

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121418\
 Data File : VN052890.D
 Acq On : 14 Dec 2018 15:54
 Operator : MD\SY
 Sample : VN1214WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL02

Quant Time: Dec 15 03:30:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 13 01:08:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	1362756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	2098363	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1800823	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	680224	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	689705	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
35) Dibromofluoromethane	7.59	113	507934	43.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.72%	
50) Toluene-d8	10.09	98	2518841	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	12.40	95	786048	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

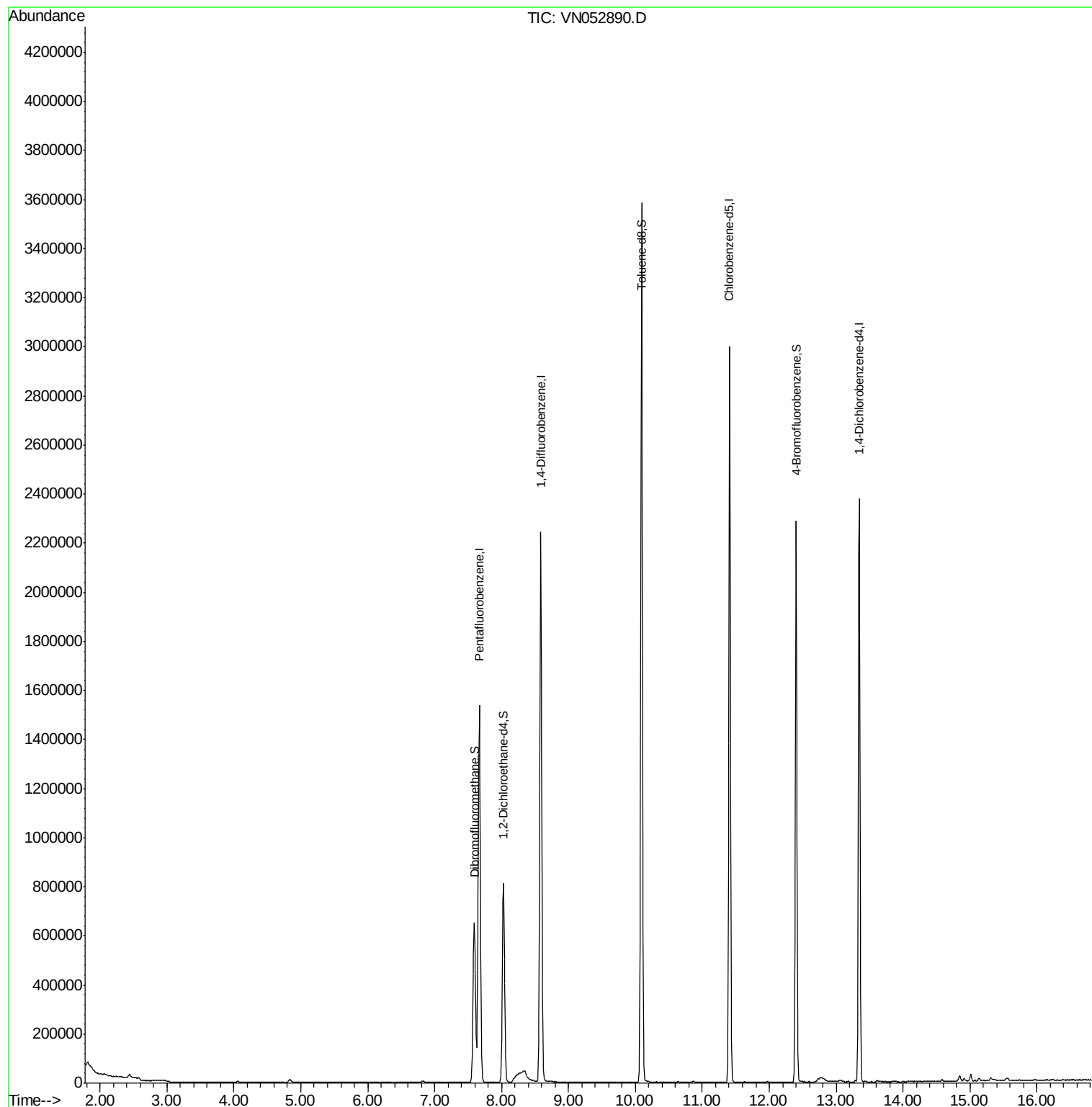
Target Compounds	Qvalue
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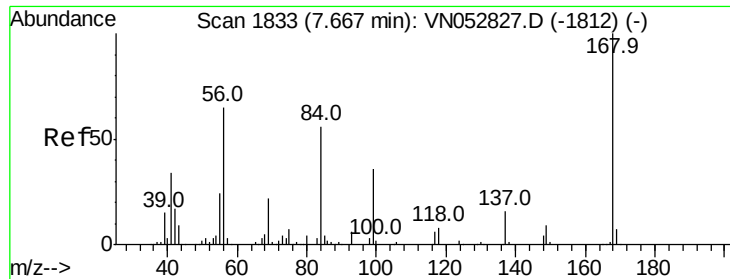
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN052890.D

Acq: 14 Dec 2018 15:54

Instrument :

MSVOA_N

ClientSampleId :

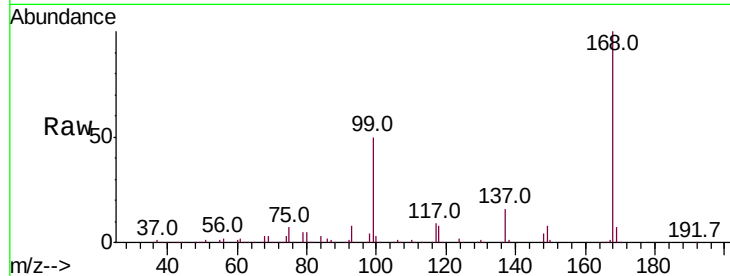
VN1214WBL02

Tot Ion:168 Resp: 1362756

Ion Ratio Lower Upper

168 100

99 50.2 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): VN052827.D (-1812) (-)

Ion 98.90 (98.60 to 99.60): VN052827.D (-1812) (-)

7.67

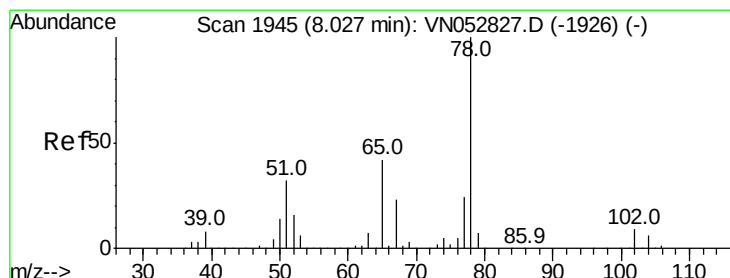
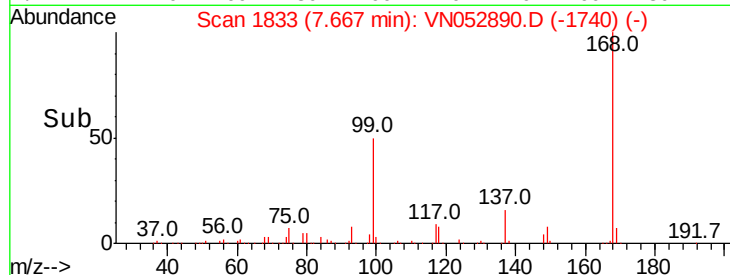
600000

400000

200000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: Below ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN052890.D

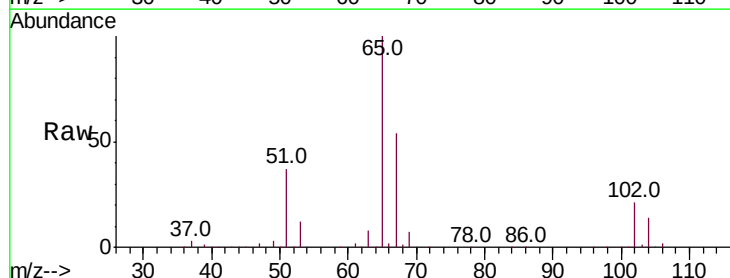
Acq: 14 Dec 2018 15:54

Tgt Ion: 65 Resp: 689705

Ion Ratio Lower Upper

65 100

67 54.3 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN052827.D (-1926) (-)

Ion 66.90 (66.60 to 67.60): VN052827.D (-1926) (-)

8.03

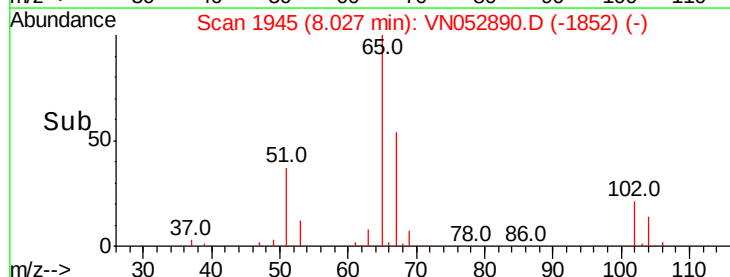
300000

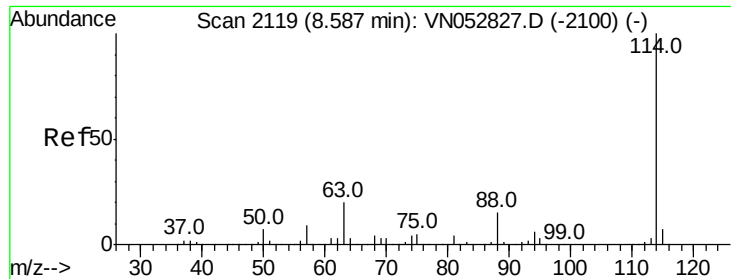
200000

100000

0

Time-->

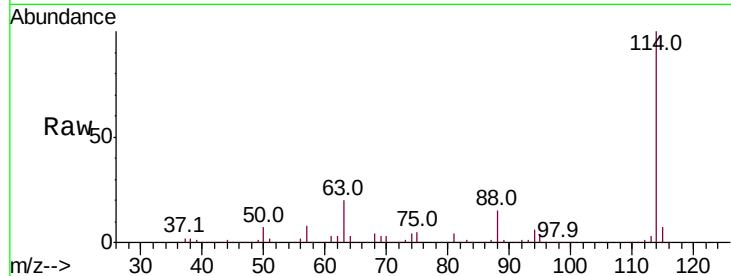




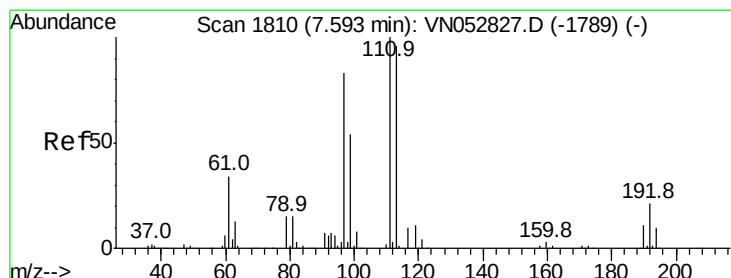
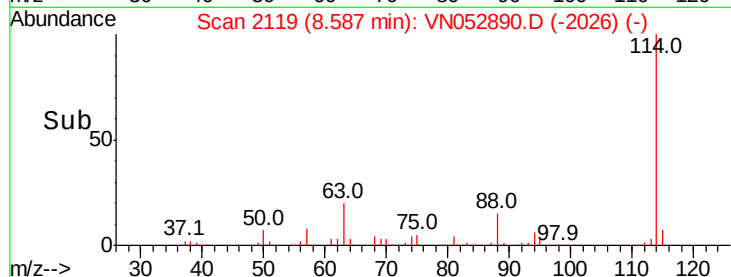
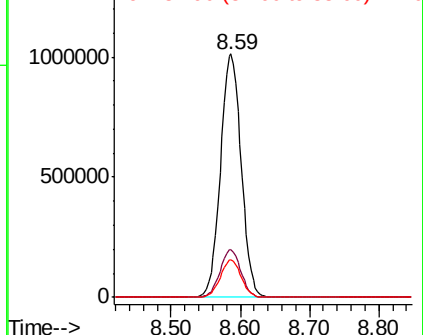
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN052890.D
 Acq: 14 Dec 2018 15:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBL02

Tot Ion:114 Resp: 2098363
 Ion Ratio Lower Upper
 114 100
 63 19.7 0.0 39.8
 88 15.4 0.0 31.0

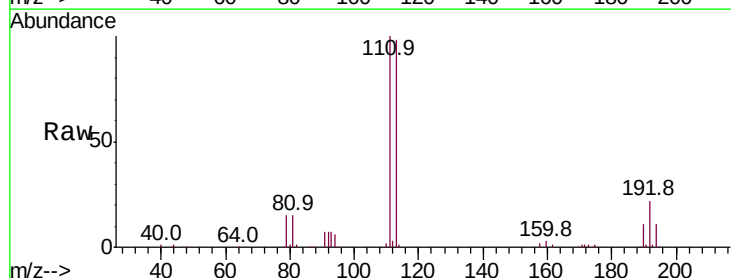


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

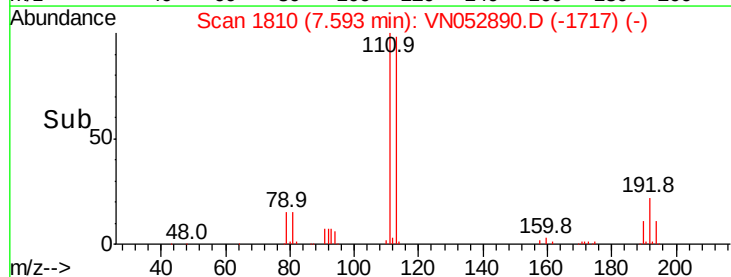
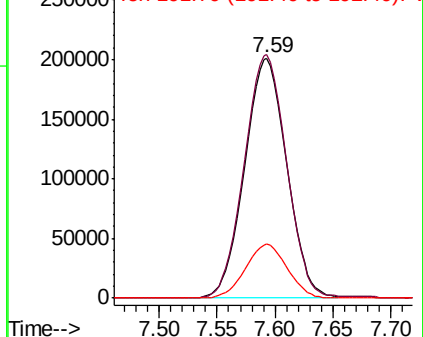


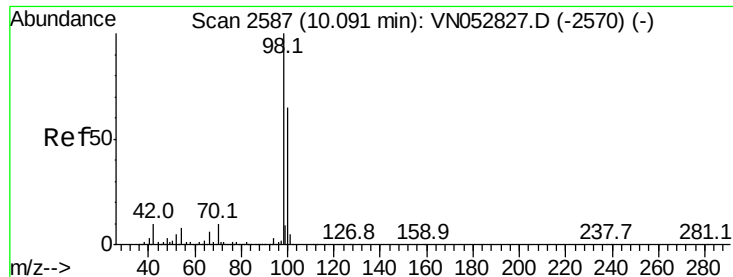
#35
 Dibromofluoromethane
 Concen: 50.000 ug/l
 RT: 7.59 min Scan# 1810
 Delta R.T. 0.00 min
 Lab File: VN052890.D
 Acq: 14 Dec 2018 15:54

Tgt Ion:113 Resp: 507934
 Ion Ratio Lower Upper
 113 100
 111 102.6 83.0 124.4
 192 22.3 17.5 26.3



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: N.D. ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN052890.D

Acq: 14 Dec 2018 15:54

Instrument :

MSVOA_N

ClientSampleId :

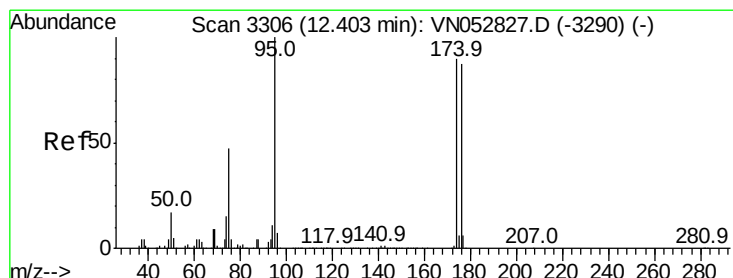
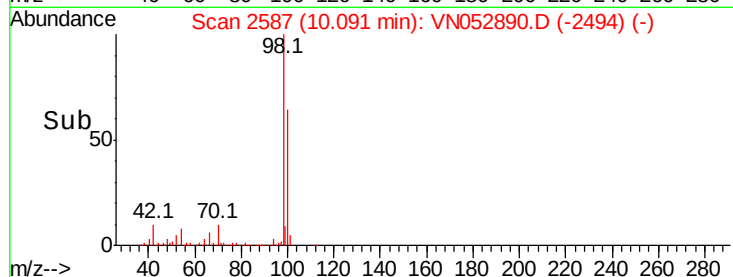
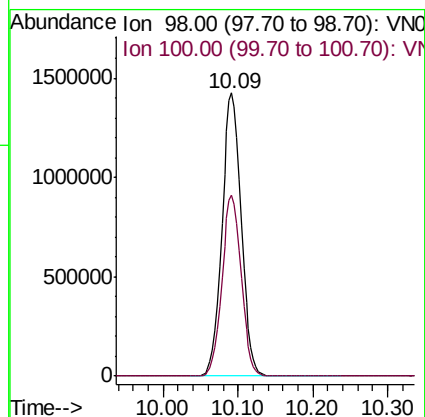
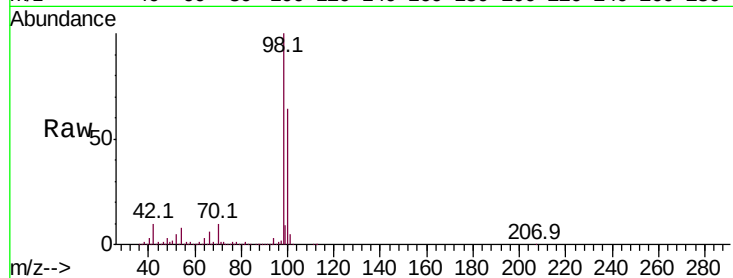
VN1214WBL02

Tot Ion: 98 Resp: 2518841

Ion Ratio Lower Upper

98 100

100 64.1 51.6 77.4



#62

4-Bromofluorobenzene

Concen: N.D. ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN052890.D

Acq: 14 Dec 2018 15:54

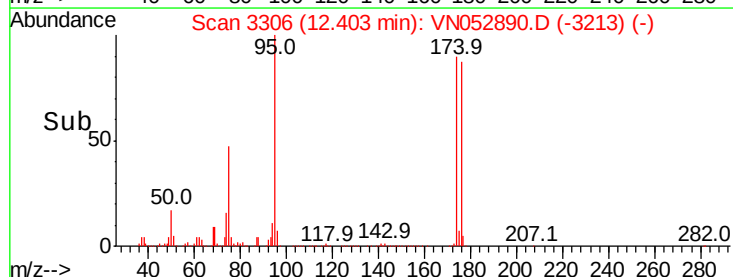
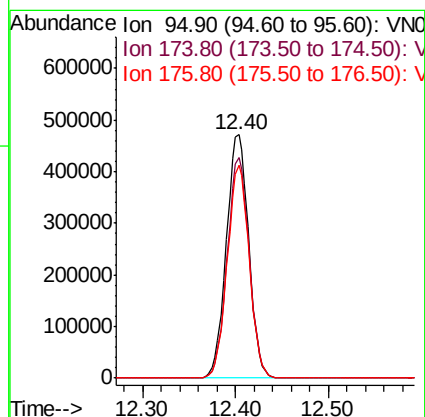
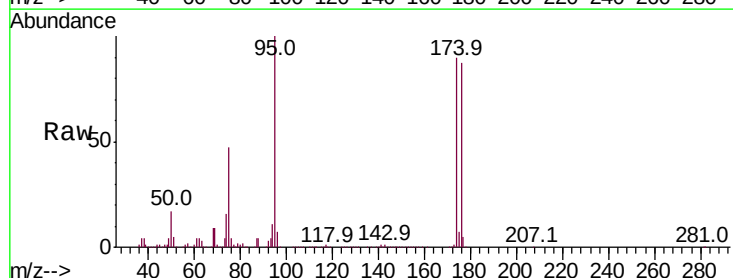
Tgt Ion: 95 Resp: 786048

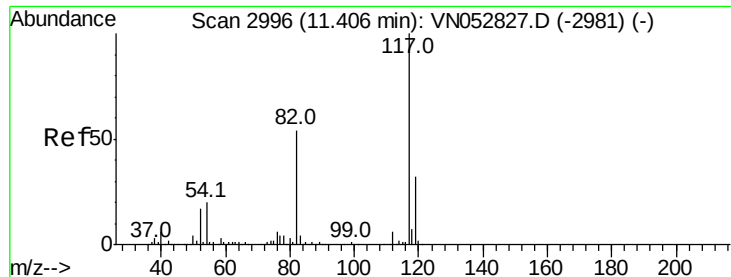
Ion Ratio Lower Upper

95 100

174 89.3 0.0 178.8

176 86.1 0.0 173.8

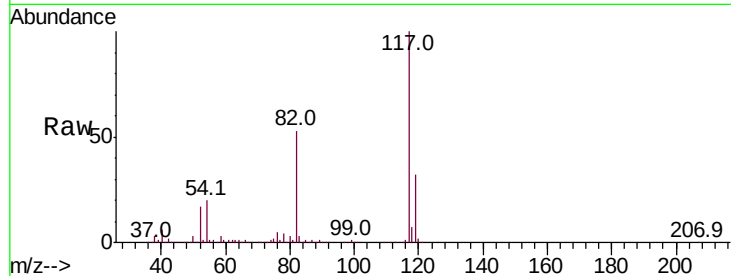




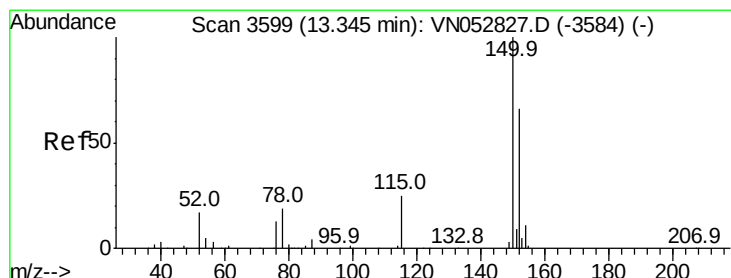
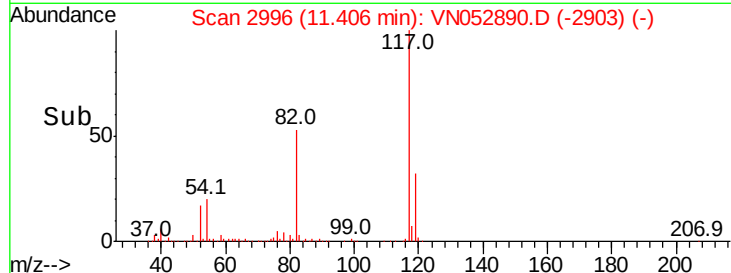
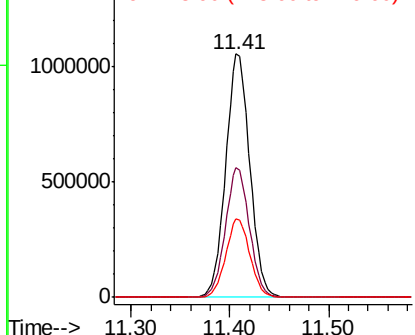
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN052890.D
Acq: 14 Dec 2018 15:54

Instrument :
MSVOA_N
ClientSampled :
VN1214WBL02

Tot Ion:117 Resp: 1800823
Ion Ratio Lower Upper
117 100
82 53.2 42.8 64.2
119 32.3 25.5 38.3

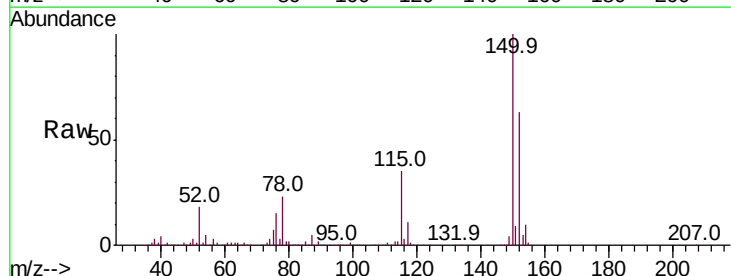


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN052890.D
Acq: 14 Dec 2018 15:54

Tgt Ion:152 Resp: 680224
Ion Ratio Lower Upper
152 100
115 56.5 28.3 85.0
150 157.5 0.0 347.8



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

