

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042219\
 Data File : VN055180.D
 Acq On : 22 Apr 2019 14:46
 Operator : JC/SP
 Sample : VN0422WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBL01

Quant Time: Apr 23 06:15:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042219W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 23 05:52:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	379222	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	633797	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	563184	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	153668	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	247729	48.26	ug/l	0.00
Spiked Amount			Recovery	=	96.52%	
35) Dibromofluoromethane	7.59	113	208340	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
50) Toluene-d8	10.09	98	773164	48.46	ug/l	0.00
Spiked Amount			Recovery	=	96.92%	
62) 4-Bromofluorobenzene	12.40	95	231839	45.89	ug/l	0.00
Spiked Amount			Recovery	=	91.78%	

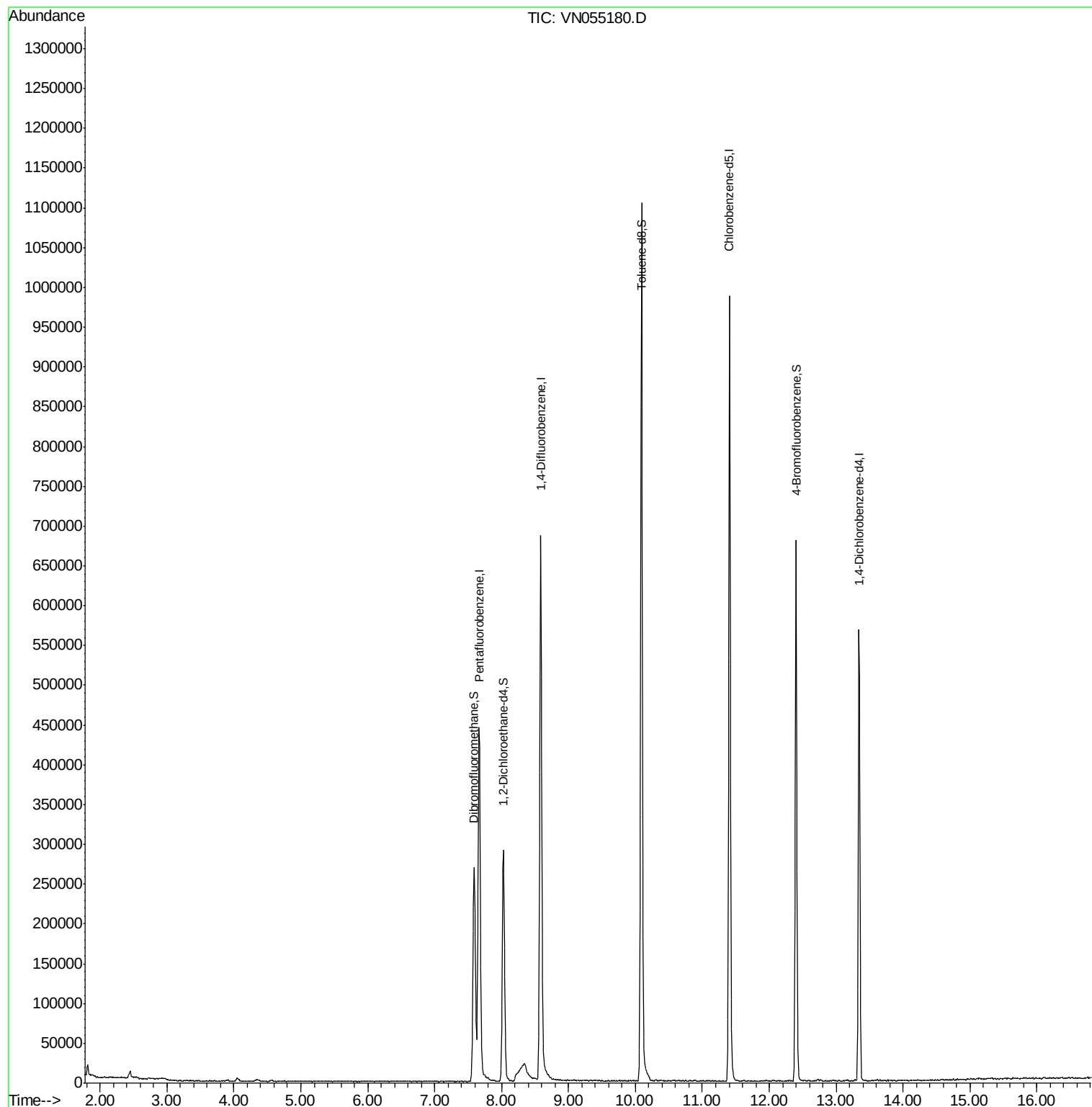
Target Compounds	Qvalue
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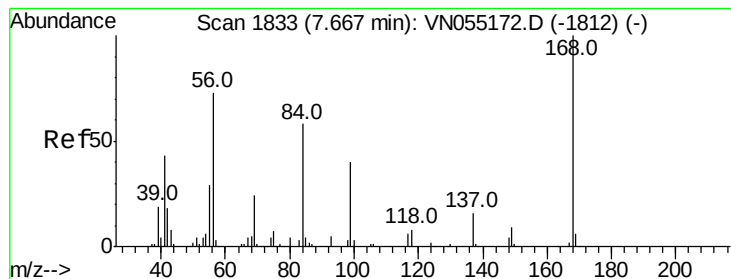
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055180.D

Acq: 22 Apr 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

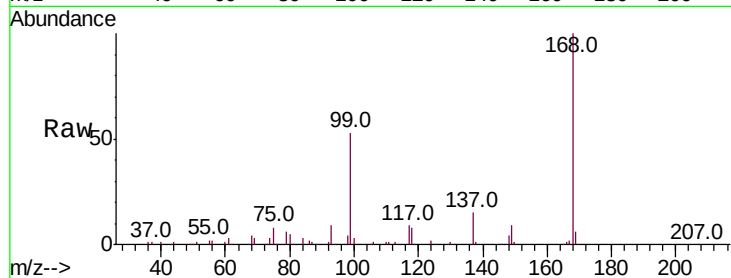
VN0422WBL01

Tot Ion:168 Resp: 379222

Ion Ratio Lower Upper

168 100

99 53.1 42.0 63.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.67

150000

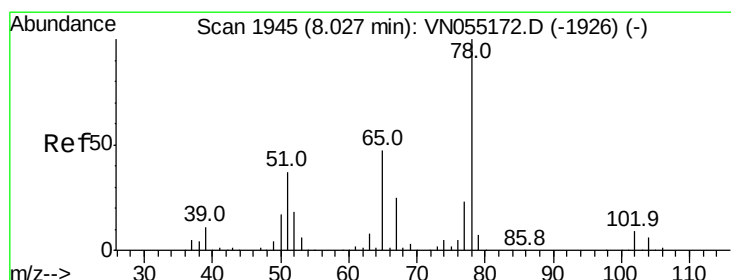
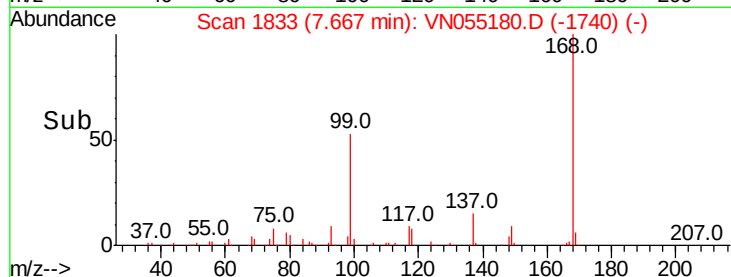
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.263 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055180.D

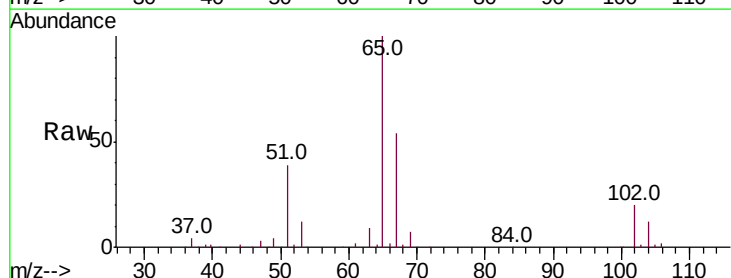
Acq: 22 Apr 2019 14:46

Tgt Ion: 65 Resp: 247729

Ion Ratio Lower Upper

65 100

67 53.6 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

120000

100000

80000

60000

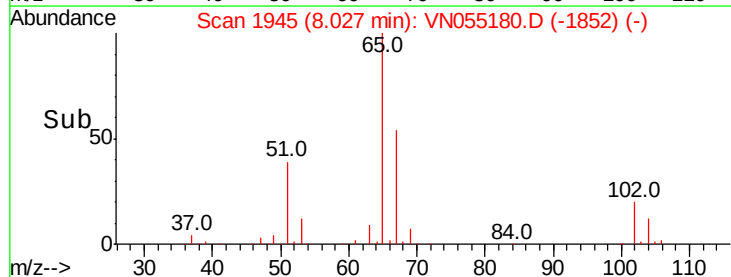
40000

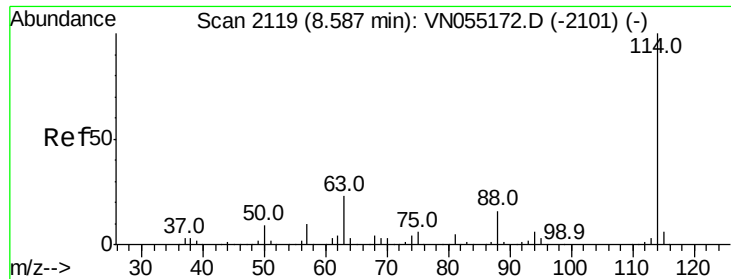
20000

0

7.90 8.00 8.10

Time-->

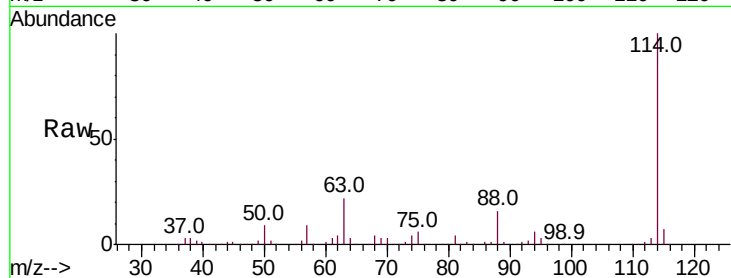




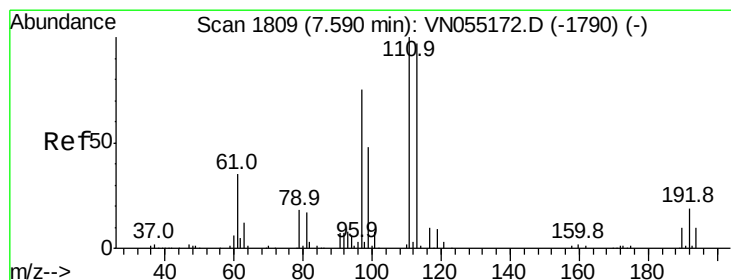
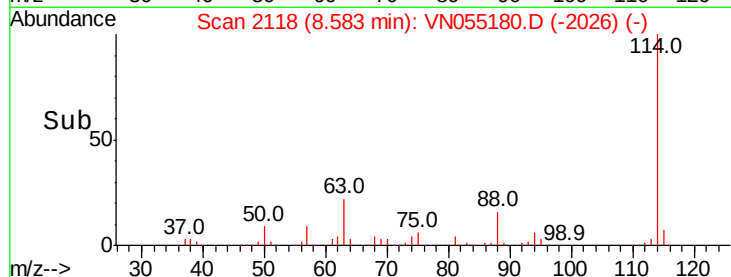
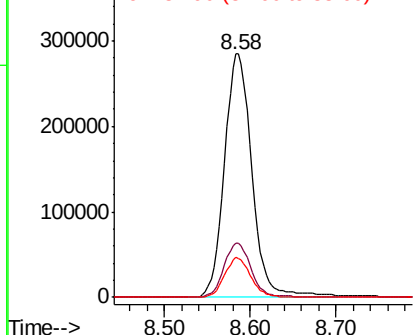
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055180.D
 Acq: 22 Apr 2019 14:46

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0422WBL01

Tot Ion:	114	Resp:	633797
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.2
88	16.3	0.0	32.8

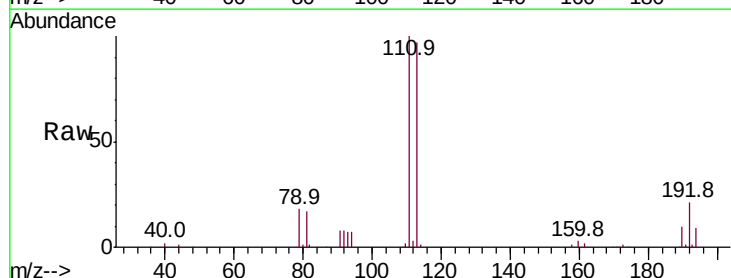


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

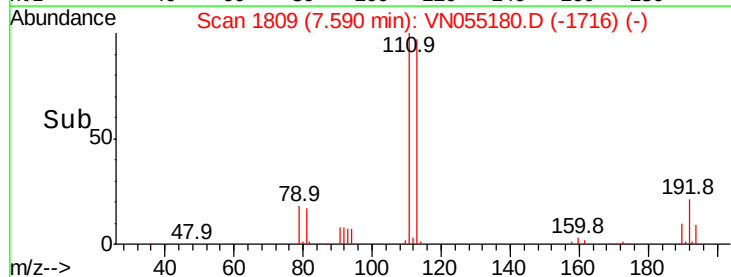
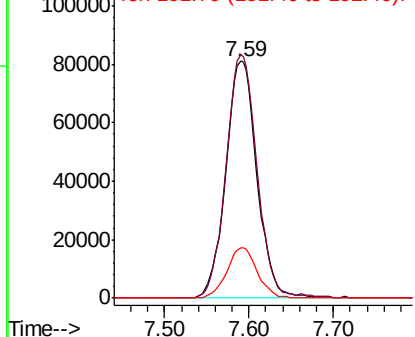


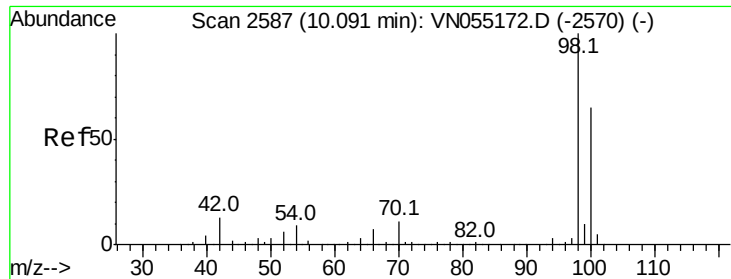
#35
 Dibromofluoromethane
 Concen: 48.387 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055180.D
 Acq: 22 Apr 2019 14:46

Tgt Ion:	113	Resp:	208340
Ion	Ratio	Lower	Upper
113	100		
111	101.3	81.0	121.4
192	20.6	16.2	24.4



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: 48.465 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055180.D

Acq: 22 Apr 2019 14:46

Instrument :

MSVOA_N

ClientSampleId :

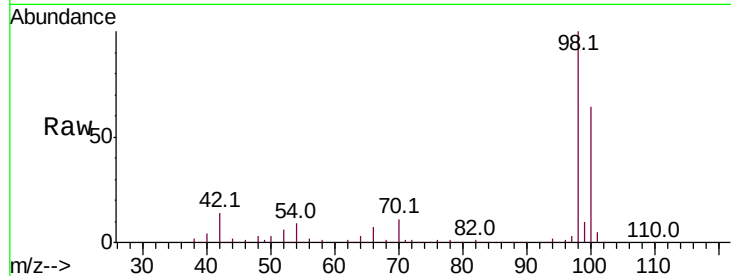
VN0422WBL01

Tot Ion: 98 Resp: 773164

Ion Ratio Lower Upper

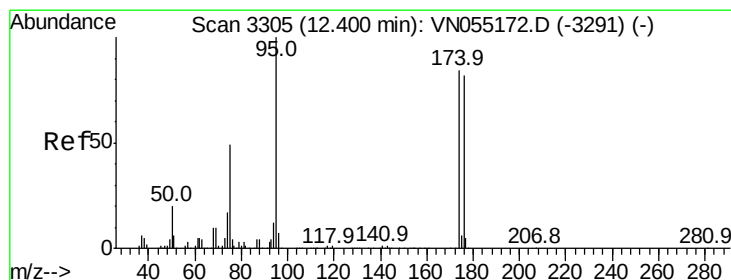
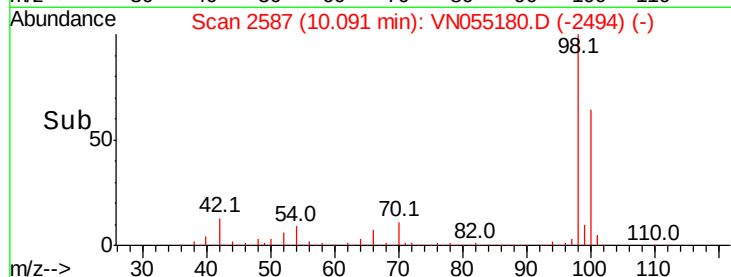
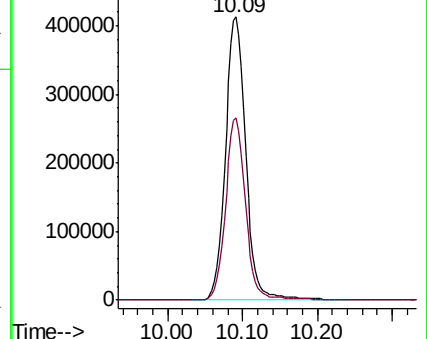
98 100

100 63.6 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.891 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055180.D

Acq: 22 Apr 2019 14:46

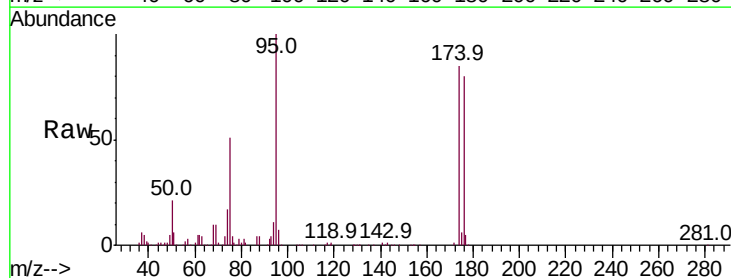
Tgt Ion: 95 Resp: 231839

Ion Ratio Lower Upper

95 100

174 83.3 0.0 168.4

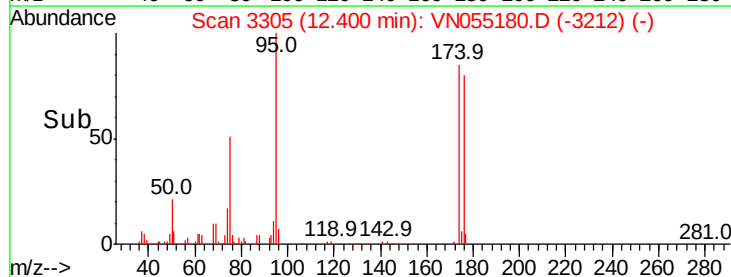
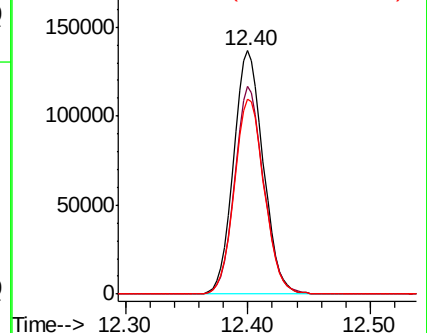
176 80.9 0.0 164.0

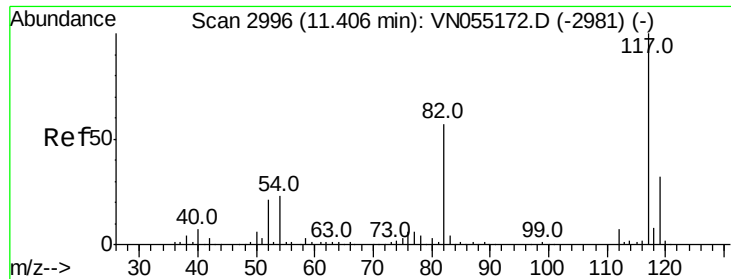


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

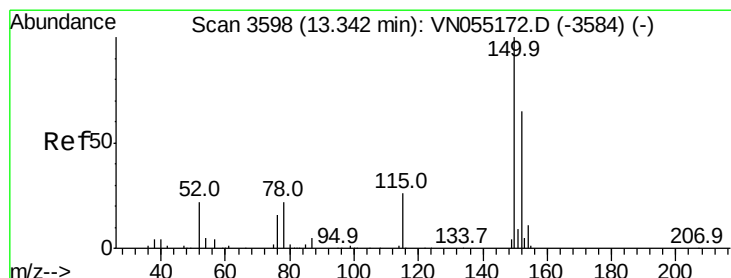
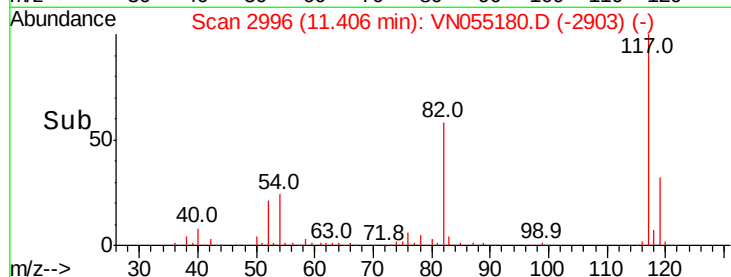
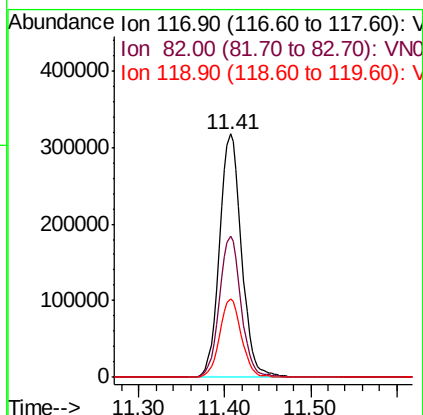
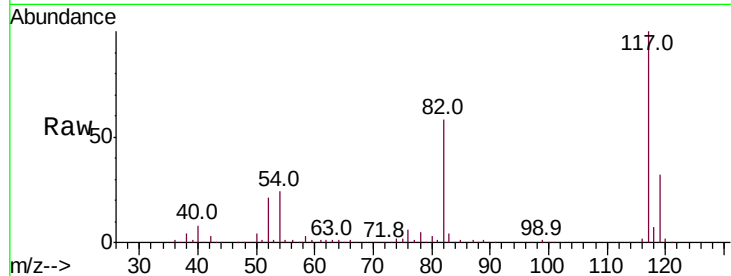




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055180.D
Acq: 22 Apr 2019 14:46

Instrument :
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Tot Ion:117 Resp: 563184
Ion Ratio Lower Upper
117 100
82 57.9 45.7 68.5
119 32.2 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN055180.D
Acq: 22 Apr 2019 14:46

Tgt Ion:152 Resp: 153668
Ion Ratio Lower Upper
152 100
115 56.9 28.9 86.7
150 158.4 0.0 346.6

