

Data Path : Z:\VOASRV\HPCHEM1\MSVOA F\DATA\VF073118\
 Data File : VF059745.D
 Acq On : 1 Aug 2018 9:42
 Operator : VA/AP
 Sample : J3823-03
 Misc : 6.40g/5mL/MSVOA F/SOIL
 ALS Vial : 100 Sample Multiplier: 1

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

Quant Time: Aug 01 13:26:30 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	235306	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	5.76	114	346068	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.92	117	317758	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.63	152	171427	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.02	65	174948	41.37	ug/l	0.01
Spiked Amount 50.000			Recovery	=	82.74%	
35) Dibromofluoromethane	4.30	113	142001	39.51	ug/l	0.01
Spiked Amount 50.000			Recovery	=	79.02%	
50) Toluene-d8	7.71	98	285951	34.11	ug/l	0.00
Spiked Amount 50.000			Recovery	=	68.22%	
62) 4-Bromofluorobenzene	11.51	95	143637	30.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	61.90%	

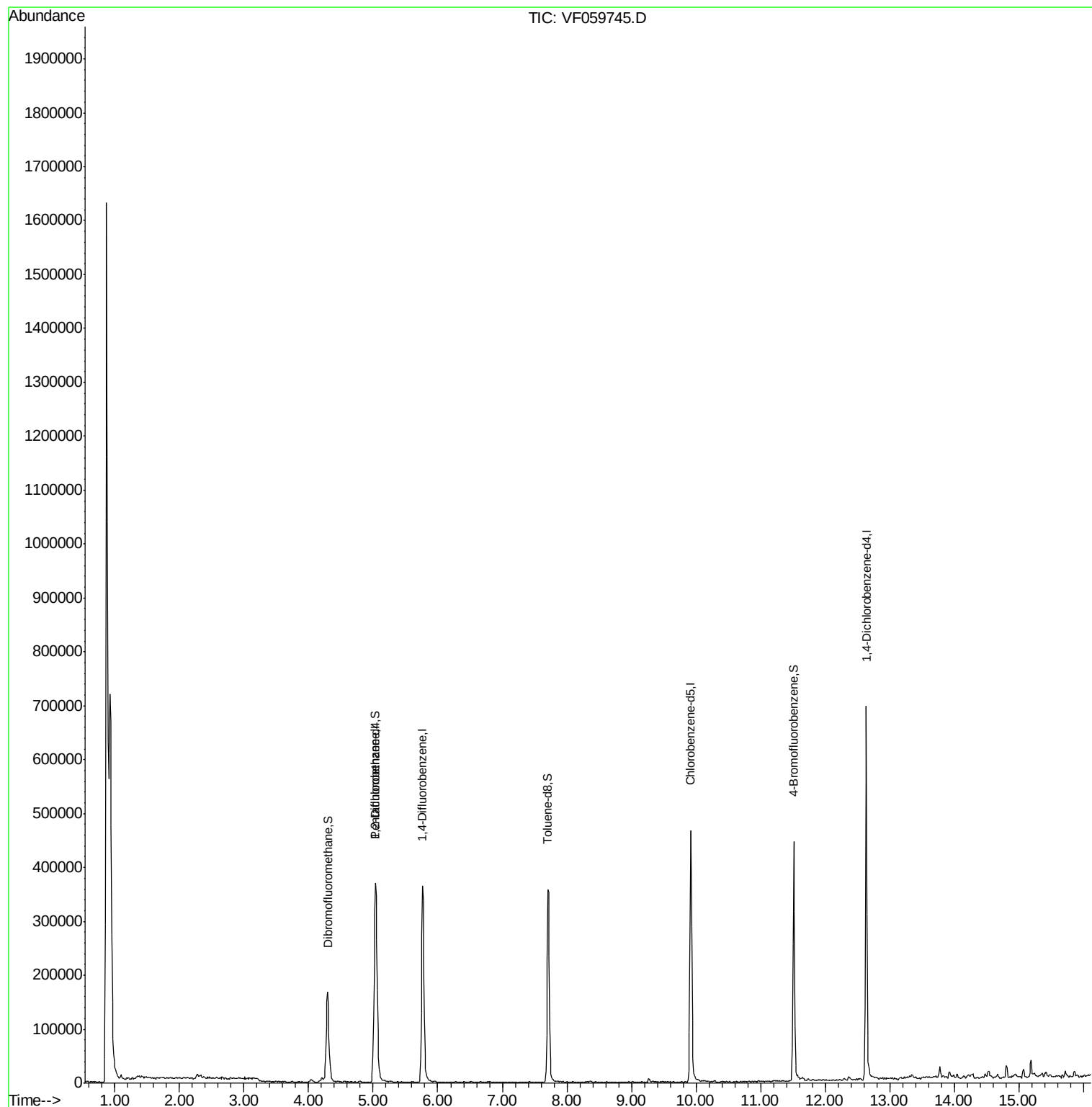
Target Compounds	Qvalue
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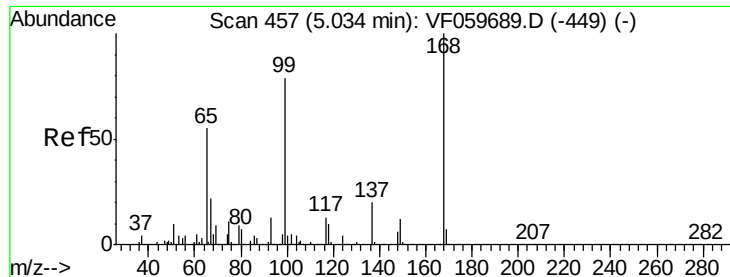
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VF059745.D

Acq: 1 Aug 2018 9:42

Instrument :

MSVOA_F

ClientSampleId :

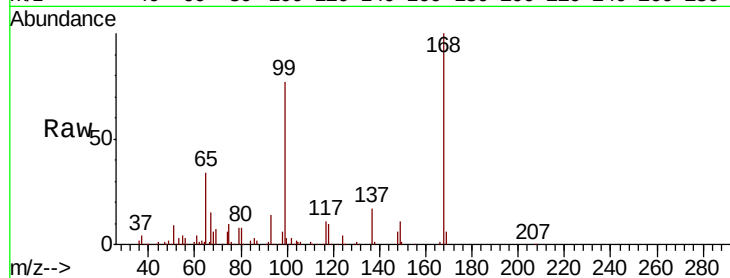
NB-08-073018-B

Tot Ion:168 Resp: 235306

Ion Ratio Lower Upper

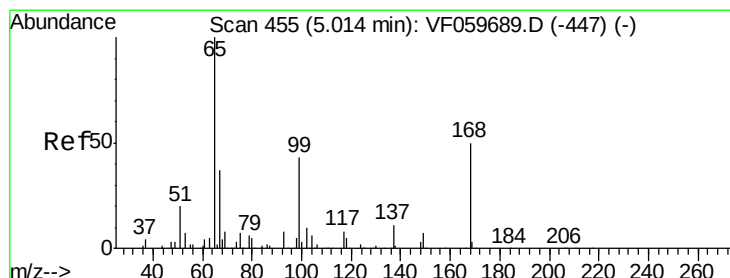
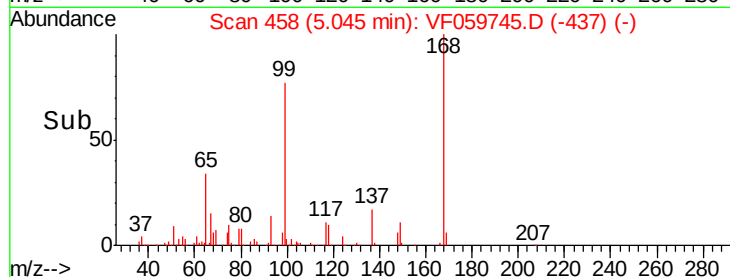
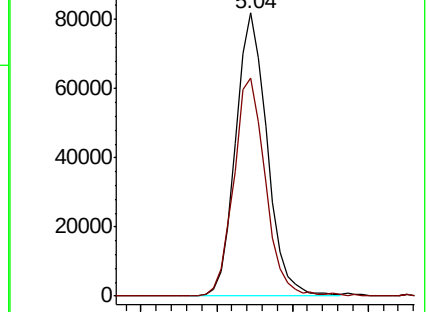
168 100

99 77.1 63.3 94.9



Abundance Ion 168.00 (167.70 to 168.70): VF0

Ion 99.00 (98.70 to 99.70): VF0



#33

1,2-Dichloroethane-d4

Concen: 41.370 ug/l

RT: 5.02 min Scan# 456

Delta R.T. 0.01 min

Lab File: VF059745.D

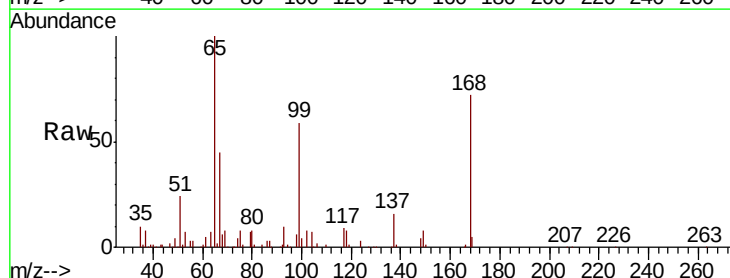
Acq: 1 Aug 2018 9:42

Tgt Ion: 65 Resp: 174948

Ion Ratio Lower Upper

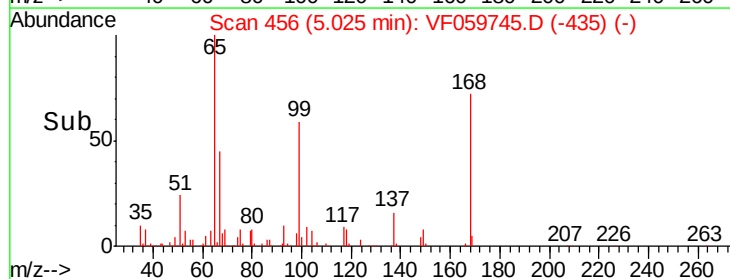
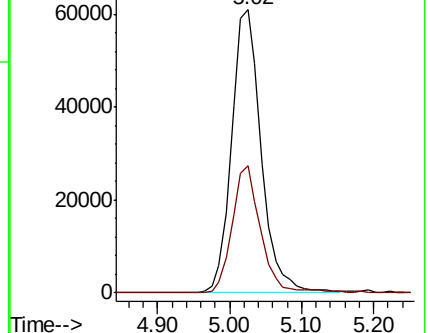
65 100

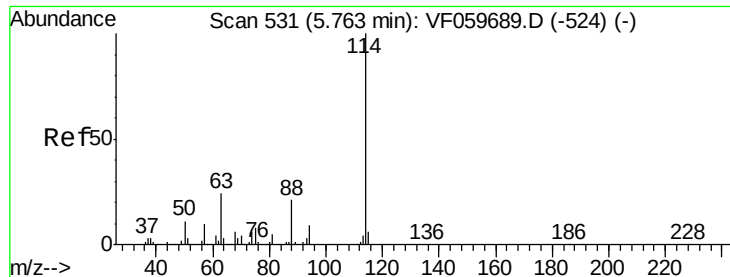
67 44.9 0.0 84.6



Abundance Ion 65.00 (64.70 to 65.70): VF0

Ion 67.00 (66.70 to 67.70): VF0

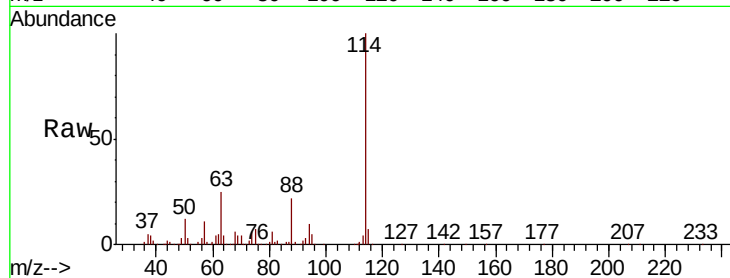




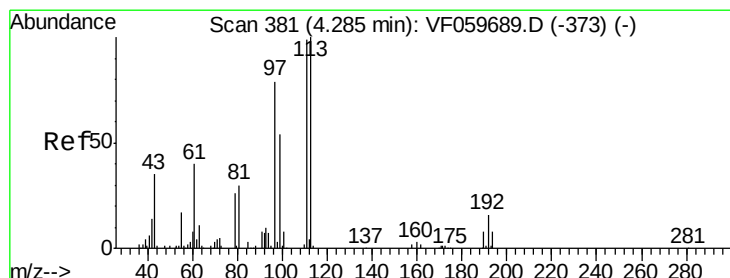
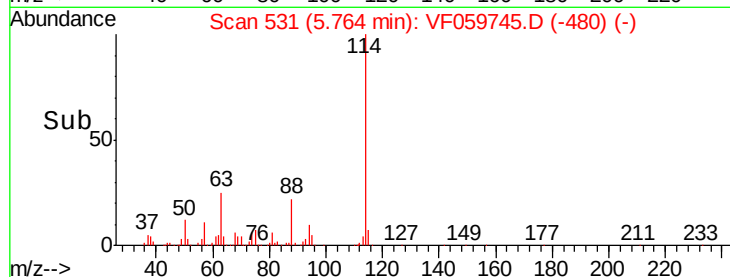
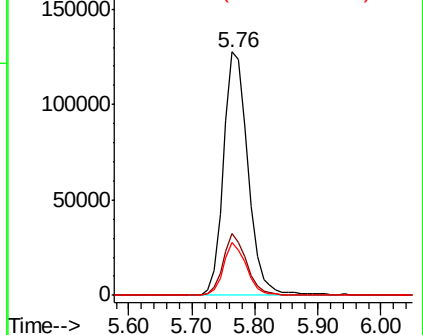
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.76 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VF059745.D
 Acq: 1 Aug 2018 9:42

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

Tot Ion:114 Resp: 346068
 Ion Ratio Lower Upper
 114 100
 63 25.3 0.0 47.4
 88 21.7 0.0 41.2

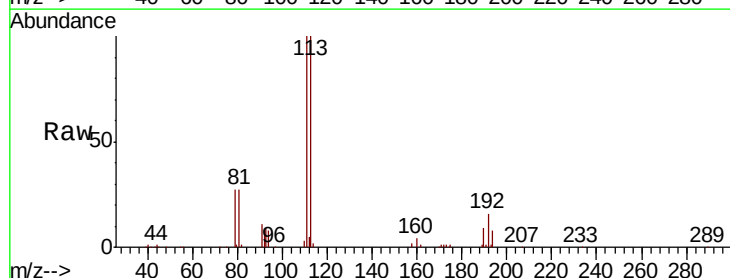


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VF0
 Ion 88.00 (87.70 to 88.70): VF0

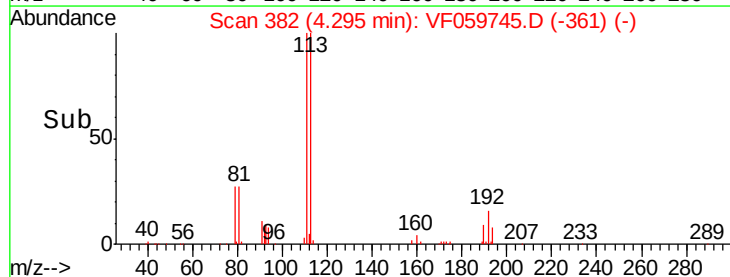
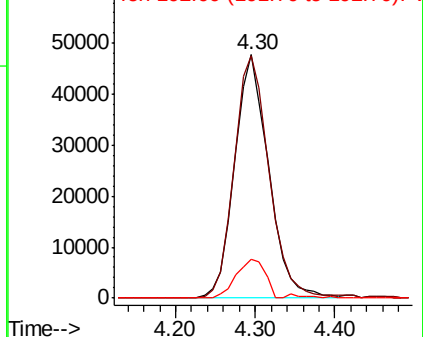


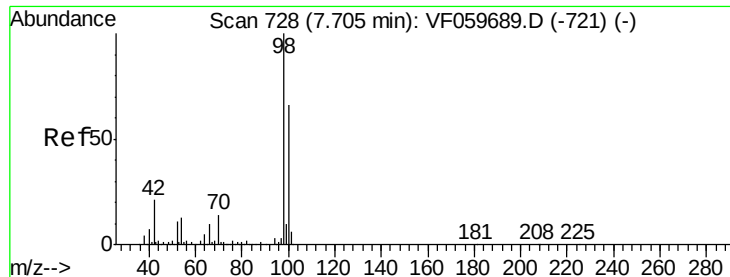
#35
 Dibromofluoromethane
 Concen: 39.506 ug/l
 RT: 4.30 min Scan# 382
 Delta R.T. 0.01 min
 Lab File: VF059745.D
 Acq: 1 Aug 2018 9:42

Tgt Ion:113 Resp: 142001
 Ion Ratio Lower Upper
 113 100
 111 99.5 79.0 118.4
 192 16.0 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

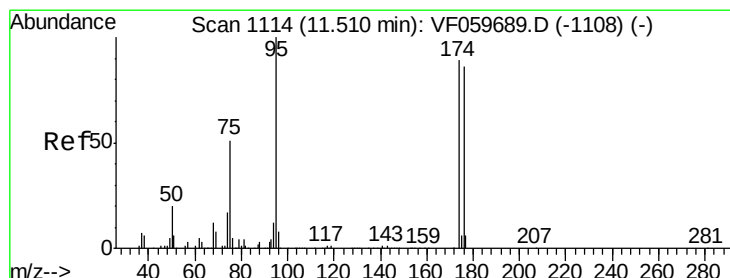
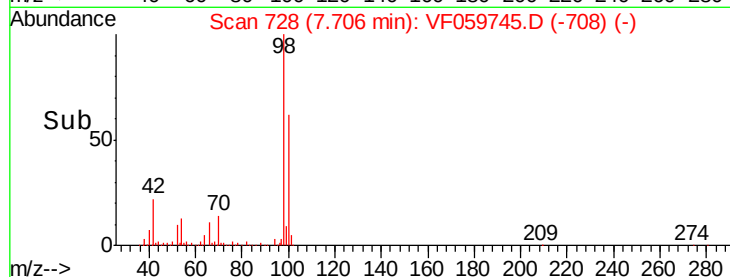
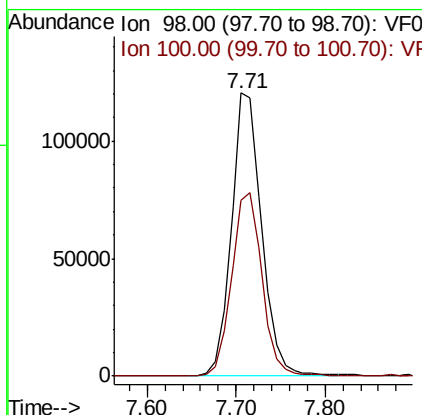
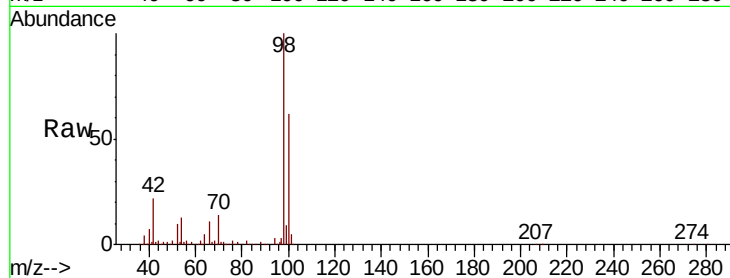




#50
Toluene-d8
Concen: 34.115 ug/l
RT: 7.71 min Scan# 728
Delta R.T. 0.00 min
Lab File: VF059745.D
Acq: 1 Aug 2018 9:42

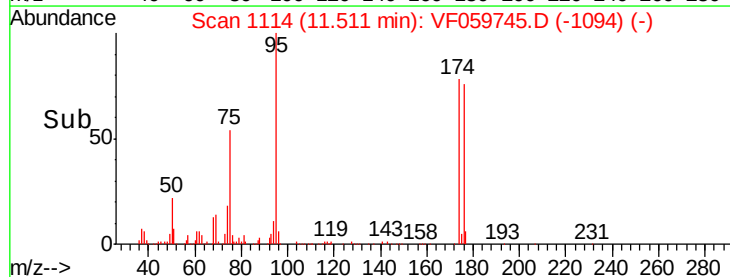
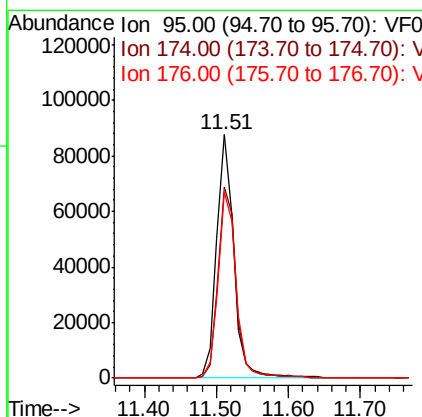
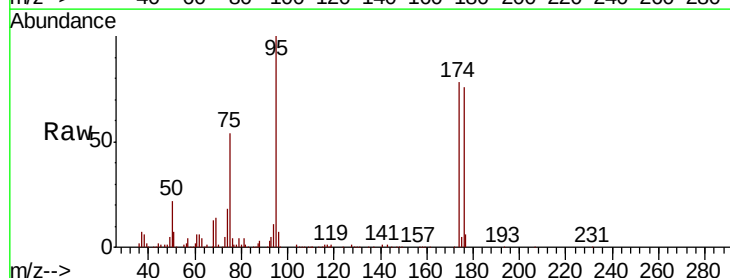
Instrument :
MSVOA_F
ClientSampleId :
NB-08-073018-B

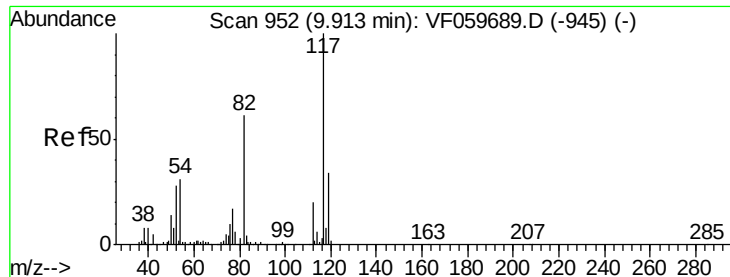
Tot Ion: 98 Resp: 285951
Ion Ratio Lower Upper
98 100
100 62.1 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 30.954 ug/l
RT: 11.51 min Scan# 1114
Delta R.T. 0.00 min
Lab File: VF059745.D
Acq: 1 Aug 2018 9:42

Tgt Ion: 95 Resp: 143637
Ion Ratio Lower Upper
95 100
174 78.4 0.0 178.4
176 76.5 0.0 173.0

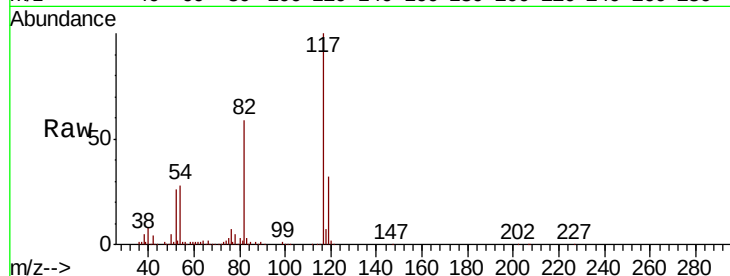




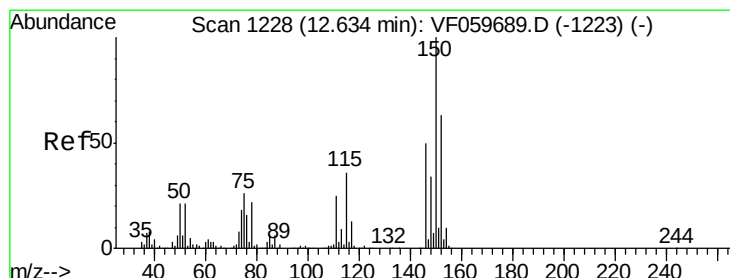
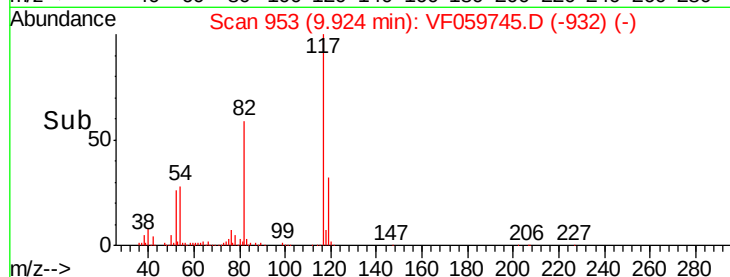
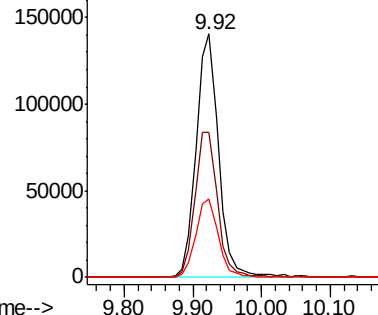
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.92 min Scan# 953
Delta R.T. 0.01 min
Lab File: VF059745.D
Acq: 1 Aug 2018 9:42

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

Tot Ion	Ratio	Lower	Upper
117	100		
82	59.4	49.0	73.4
119	32.2	27.3	40.9

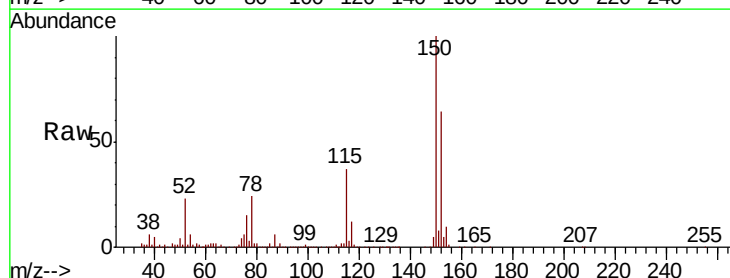


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): VF0
Ion 119.00 (118.70 to 119.70): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.63 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VF059745.D
Acq: 1 Aug 2018 9:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	28.2	84.6
150	156.0	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

