

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN073018\
 Data File : VN050177.D
 Acq On : 30 Jul 2018 10:52
 Operator : MD\SY
 Sample : VN0730WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

Quant Time: Jul 31 01:22:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 26 18:10:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	667755	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1059887	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	867461	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	288560	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	445601	47.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.66%	
35) Dibromofluoromethane	7.59	113	412360	47.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.30%	
50) Toluene-d8	10.09	98	1457136	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	12.40	95	375294	35.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.66%	

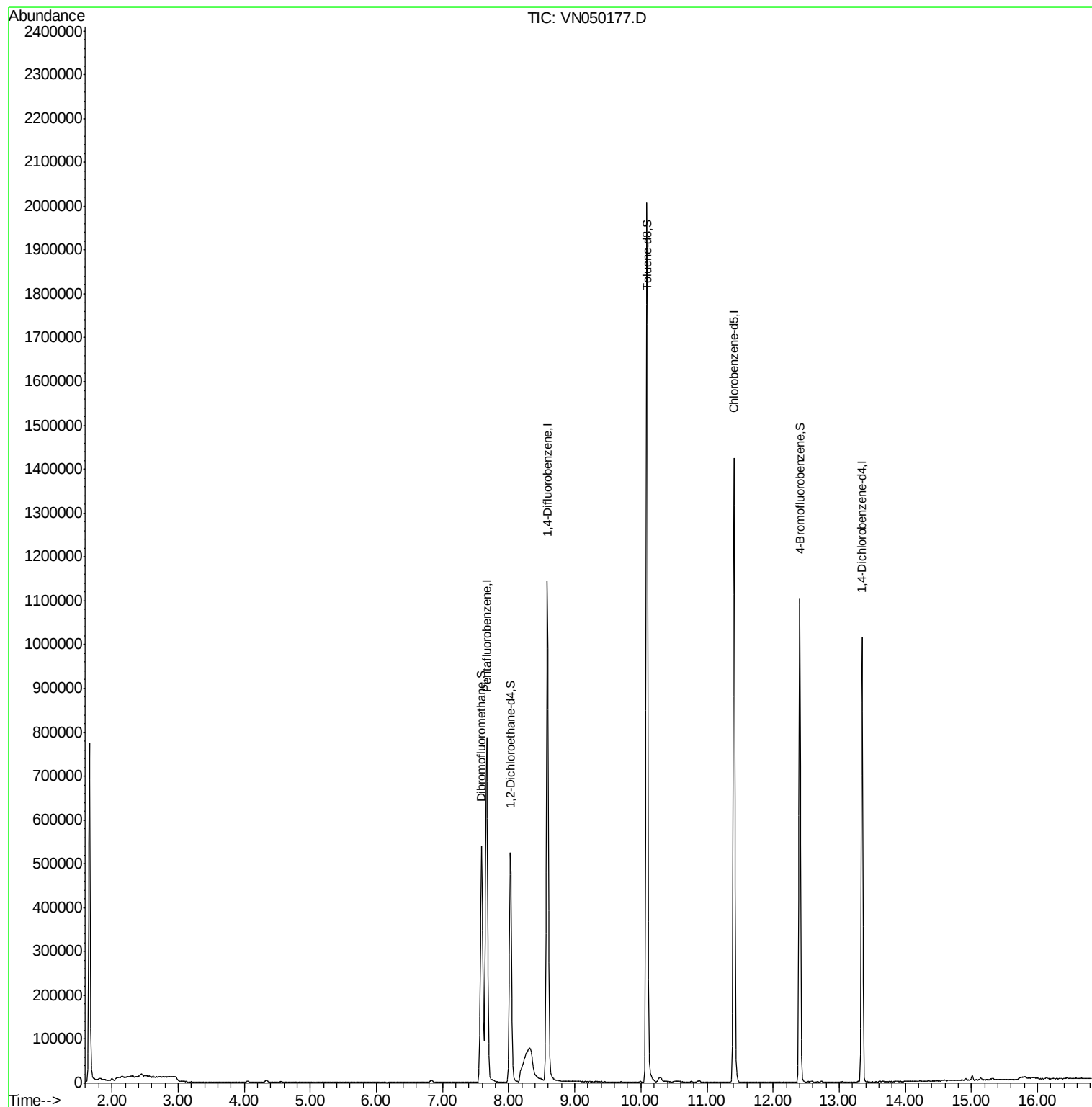
Target Compounds	Qvalue

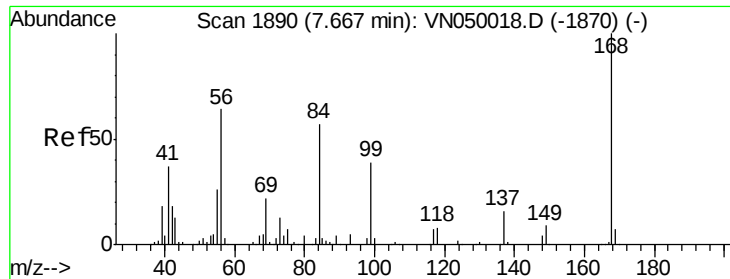
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jul 26 18:10:10 2018
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1890

Delta R.T. -0.00 min

Lab File: VN050177.D

Acq: 30 Jul 2018 10:52

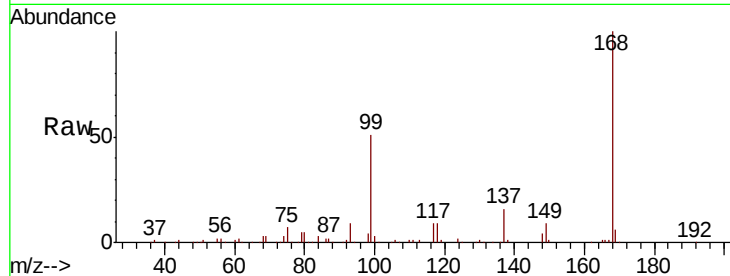
Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tot Ion:168 Resp: 667755

Ion Ratio Lower Upper

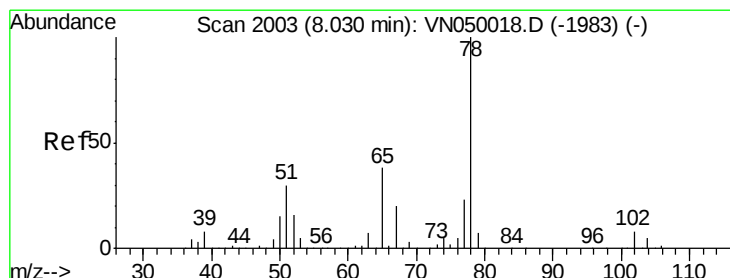
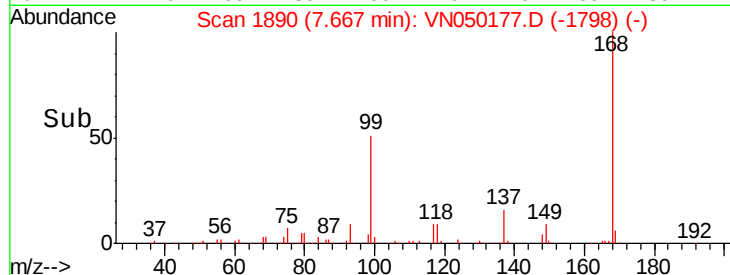
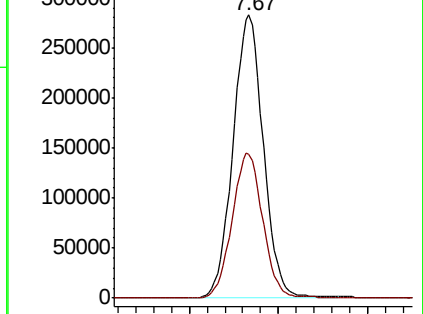
168 100

99 50.8 40.0 60.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 47.83 ug/l

RT: 8.03 min Scan# 2002

Delta R.T. -0.00 min

Lab File: VN050177.D

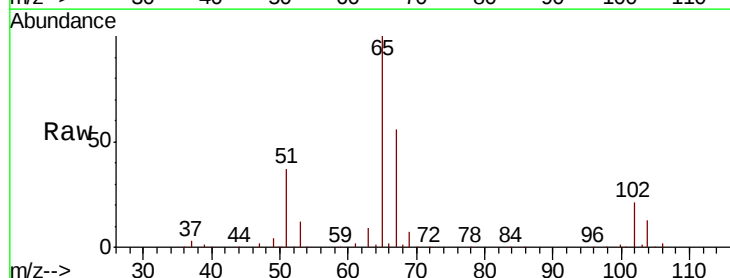
Acq: 30 Jul 2018 10:52

Tgt Ion: 65 Resp: 445601

Ion Ratio Lower Upper

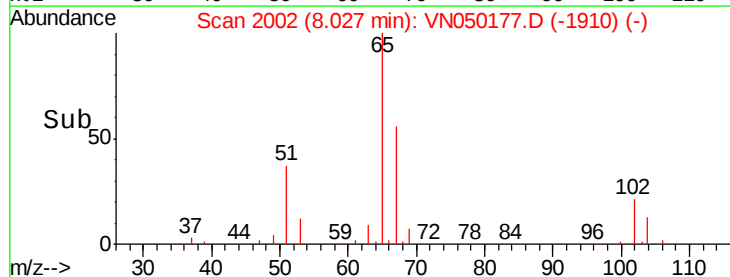
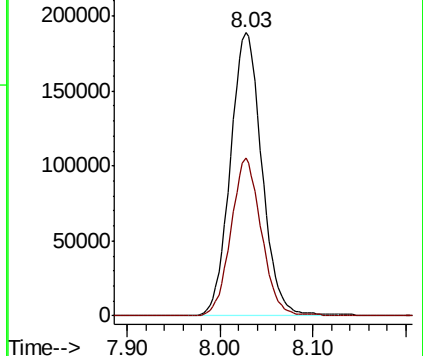
65 100

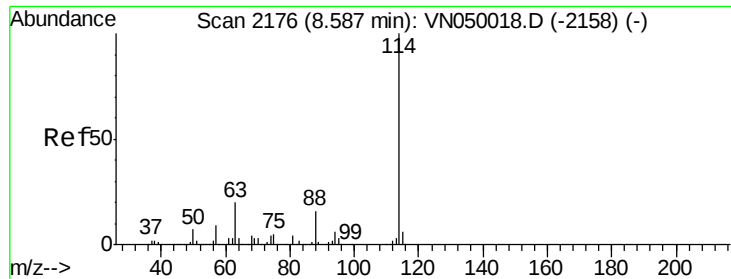
67 54.0 0.0 108.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0



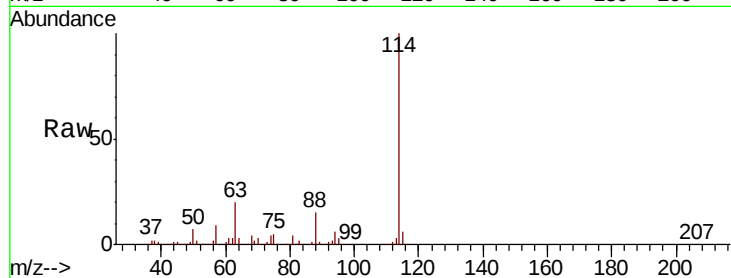


#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.59 min Scan# 2176
 Delta R.T. -0.00 min
 Lab File: VN050177.D
 Acq: 30 Jul 2018 10:52

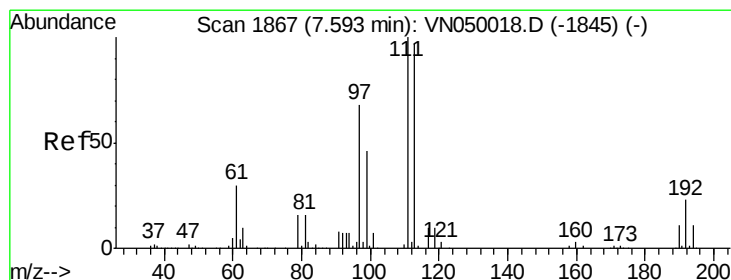
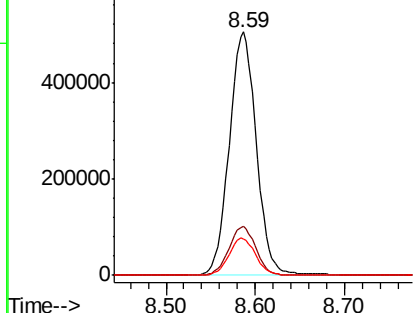
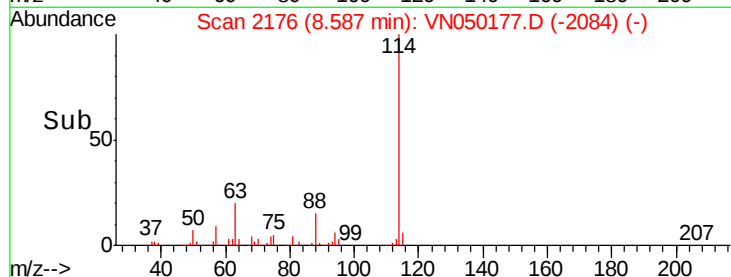
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0730WBL01

Tot Ion:114 Resp: 1059887

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	40.0
88	15.1	0.0	31.2



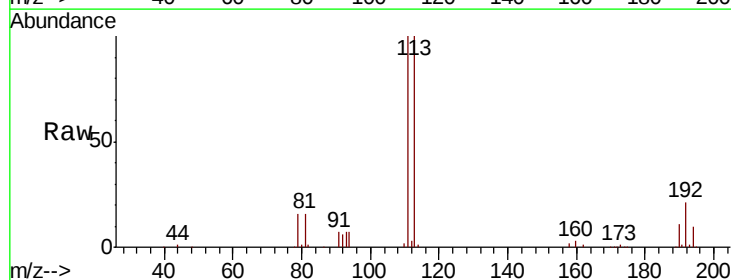
Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN



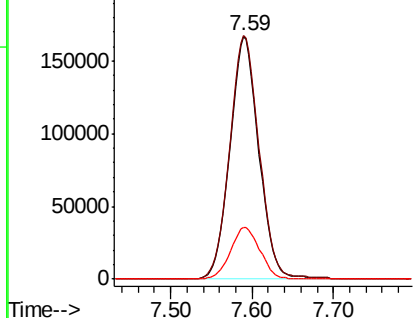
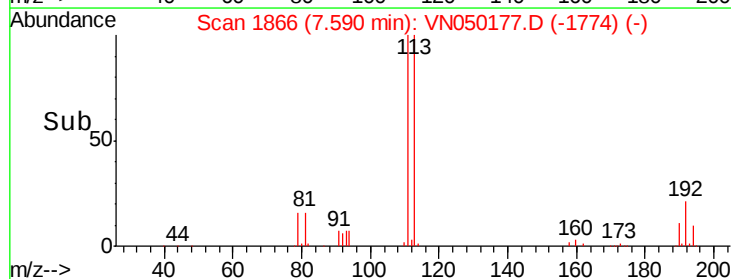
#35
 Dibromofluoromethane
 Concen: 47.65 ug/l
 RT: 7.59 min Scan# 1866
 Delta R.T. -0.00 min
 Lab File: VN050177.D
 Acq: 30 Jul 2018 10:52

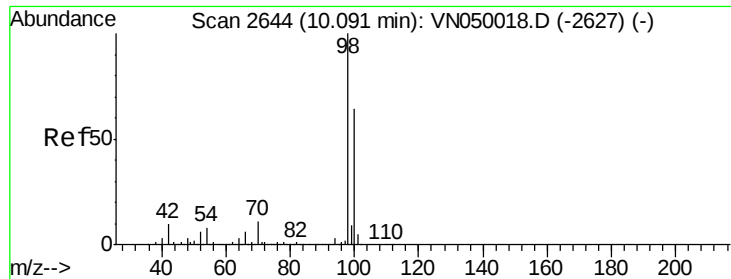
Tgt Ion:113 Resp: 412360

Ion	Ratio	Lower	Upper
113	100		
111	102.7	80.7	121.1
192	21.8	17.8	26.6



Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 45.80 ug/l

RT: 10.09 min Scan# 2644

Delta R.T. -0.00 min

Lab File: VN050177.D

Acq: 30 Jul 2018 10:52

Instrument :

MSVOA_N

ClientSampleId :

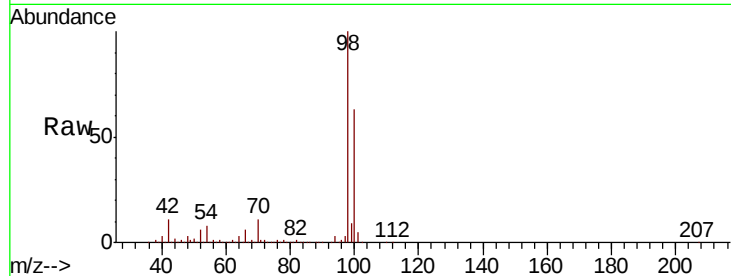
VN0730WBL01

Tot Ion: 98 Resp: 1457136

Ion Ratio Lower Upper

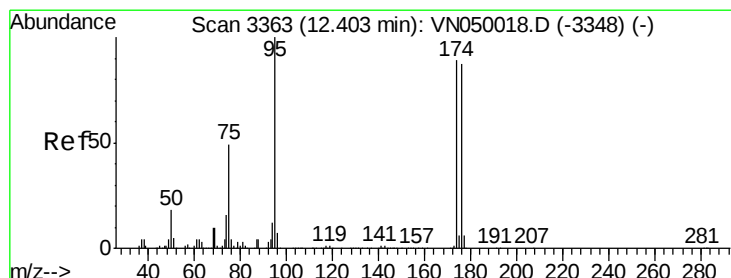
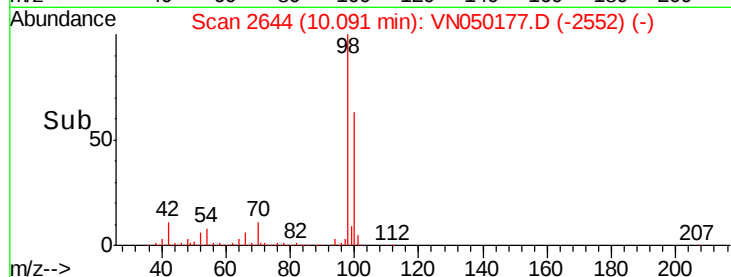
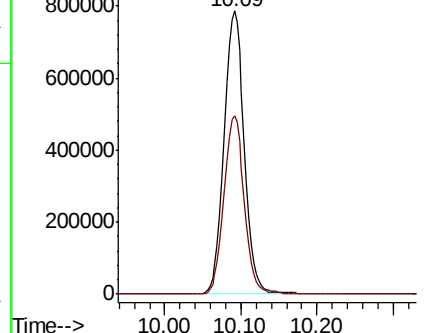
98 100

100 63.2 50.7 76.1



Abundance Ion 98.00 (97.70 to 98.70): VN050018.D (-2627) (-)

Ion 100.00 (99.70 to 100.70): VN050018.D (-2627) (-)



#62

4-Bromofluorobenzene

Concen: 35.83 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050177.D

Acq: 30 Jul 2018 10:52

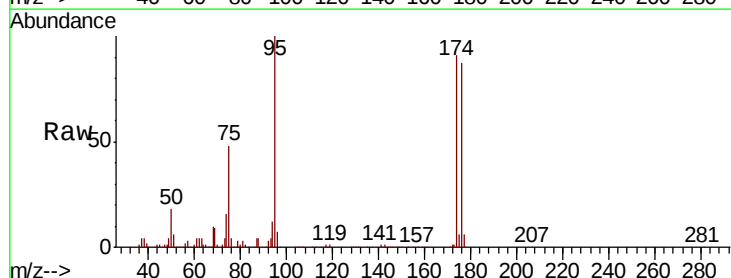
Tgt Ion: 95 Resp: 375294

Ion Ratio Lower Upper

95 100

174 91.5 0.0 178.2

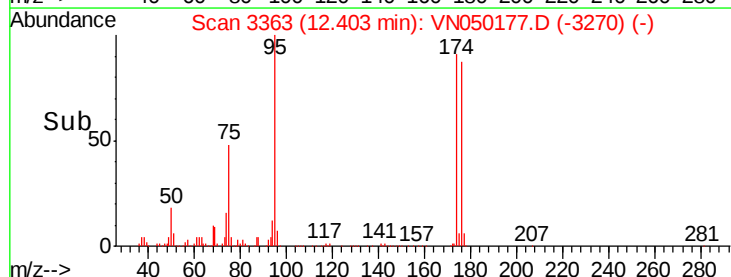
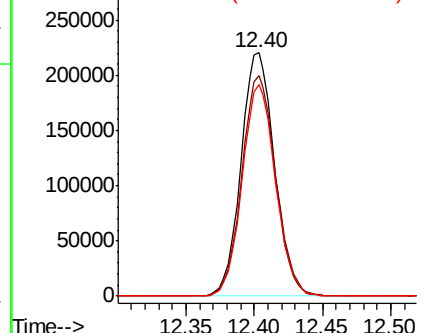
176 86.5 0.0 173.4

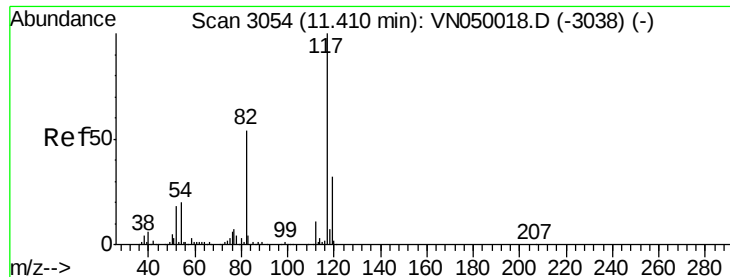


Abundance Ion 94.90 (94.60 to 95.60): VN050018.D (-3348) (-)

Ion 173.80 (173.50 to 174.50): VN050018.D (-3348) (-)

Ion 175.80 (175.50 to 176.50): VN050018.D (-3348) (-)

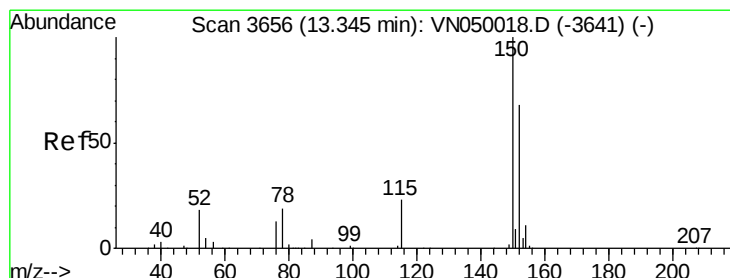
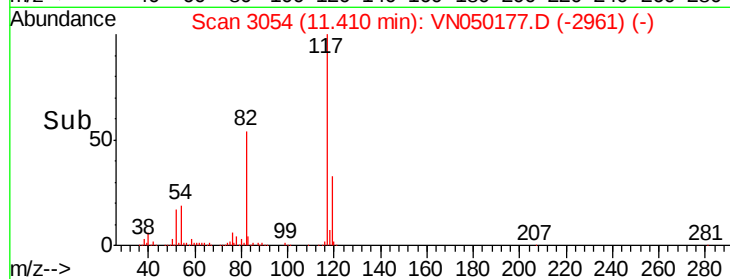
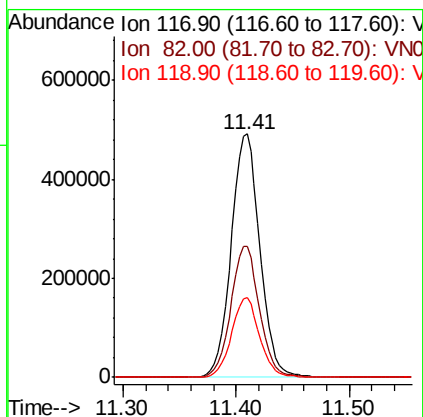
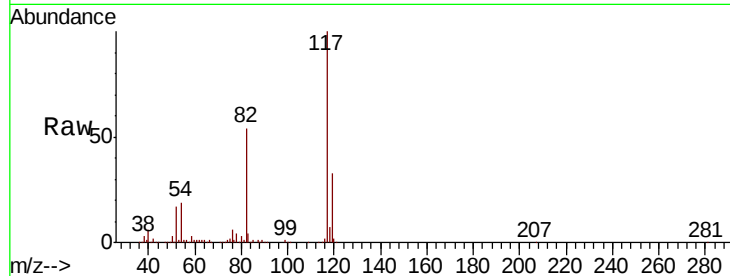




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050177.D
Acq: 30 Jul 2018 10:52

Instrument :
MSVOA_N
ClientSampleId :
VN0730WBL01

Tot Ion:117 Resp: 867461
Ion Ratio Lower Upper
117 100
82 53.9 43.7 65.5
119 32.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050177.D
Acq: 30 Jul 2018 10:52

Tgt Ion:152 Resp: 288560
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.3
150 157.3 0.0 348.6

