

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032119\
 Data File : VN054529.D
 Acq On : 22 Mar 2019 00:25
 Operator : JC/SP
 Sample : VN0321WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL02

Quant Time: Mar 22 10:33:04 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	7.67	168	670749	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1050554	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	839613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	289346	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	420309	50.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.76%	
35) Dibromofluoromethane	7.59	113	326065	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
50) Toluene-d8	10.09	98	1221848	48.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.04%	
62) 4-Bromofluorobenzene	12.40	95	363455	41.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.96%	

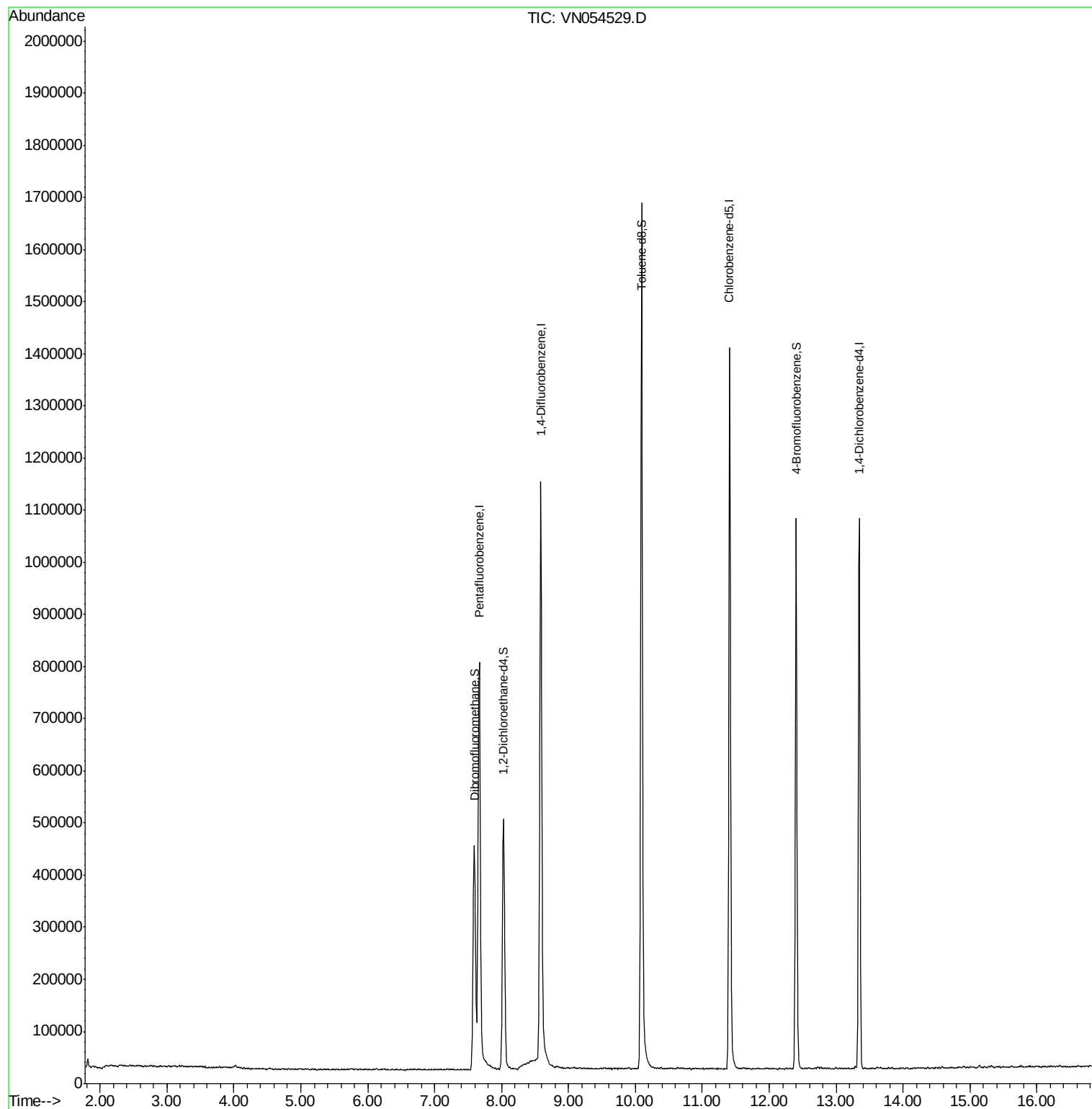
Target Compounds Qvalue

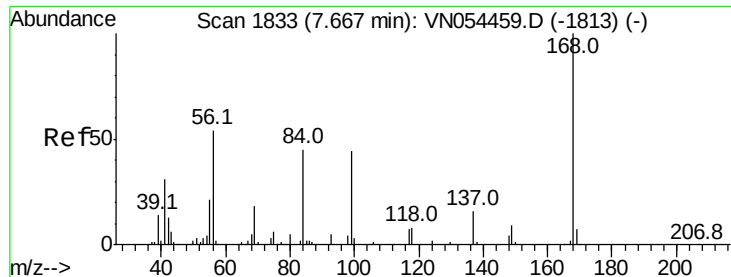
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. -0.00 min

Lab File: VN054529.D

Acq: 22 Mar 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

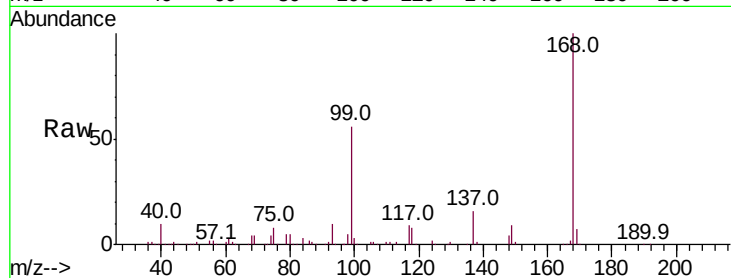
VN0321WBL02

Tot Ion:168 Resp: 670749

Ion Ratio Lower Upper

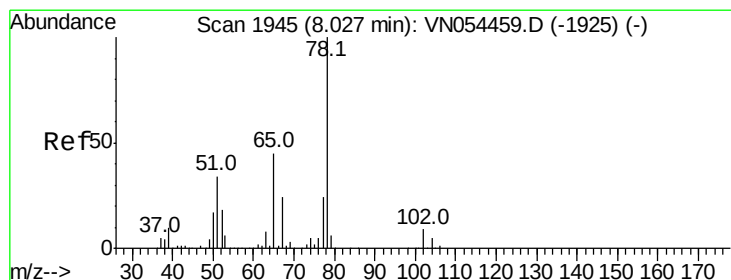
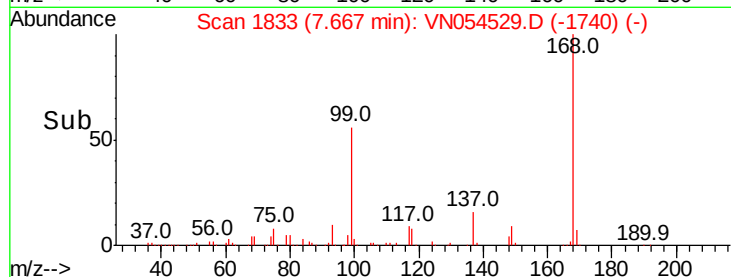
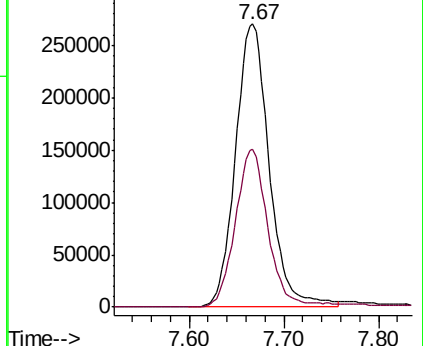
168 100

99 55.9 37.1 55.7#



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: 50.378 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN054529.D

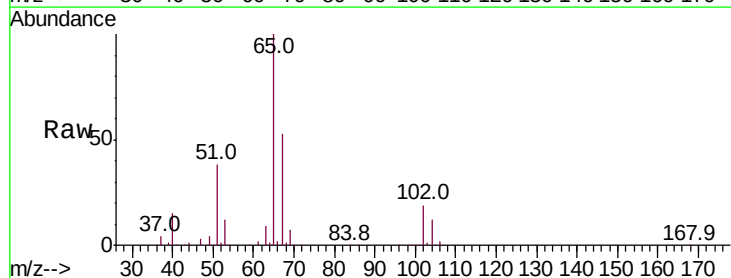
Acq: 22 Mar 2019 00:25

Tgt Ion: 65 Resp: 420309

Ion Ratio Lower Upper

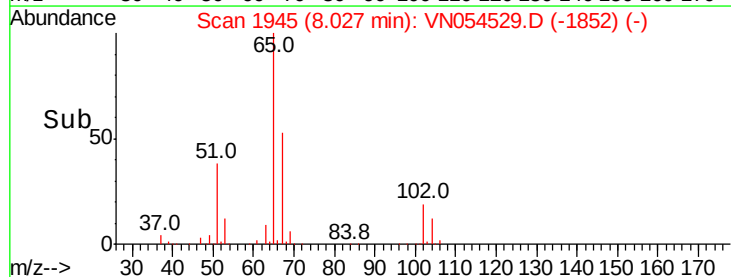
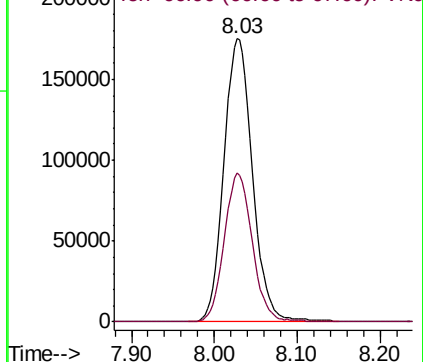
65 100

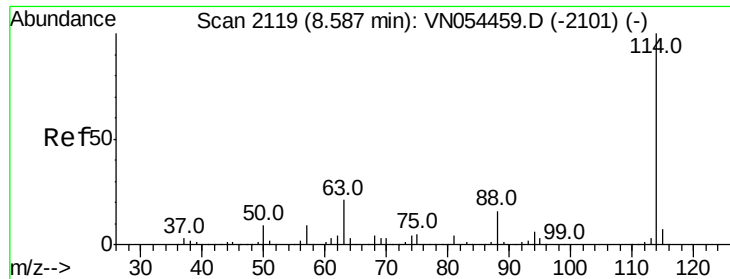
67 51.6 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

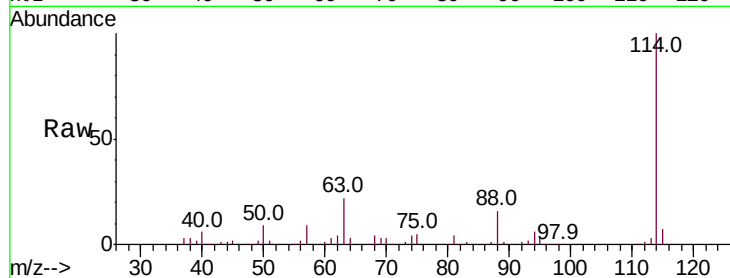




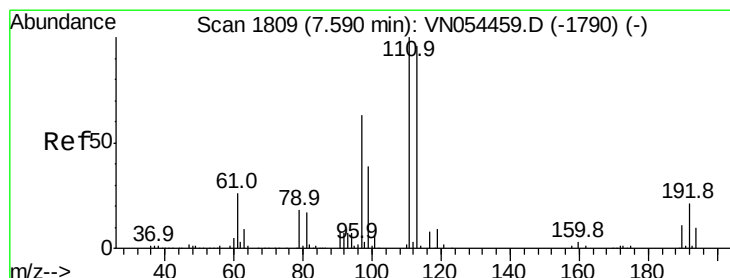
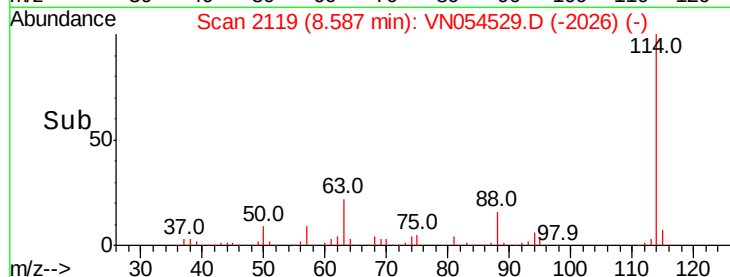
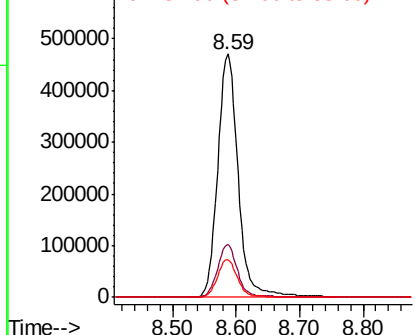
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054529.D
 Acq: 22 Mar 2019 00:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL02

Tot Ion:114 Resp: 1050554
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 35.2
 88 15.6 0.0 30.2

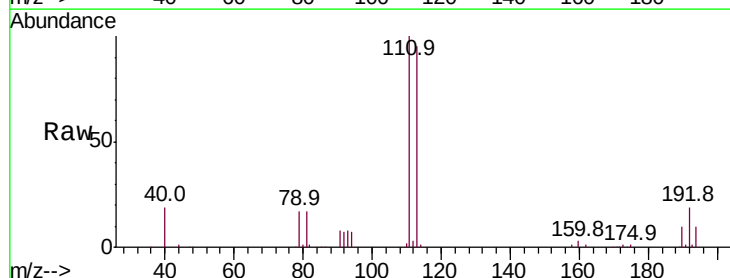


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

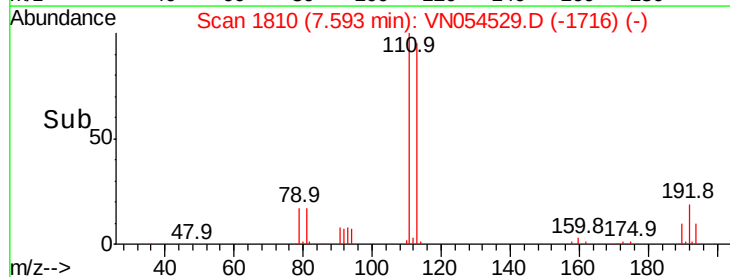
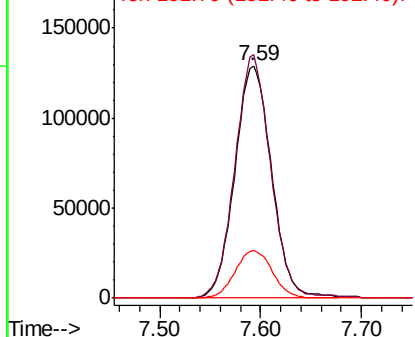


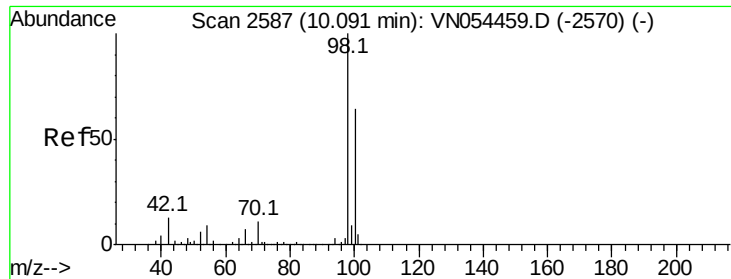
#35
 Dibromofluoromethane
 Concen: 48.176 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN054529.D
 Acq: 22 Mar 2019 00:25

Tgt Ion:113 Resp: 326065
 Ion Ratio Lower Upper
 113 100
 111 102.3 82.2 123.4
 192 20.8 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: 48.021 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN054529.D

Acq: 22 Mar 2019 00:25

Instrument :

MSVOA_N

ClientSampleId :

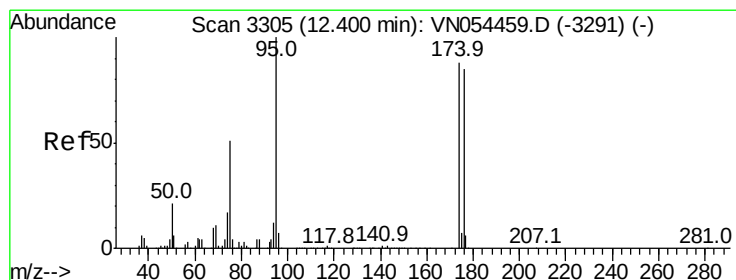
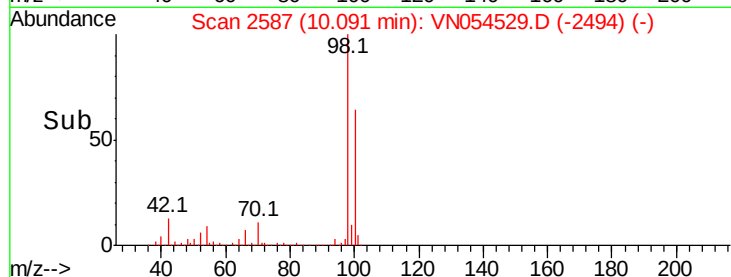
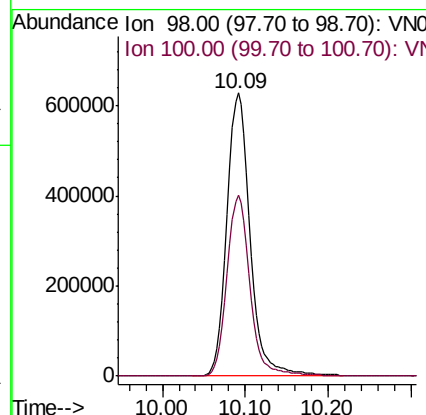
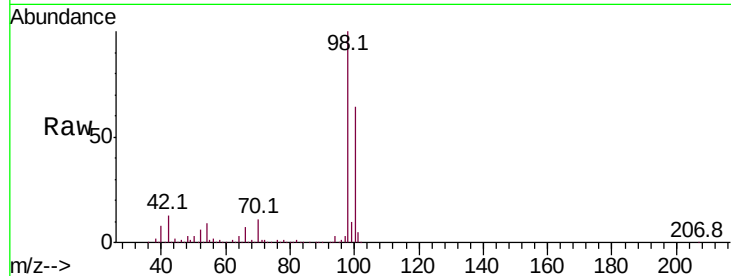
VN0321WBL02

Tot Ion: 98 Resp: 1221848

Ion Ratio Lower Upper

98 100

100 63.8 51.2 76.8



#62

4-Bromofluorobenzene

Concen: 41.978 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN054529.D

Acq: 22 Mar 2019 00:25

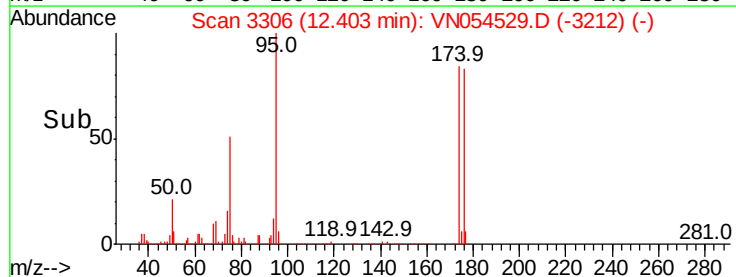
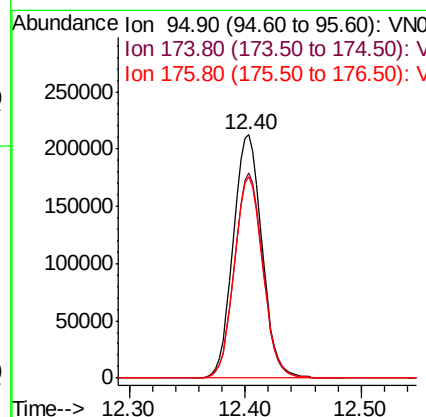
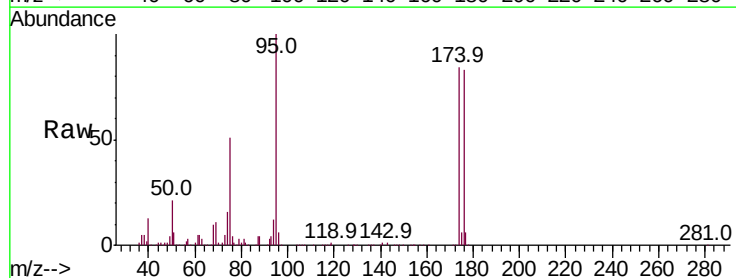
Tgt Ion: 95 Resp: 363455

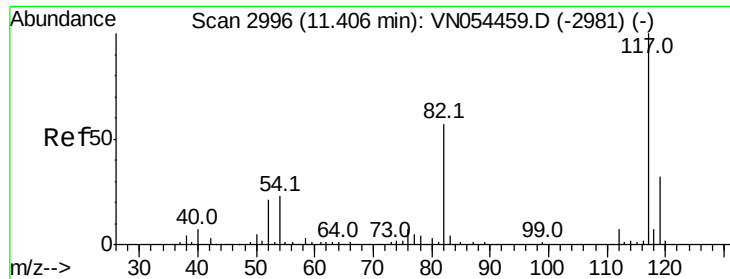
Ion Ratio Lower Upper

95 100

174 83.1 0.0 191.0

176 81.9 0.0 187.4

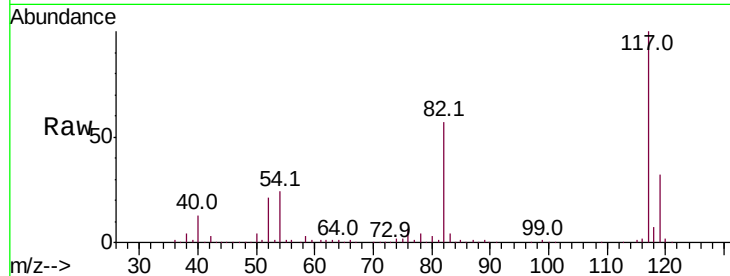




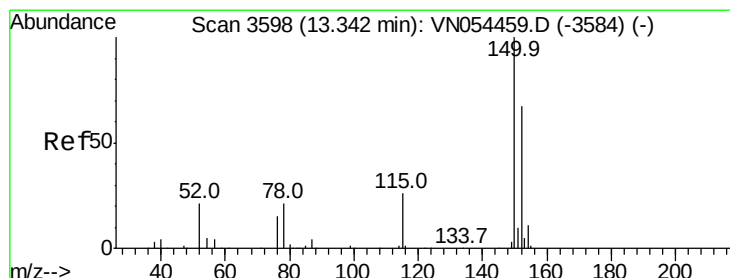
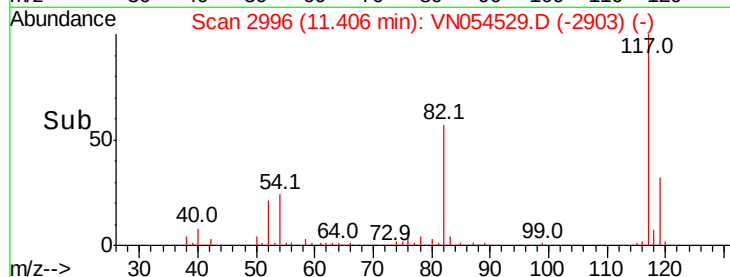
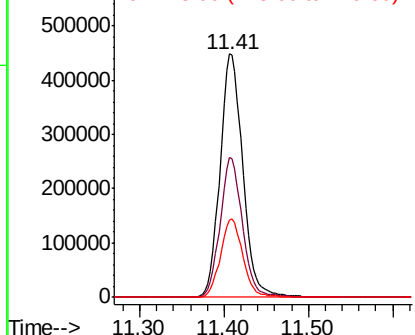
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054529.D
Acq: 22 Mar 2019 00:25

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL02

Tot Ion:117 Resp: 839613
Ion Ratio Lower Upper
117 100
82 57.3 40.0 60.0
119 31.8 25.8 38.6

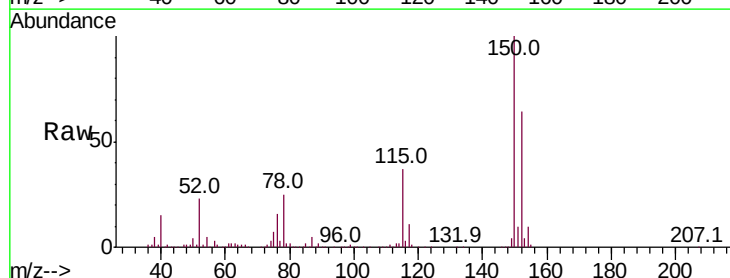


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN054529.D
Acq: 22 Mar 2019 00:25

Tgt Ion:152 Resp: 289346
Ion Ratio Lower Upper
152 100
115 58.1 27.2 81.6
150 157.2 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

