

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN031919\
 Data File : VN054437.D
 Acq On : 19 Mar 2019 13:36
 Operator : JC/SP
 Sample : K1930-10
 Misc : 5.82g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-5

Quant Time: Mar 20 04:18:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N031219W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 13 03:33:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1870781	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	2661965	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	2286263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	988111	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	801905	40.36	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	80.72%	
35) Dibromofluoromethane	7.59	113	752868	43.85	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.70%	
50) Toluene-d8	10.09	98	3092828	48.78	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.56%	
62) 4-Bromofluorobenzene	12.40	95	970290	43.73	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.46%	

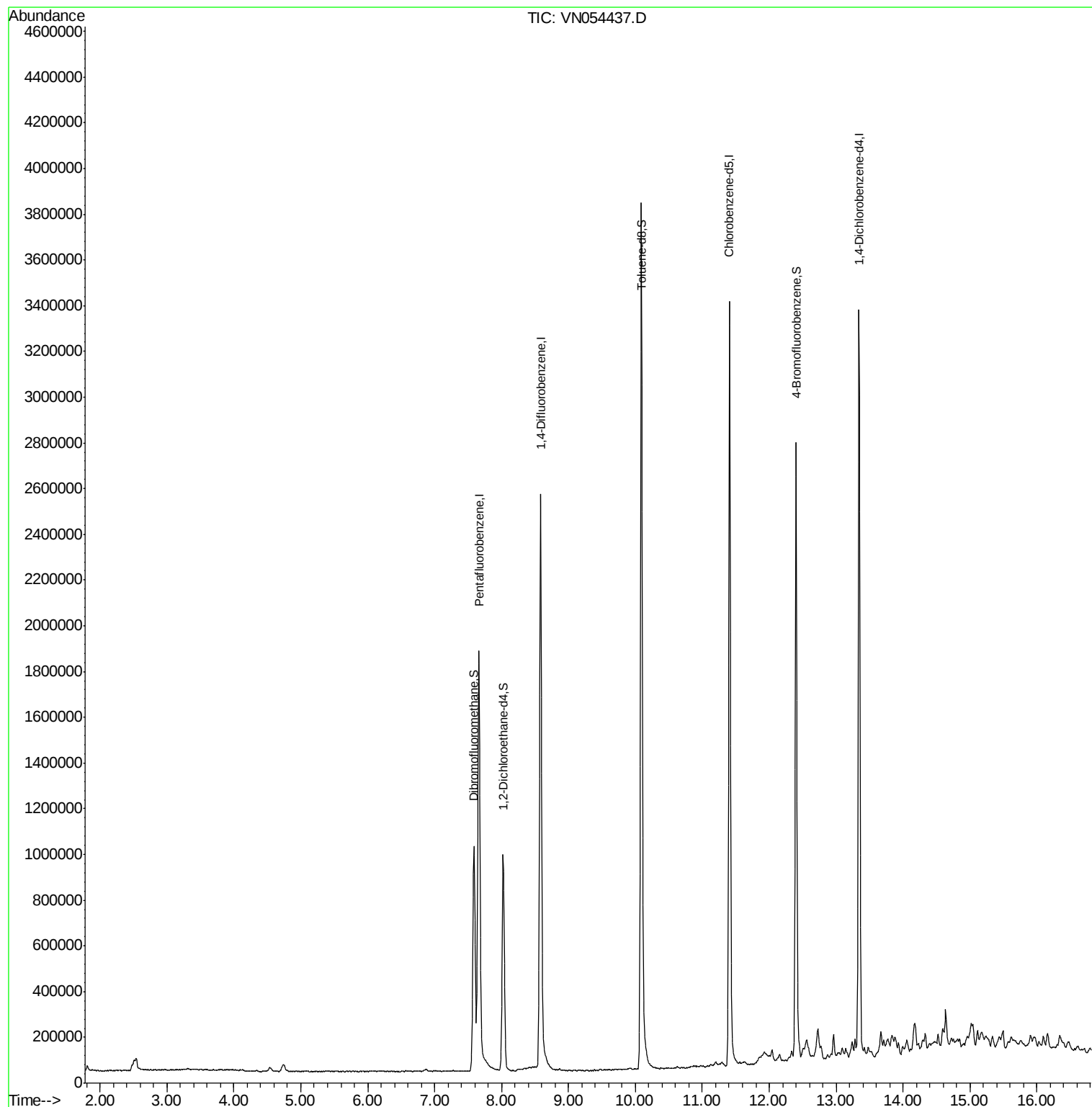
Target Compounds	Qvalue

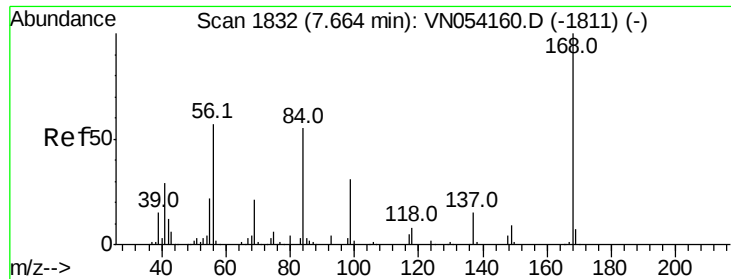
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.00 min

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Acq: 19 Mar 2019 13:36

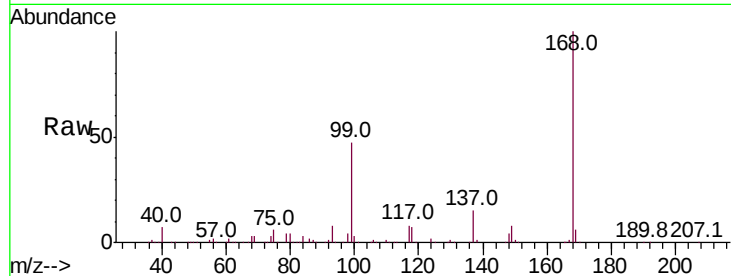
Instrument :
MSVOA_N
ClientSampled :
TP-5

Tot Ion:168 Resp: 1870781

Ion Ratio Lower Upper

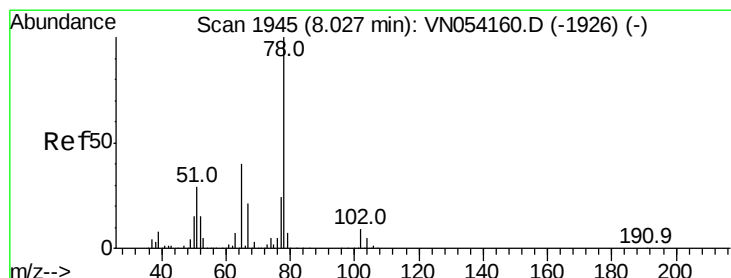
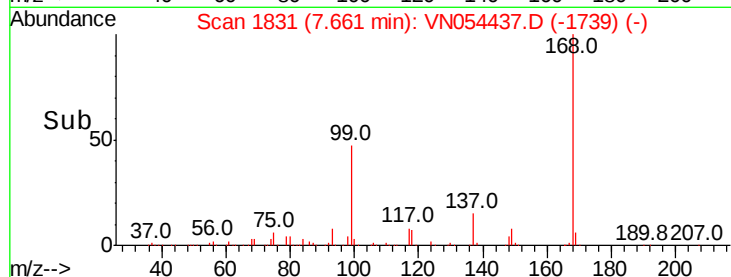
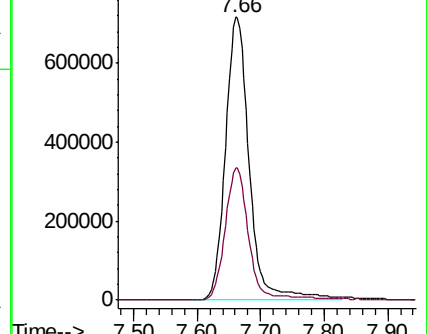
168 100

99 46.8 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 40.362 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054437.D

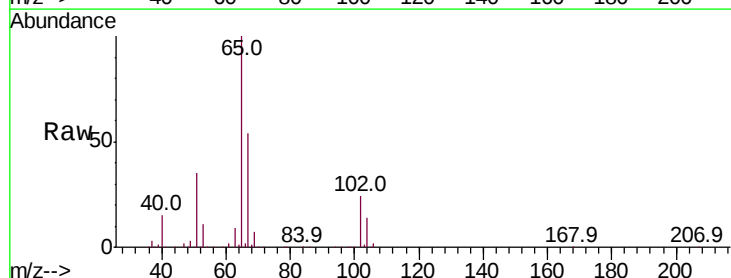
Acq: 19 Mar 2019 13:36

Tgt Ion: 65 Resp: 801905

Ion Ratio Lower Upper

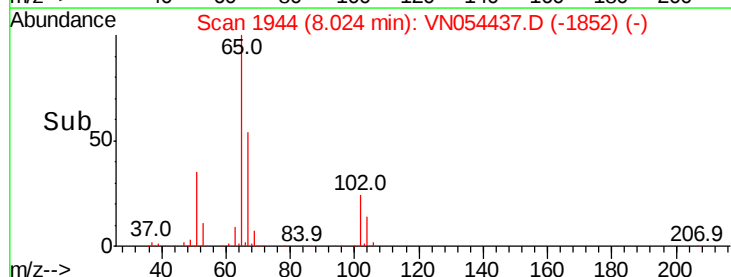
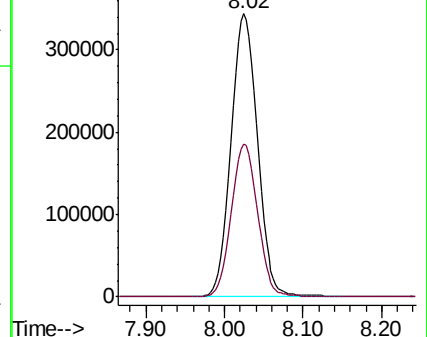
65 100

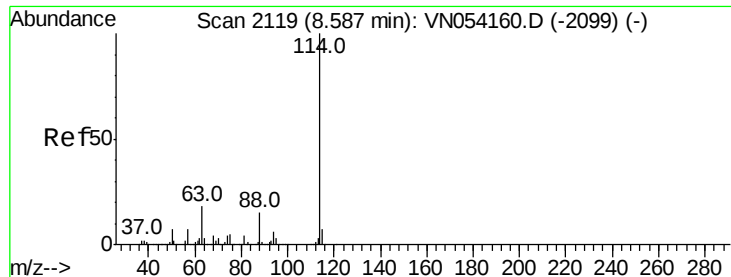
67 54.0 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

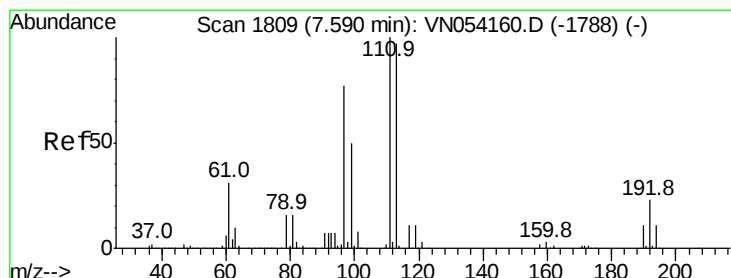
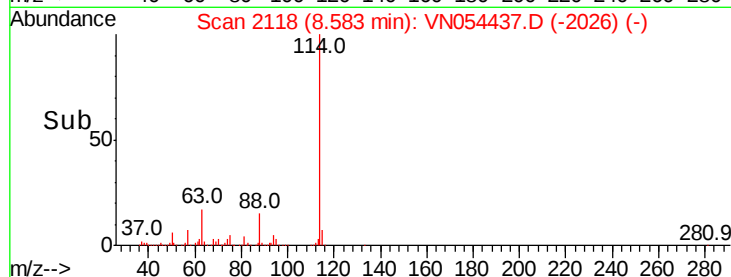
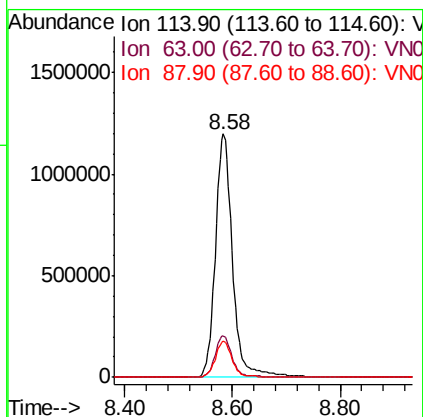
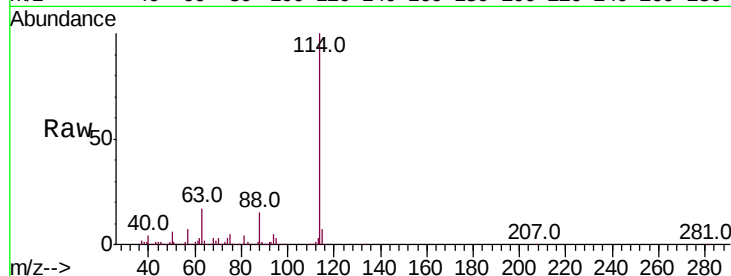
Lab File: VN054437.D

Acq: 19 Mar 2019 13:36

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion:114 Resp: 2661965

Ion	Ratio	Lower	Upper
114	100		
63	17.2	0.0	35.2
88	14.8	0.0	30.2



#35

Dibromofluoromethane

Concen: 43.852 ug/l

RT: 7.59 min Scan# 1808

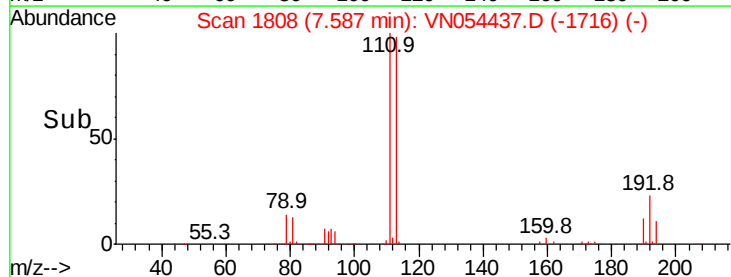
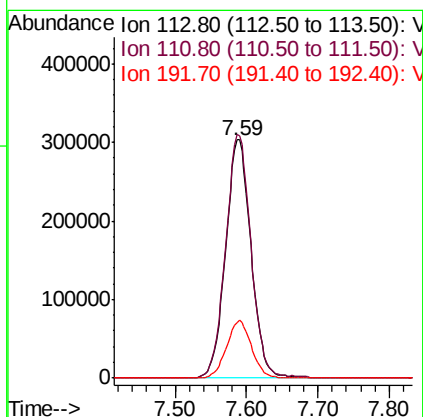
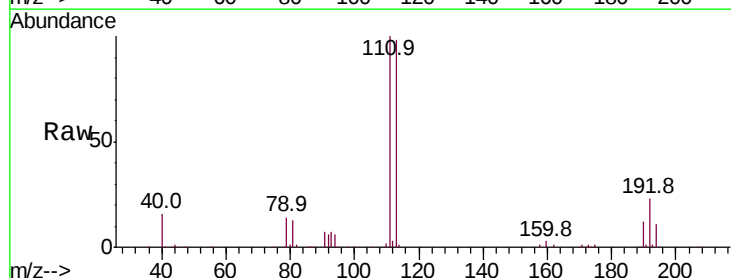
Delta R.T. -0.00 min

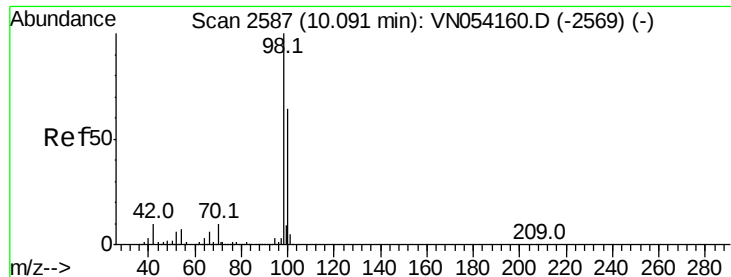
Lab File: VN054437.D

Acq: 19 Mar 2019 13:36

Tgt Ion:113 Resp: 752868

Ion	Ratio	Lower	Upper
113	100		
111	102.0	82.2	123.4
192	23.7	19.2	28.8





#50

Toluene-d8

Concen: 48.778 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054437.D

Acq: 19 Mar 2019 13:36

Instrument :

MSVOA_N

ClientSampleId :

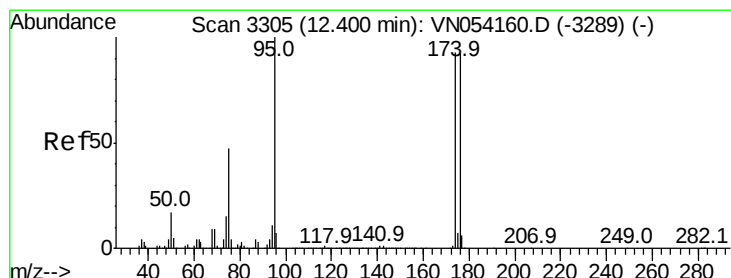
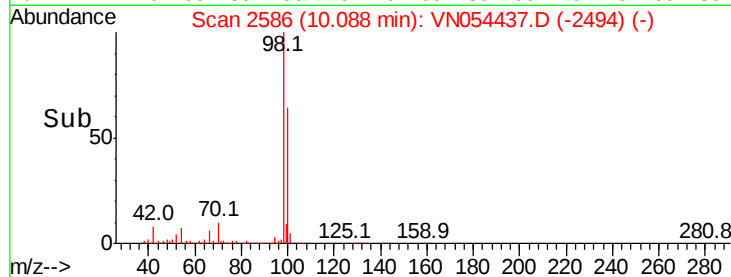
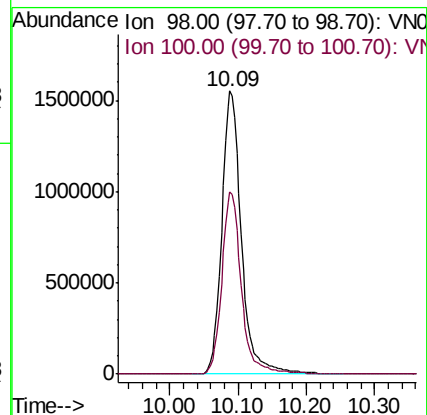
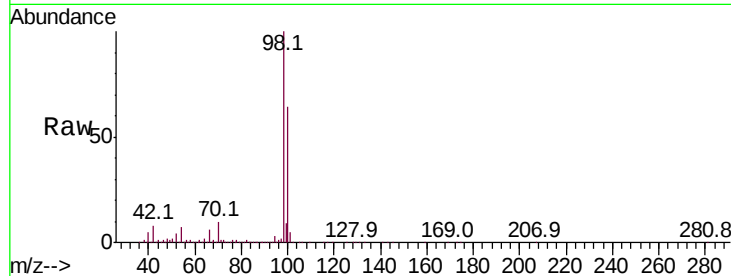
TP-5

Tot Ion: 98 Resp: 3092828

Ion Ratio Lower Upper

98 100

100 64.2 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 43.735 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN054437.D

Acq: 19 Mar 2019 13:36

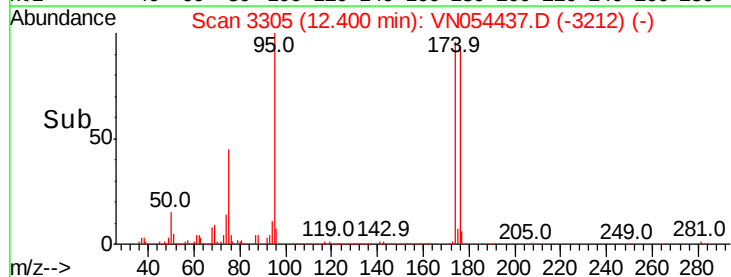
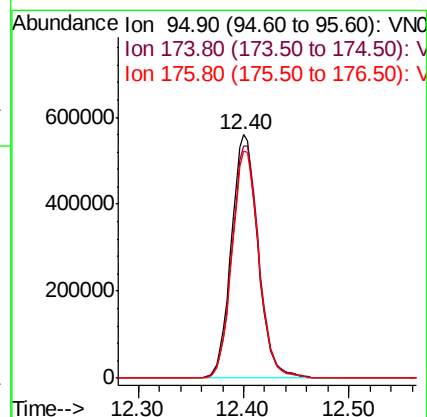
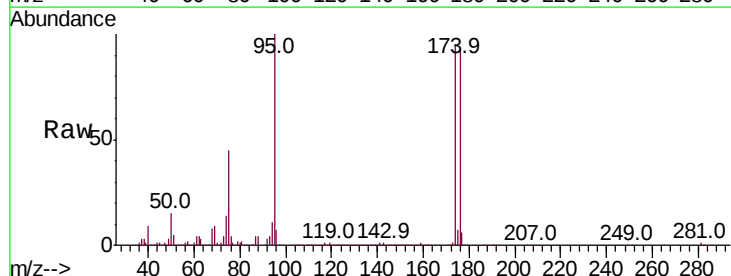
Tgt Ion: 95 Resp: 970290

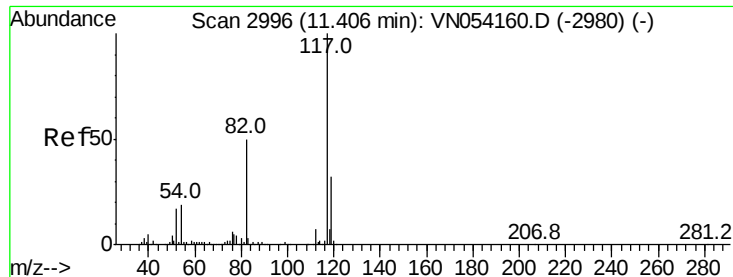
Ion Ratio Lower Upper

95 100

174 96.7 0.0 191.0

176 94.1 0.0 187.4

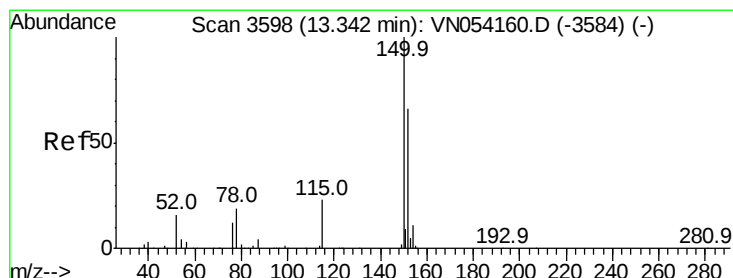
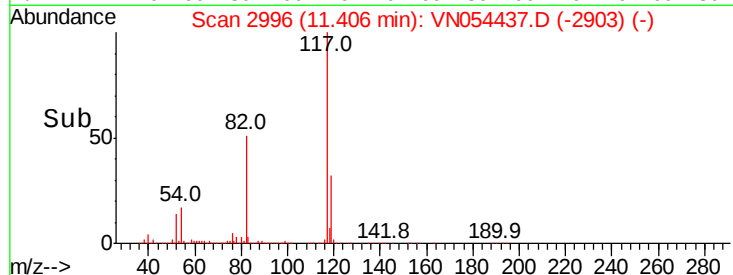
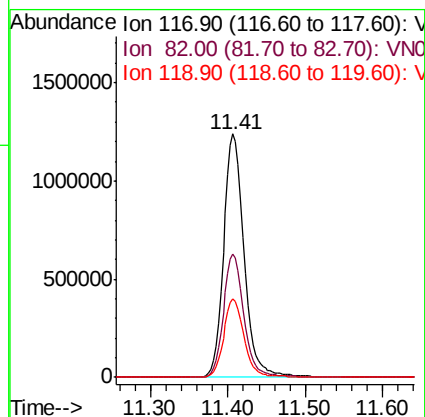
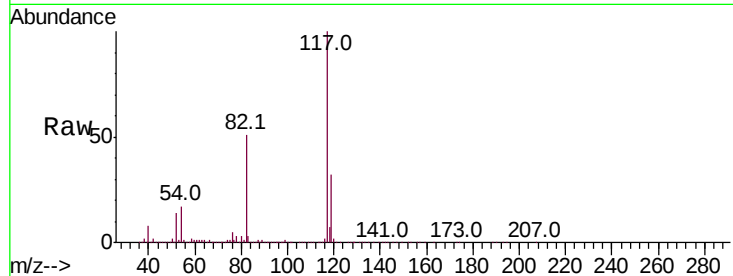




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN054437.D
Acq: 19 Mar 2019 13:36

Instrument :
MSVOA_N
ClientSampleId :
TP-5

Tot Ion:117 Resp: 2286263
Ion Ratio Lower Upper
117 100
82 50.6 40.0 60.0
119 32.2 25.8 38.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN054437.D
Acq: 19 Mar 2019 13:36

Tgt Ion:152 Resp: 988111
Ion Ratio Lower Upper
152 100
115 55.0 27.2 81.6
150 156.1 0.0 349.2

