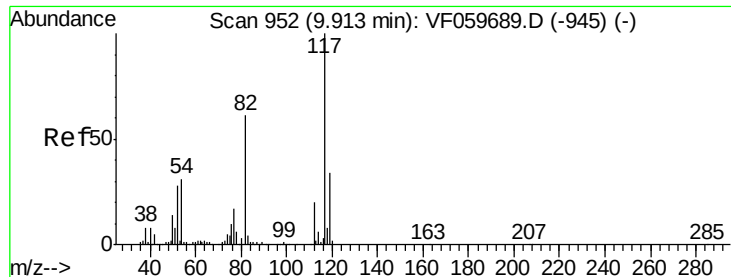
Tot Ion: 98 Resp: 247453
Ion Ratio Lower Upper
98 100
100 63.9 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 46.550 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059744.D
Acq: 1 Aug 2018 9:12

Tgt Ion: 95 Resp: 125584
Ion Ratio Lower Upper
95 100
174 77.1 0.0 178.4
176 74.8 0.0 173.0

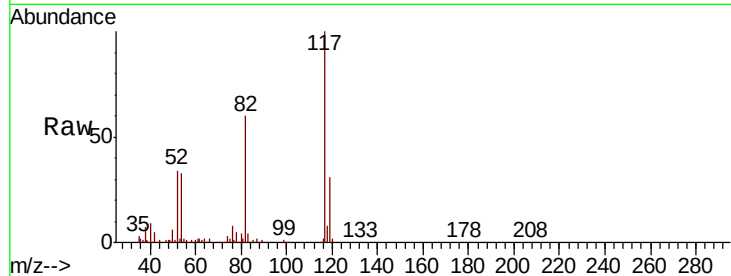




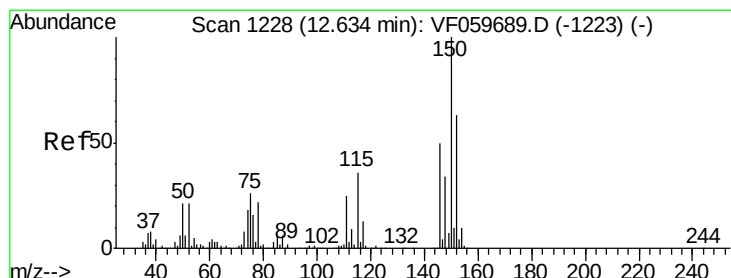
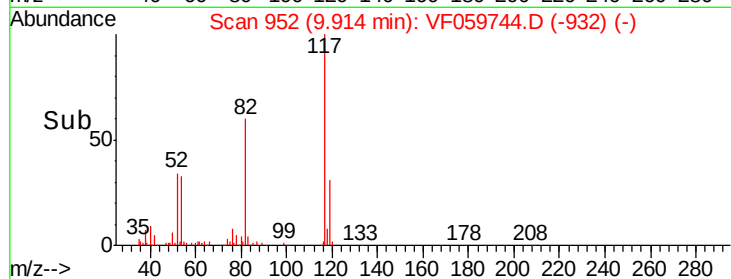
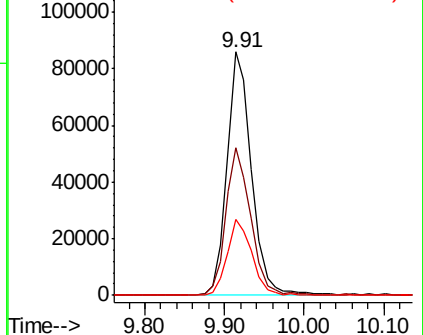
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.91 min Scan# 952
Delta R.T. 0.00 min
Lab File: VF059744.D
Acq: 1 Aug 2018 9:12

Instrument :
MSVOA_F
ClientSampleId :
NB-08-073018-A

Tot Ion:117 Resp: 186338
Ion Ratio Lower Upper
117 100
82 60.4 49.0 73.4
119 31.1 27.3 40.9

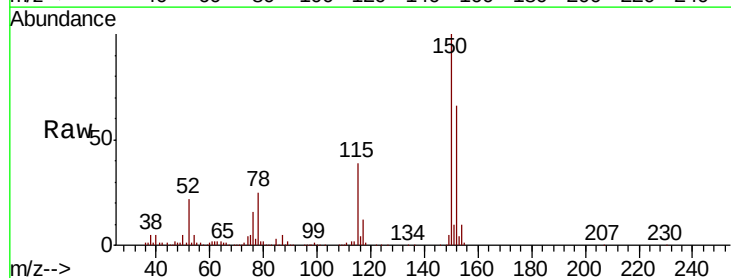


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V

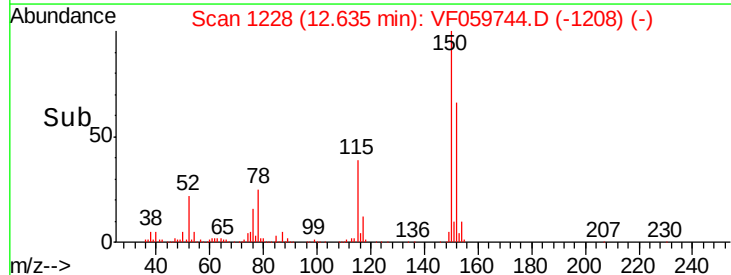
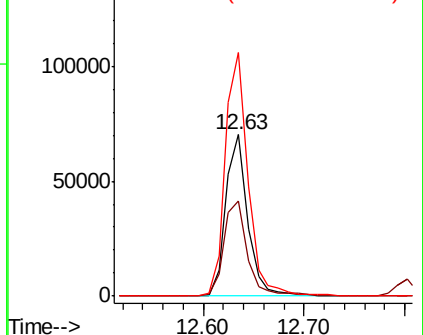


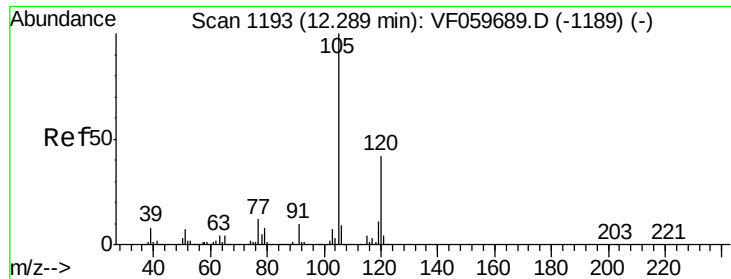
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059744.D
Acq: 1 Aug 2018 9:12

Tgt Ion:152 Resp: 106540
Ion Ratio Lower Upper
152 100
115 58.7 28.2 84.6
150 151.0 0.0 316.2



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





#84
 1,2,4-Trimethylbenzene
 Concen: 6.299 ug/l
 RT: 12.29 min Scan# 1193
 Delta R.T. 0.00 min
 Lab File: VF059744.D
 Acq: 1 Aug 2018 9:12

Instrument :
 MSVOA_F
 ClientSampleId :
 NB-08-073018-A

Tot Ion:105 Resp: 57719
 Ion Ratio Lower Upper
 105 100
 120 40.0 21.1 63.3

