

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN032219\
 Data File : VN054552.D
 Acq On : 22 Mar 2019 12:35
 Operator : JC/SP
 Sample : K2004-03
 Misc : 4.80g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SB-19(7.5-8.5)

Quant Time: Mar 25 15:17:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:09:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	593148	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	902437	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	765188	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	324935	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	355694	48.21	ug/l	0.00
Spiked Amount						
			Recovery	=	96.42%	
35) Dibromofluoromethane	7.59	113	266034	45.76	ug/l	0.00
Spiked Amount						
			Recovery	=	91.52%	
50) Toluene-d8	10.09	98	1106007	50.60	ug/l	0.00
Spiked Amount						
			Recovery	=	101.20%	
62) 4-Bromofluorobenzene	12.40	95	357755	48.10	ug/l	0.00
Spiked Amount						
			Recovery	=	96.20%	

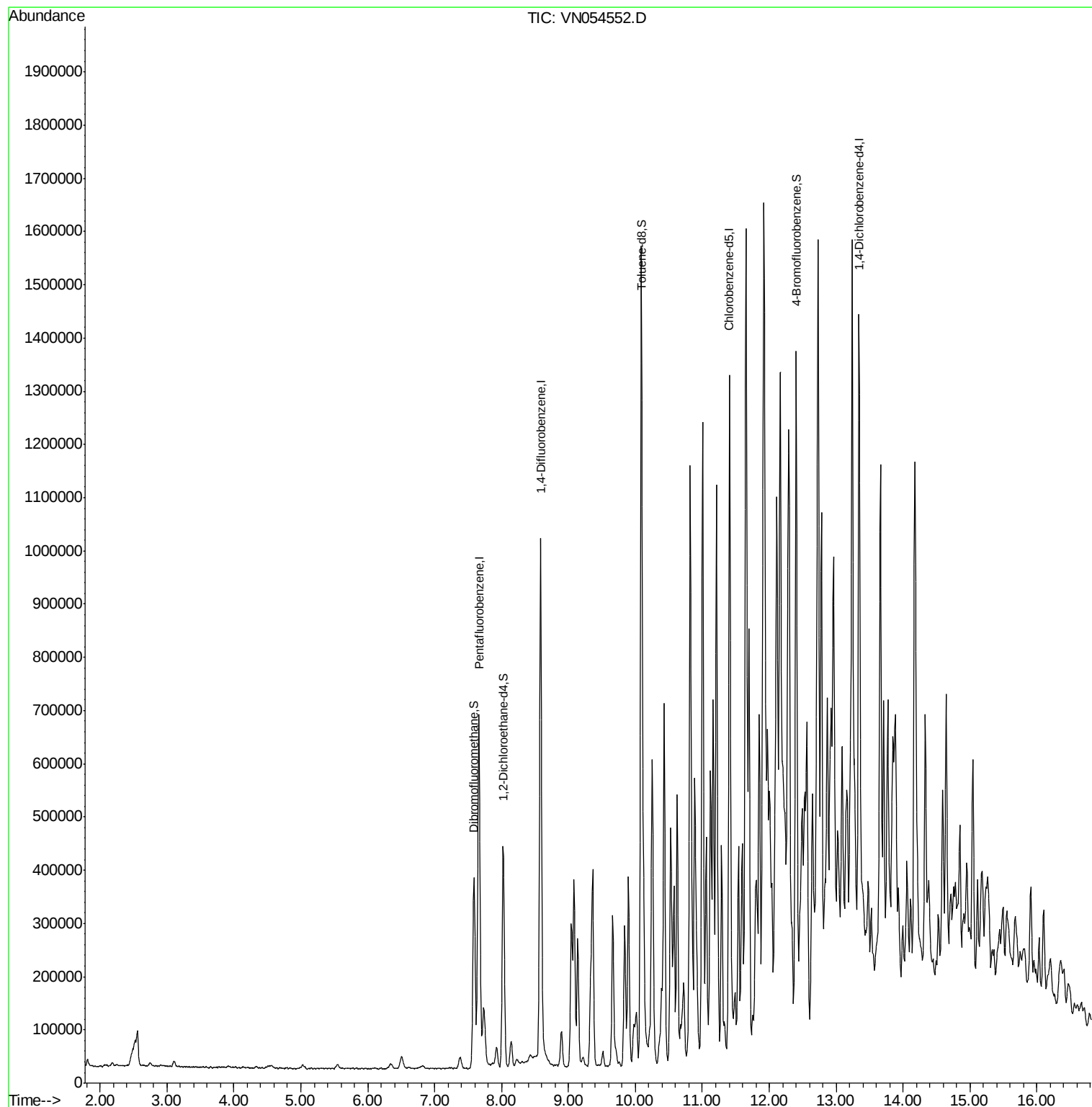
Target Compounds	Qvalue
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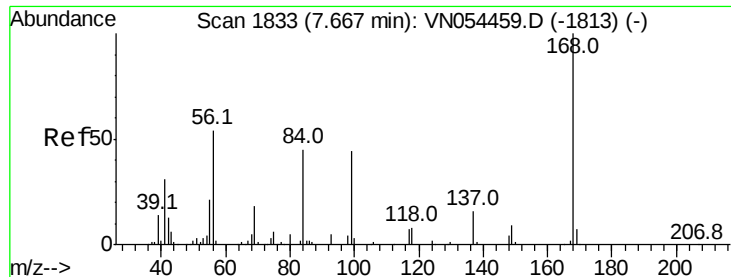
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1831

Delta R.T. -0.01 min

Lab File: VN054552.D

Acq: 22 Mar 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

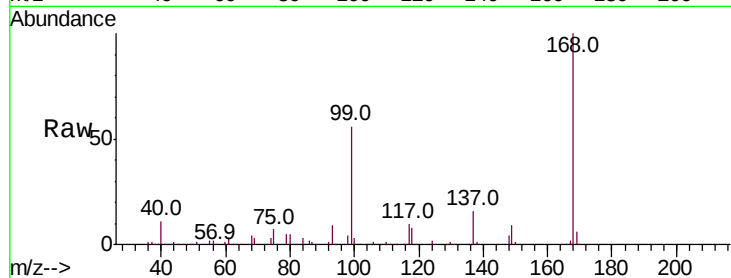
SB-19(7.5-8.5)

Tot Ion:168 Resp: 593148

Ion Ratio Lower Upper

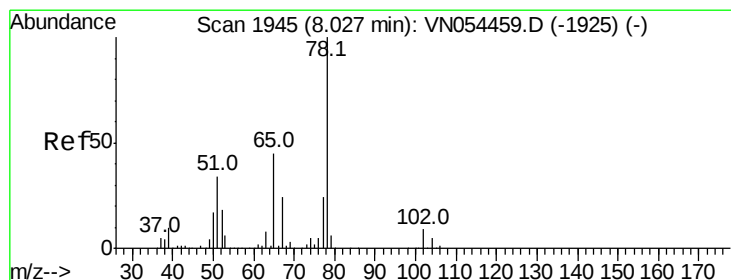
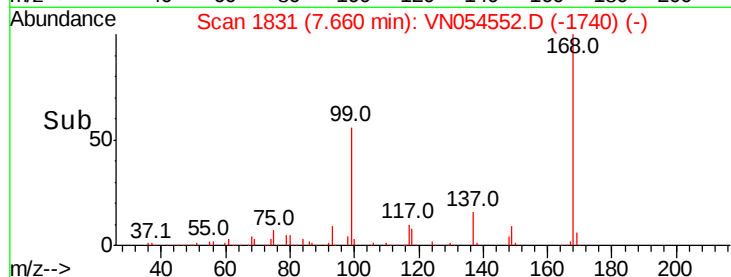
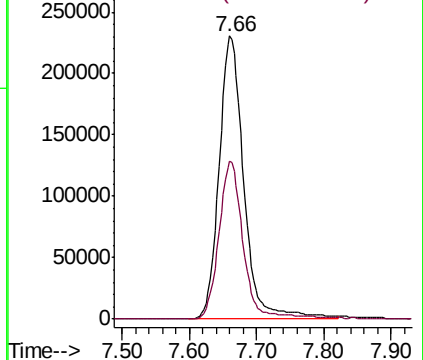
168 100

99 55.6 37.1 55.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN



#33

1,2-Dichloroethane-d4

Concen: 48.211 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN054552.D

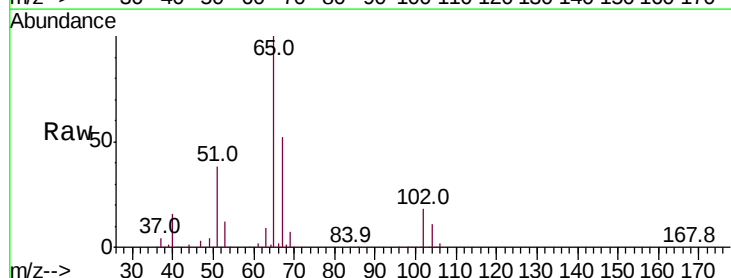
Acq: 22 Mar 2019 12:35

Tgt Ion: 65 Resp: 355694

Ion Ratio Lower Upper

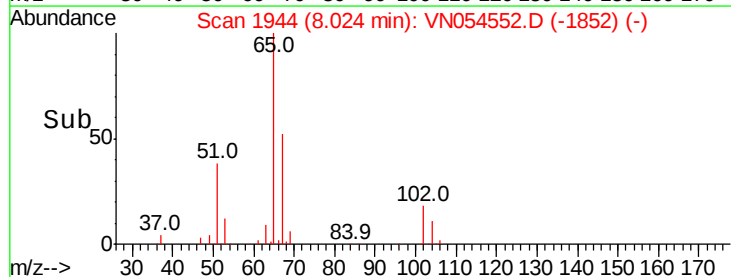
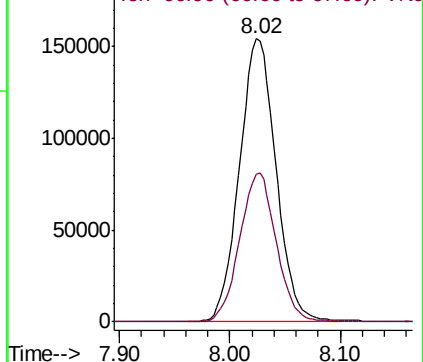
65 100

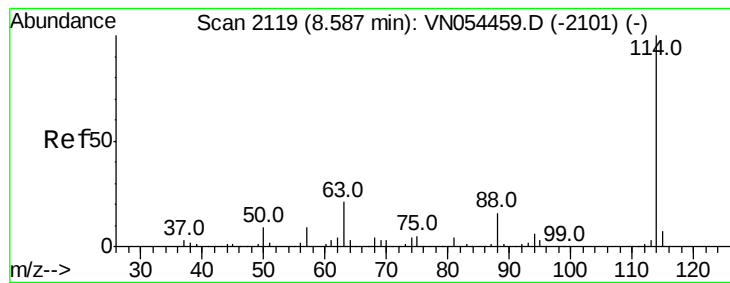
67 52.3 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2119

Delta R.T. -0.00 min

Lab File: VN054552.D

Acq: 22 Mar 2019 12:35

Instrument :

MSVOA_N

ClientSampled :

SB-19(7.5-8.5)

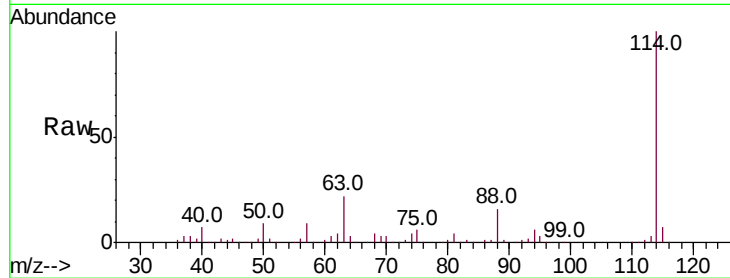
Tot Ion:114 Resp: 902437

Ion Ratio Lower Upper

114 100

63 22.3 0.0 35.2

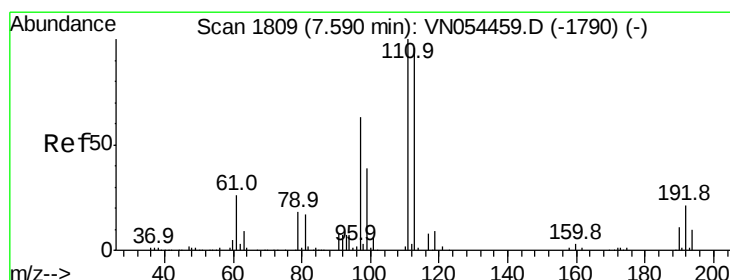
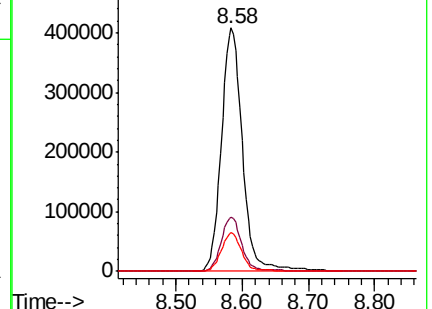
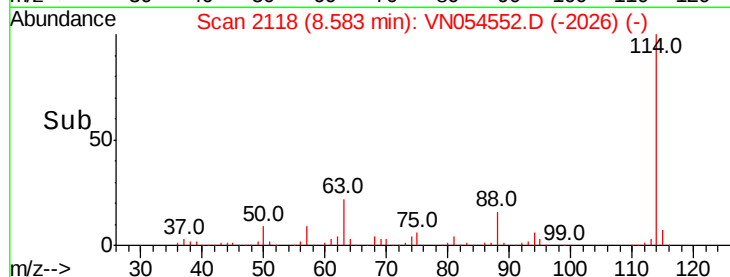
88 15.8 0.0 30.2



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: 45.758 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. -0.00 min

Lab File: VN054552.D

Acq: 22 Mar 2019 12:35

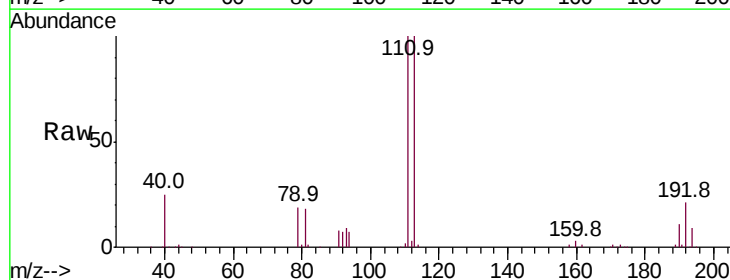
Tgt Ion:113 Resp: 266034

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

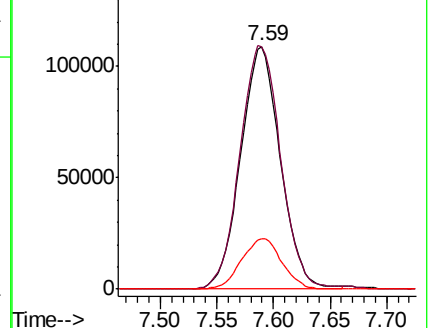
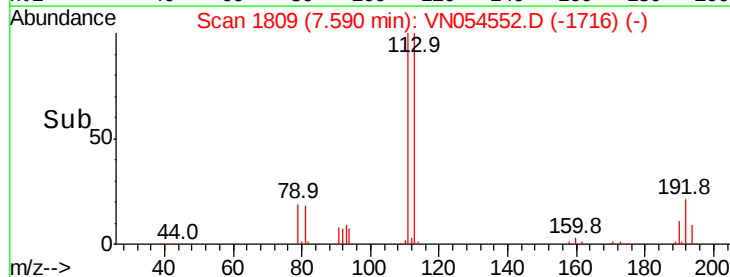
192 21.3 19.2 28.8

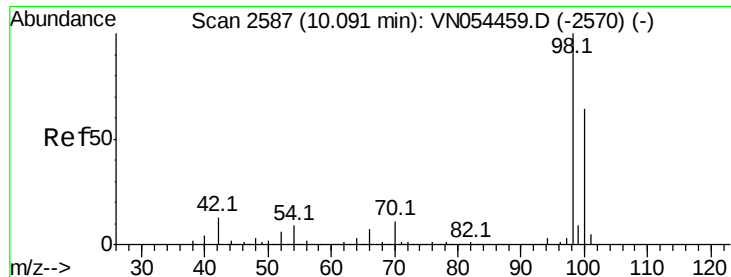


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.602 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN054552.D

Acq: 22 Mar 2019 12:35

Instrument :

MSVOA_N

ClientSampleId :

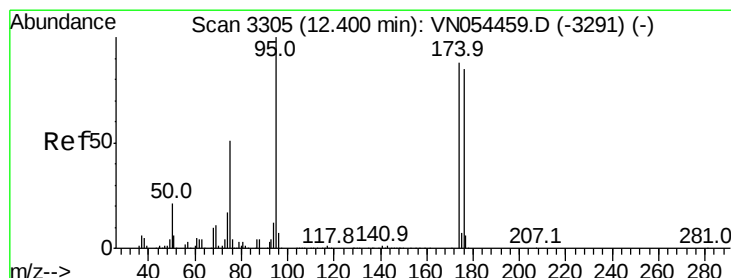
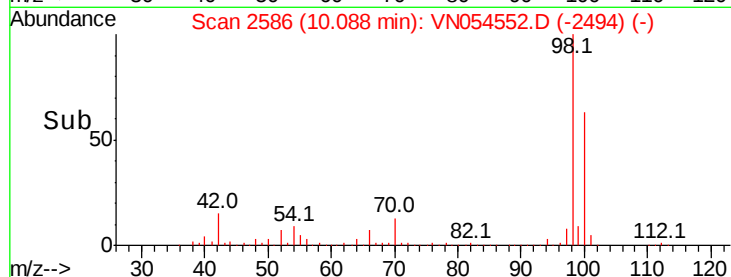
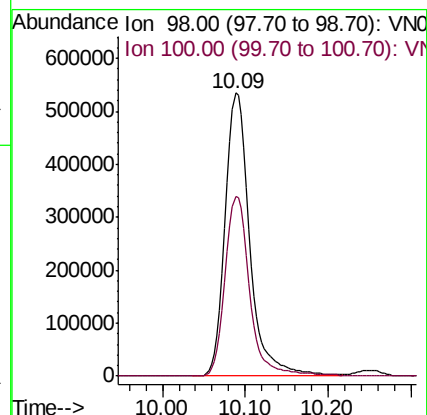
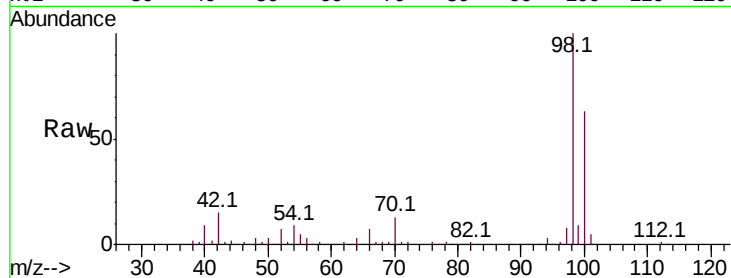
SB-19(7.5-8.5)

Tot Ion: 98 Resp: 1106007

Ion Ratio Lower Upper

98 100

100 63.7 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 48.101 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054552.D

Acq: 22 Mar 2019 12:35

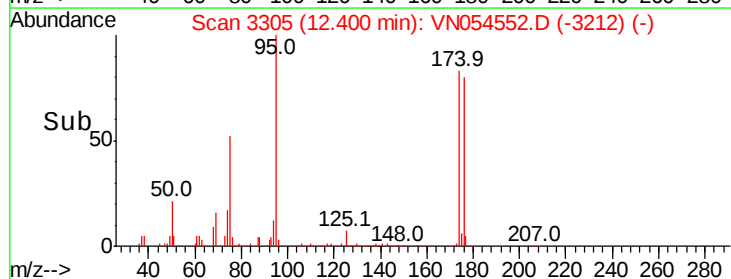
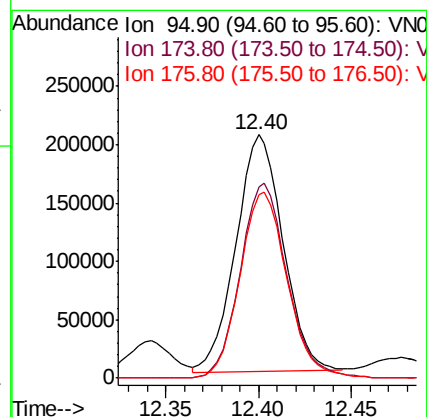
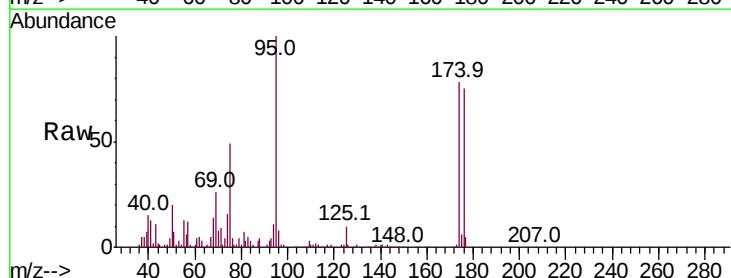
Tgt Ion: 95 Resp: 357755

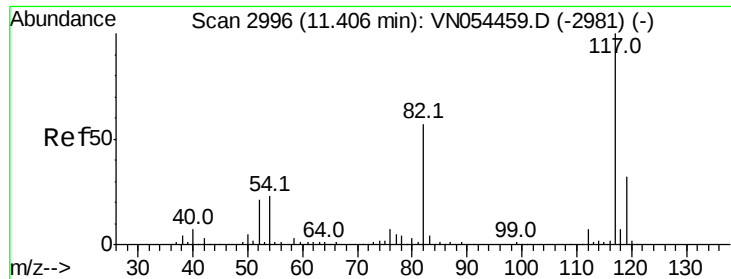
Ion Ratio Lower Upper

95 100

174 82.2 0.0 191.0

176 79.0 0.0 187.4

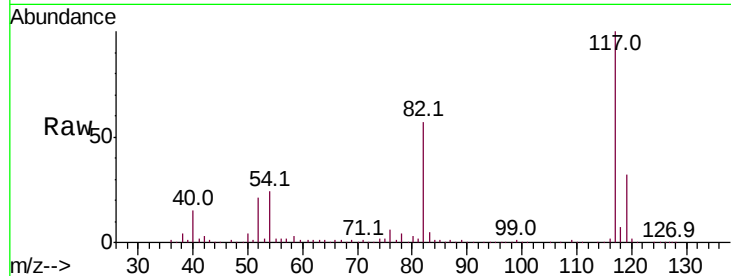




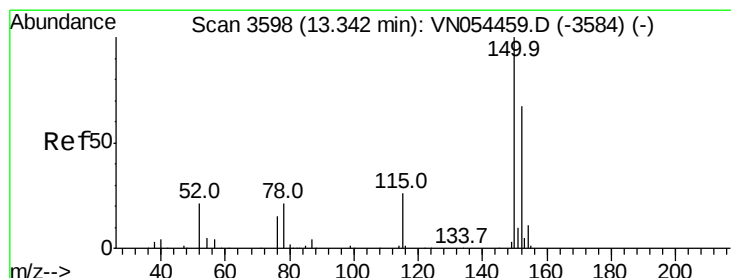
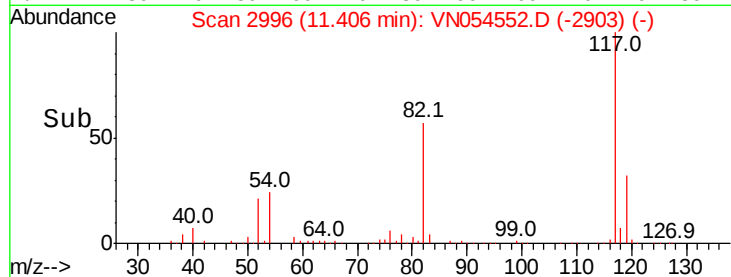
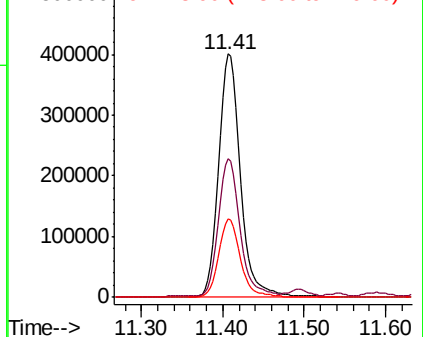
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054552.D
Acq: 22 Mar 2019 12:35

Instrument :
MSVOA_N
ClientSampled :
SB-19(7.5-8.5)

Tot Ion:117 Resp: 765188
Ion Ratio Lower Upper
117 100
82 56.5 40.0 60.0
119 32.2 25.8 38.6

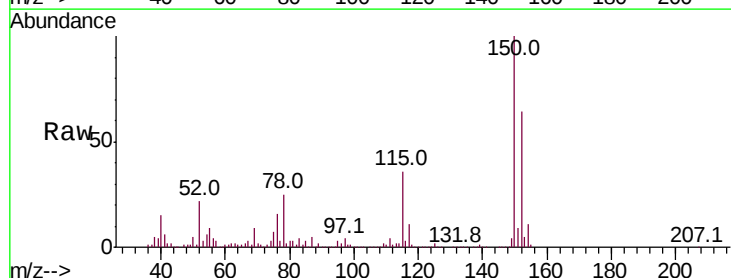


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054552.D
Acq: 22 Mar 2019 12:35

Tgt Ion:152 Resp: 324935
Ion Ratio Lower Upper
152 100
115 56.9 27.2 81.6
150 155.6 0.0 349.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V

