

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052819\
 Data File : VN055841.D
 Acq On : 28 May 2019 10:20
 Operator : JC/SP
 Sample : K3037-09
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20190522

Quant Time: May 28 18:16:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052319W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 24 06:41:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	430942	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	614255	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	557314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	193570	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	201474	45.27	ug/l	0.00
Spiked Amount						
			Recovery	=	90.54%	
35) Dibromofluoromethane	7.59	113	185220	47.69	ug/l	0.00
Spiked Amount						
			Recovery	=	95.38%	
50) Toluene-d8	10.09	98	737466	49.50	ug/l	0.00
Spiked Amount						
			Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.40	95	234806	45.97	ug/l	0.00
Spiked Amount						
			Recovery	=	91.94%	

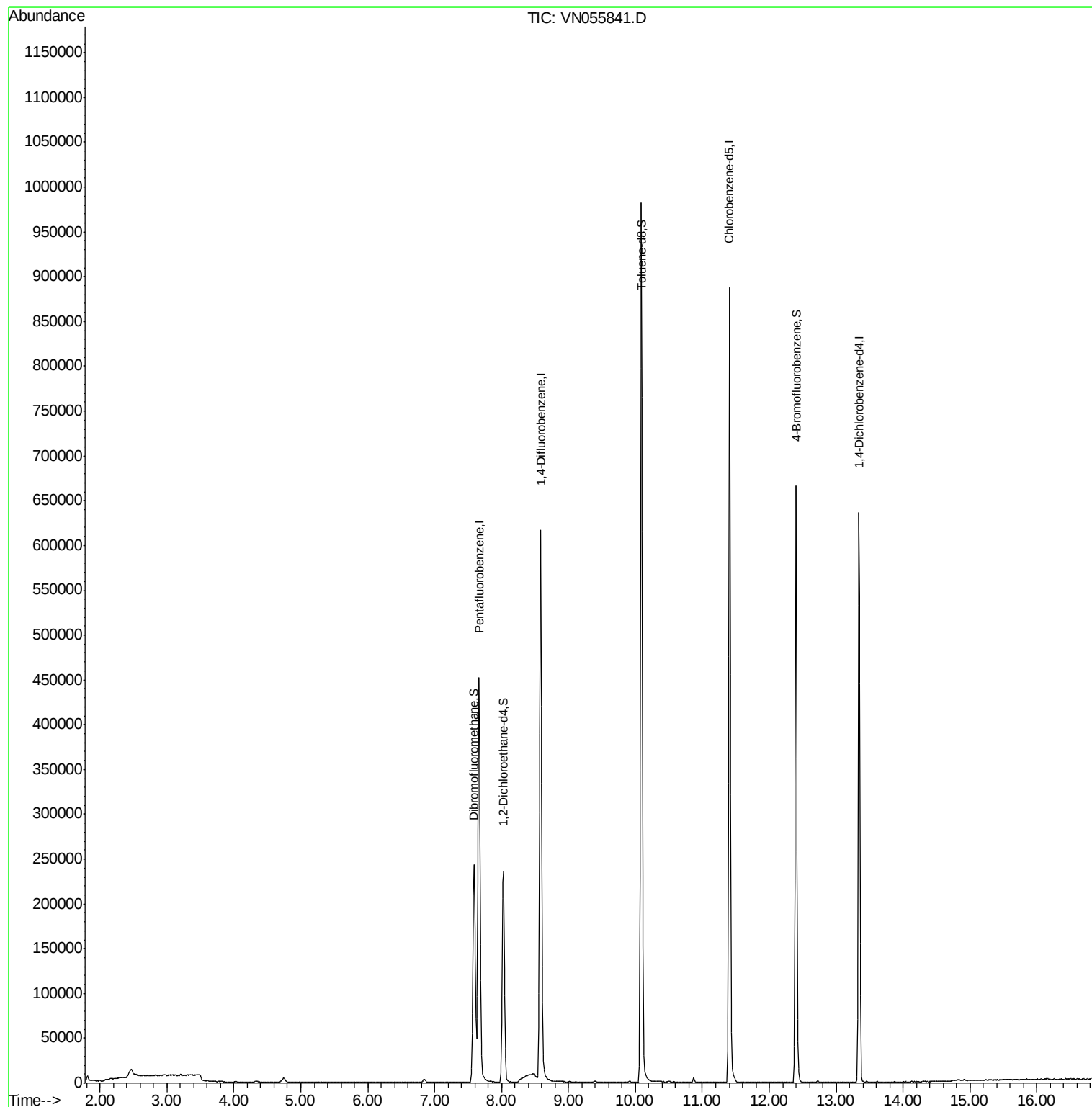
Target Compounds	Qvalue
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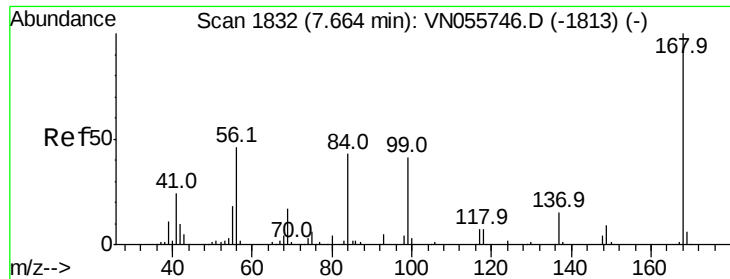
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055841.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

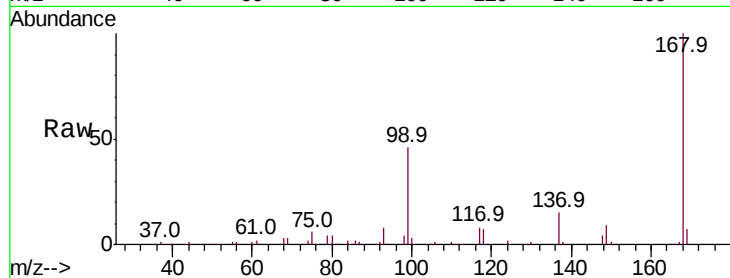
TB-20190522

Tot Ion:168 Resp: 430942

Ion Ratio Lower Upper

168 100

99 46.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): VN055841.D (-1739) (-)

Ion 98.90 (98.60 to 99.60): VN055841.D (-1739) (-)

7.66

150000

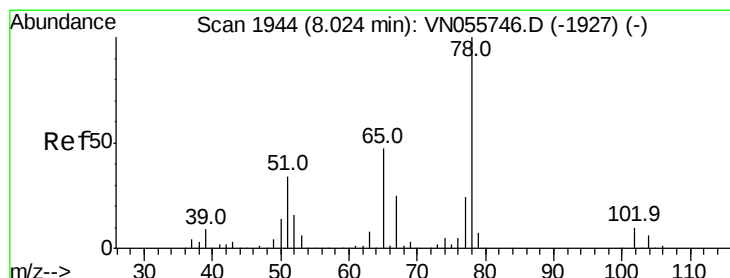
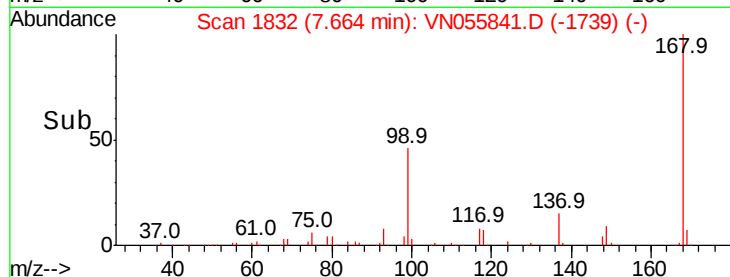
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 45.271 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055841.D

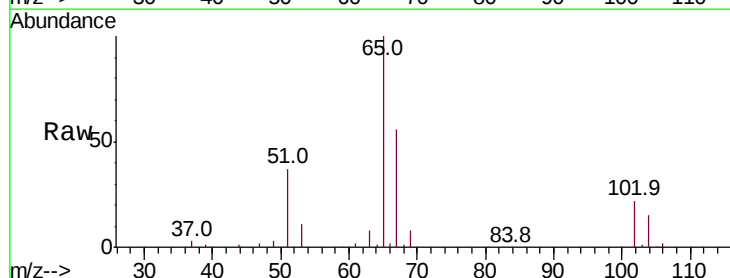
Acq: 28 May 2019 10:20

Tgt Ion: 65 Resp: 201474

Ion Ratio Lower Upper

65 100

67 55.2 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN055841.D (-1851) (-)

Ion 66.90 (66.60 to 67.60): VN055841.D (-1851) (-)

8.03

100000

80000

60000

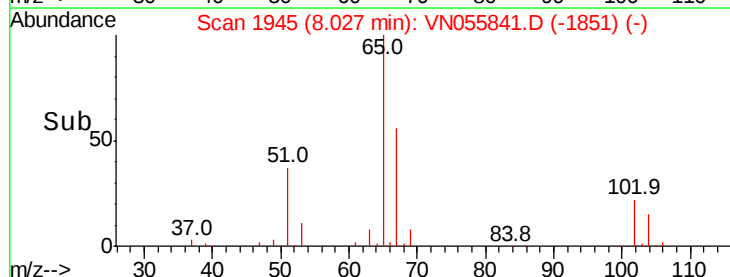
40000

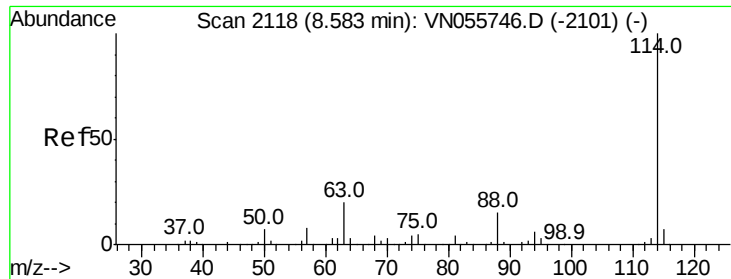
20000

0

7.90 8.00 8.10

Time-->

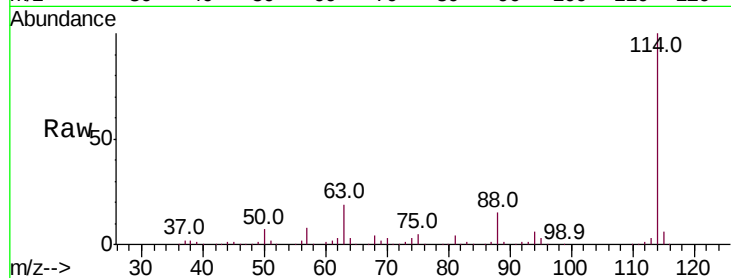




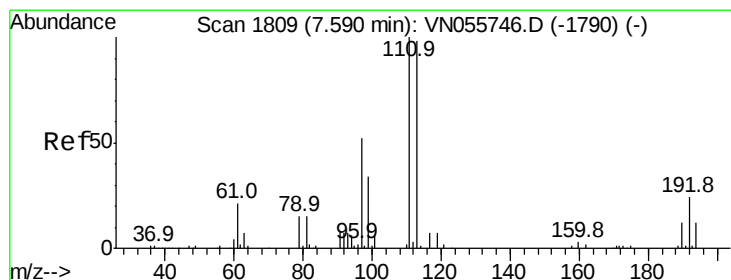
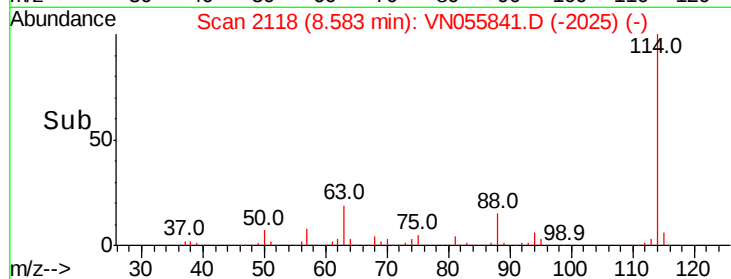
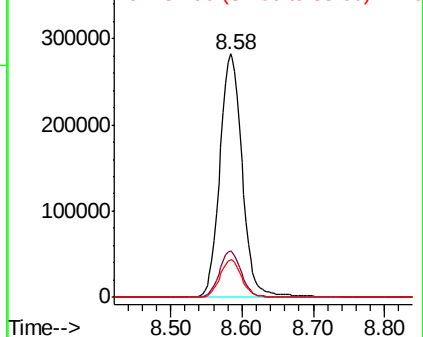
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055841.D
 Acq: 28 May 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20190522

Tot Ion:114 Resp: 614255
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 39.2
 88 15.4 0.0 31.0

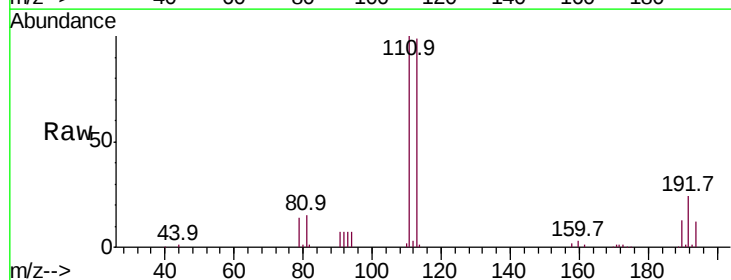


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

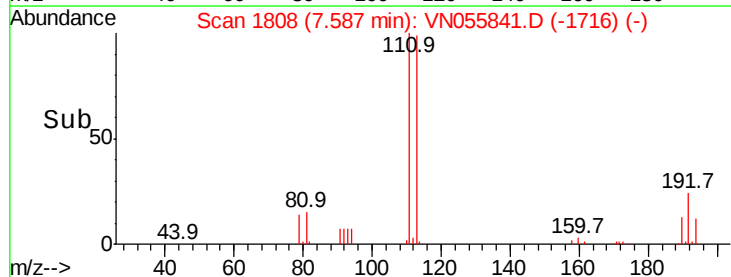
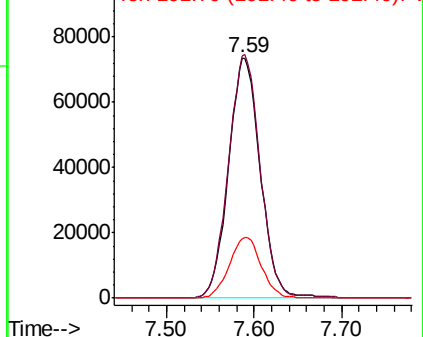


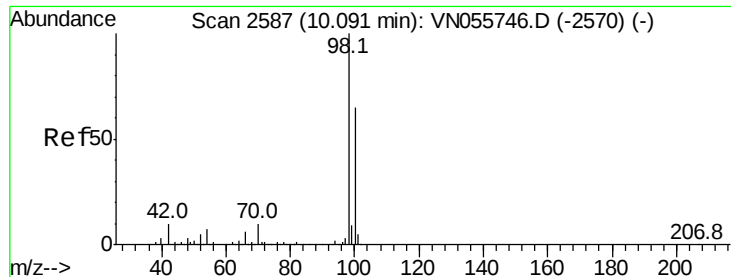
#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.59 min Scan# 1808
 Delta R.T. -0.00 min
 Lab File: VN055841.D
 Acq: 28 May 2019 10:20

Tgt Ion:113 Resp: 185220
 Ion Ratio Lower Upper
 113 100
 111 102.0 81.9 122.9
 192 25.4 19.5 29.3



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: 49.505 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055841.D

Acq: 28 May 2019 10:20

Instrument :

MSVOA_N

ClientSampleId :

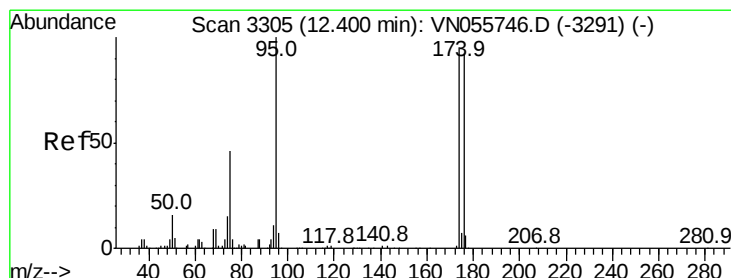
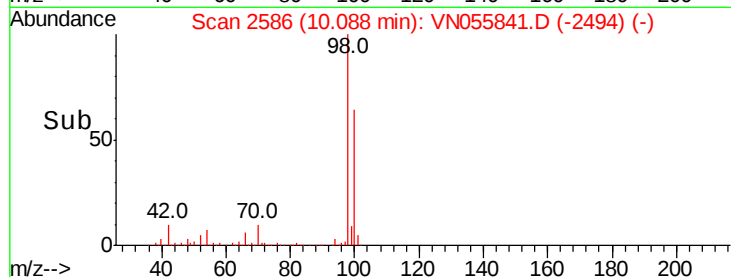
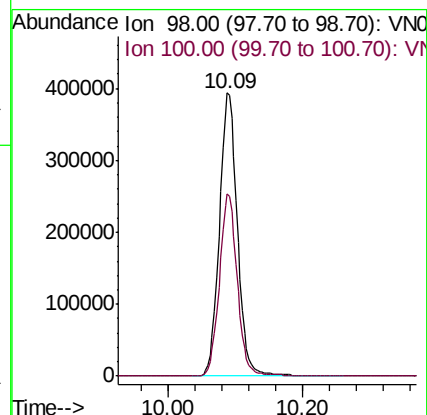
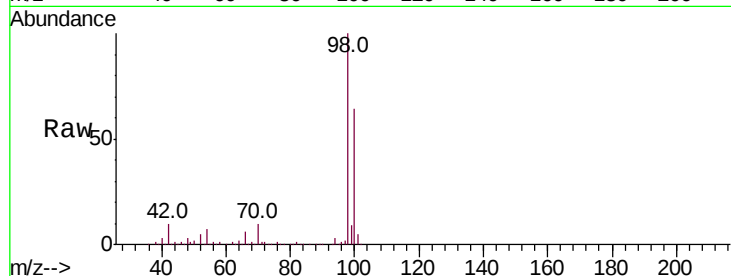
TB-20190522

Tot Ion: 98 Resp: 737466

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.969 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055841.D

Acq: 28 May 2019 10:20

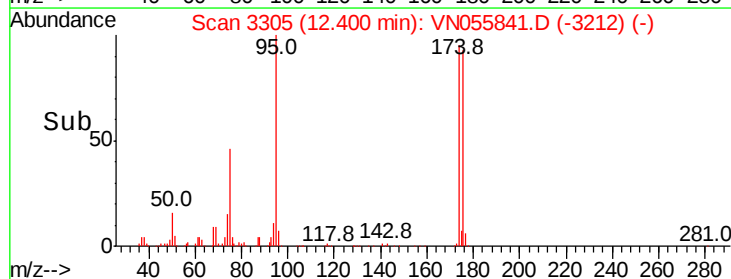
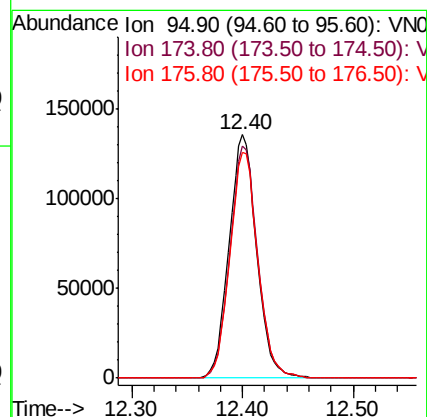
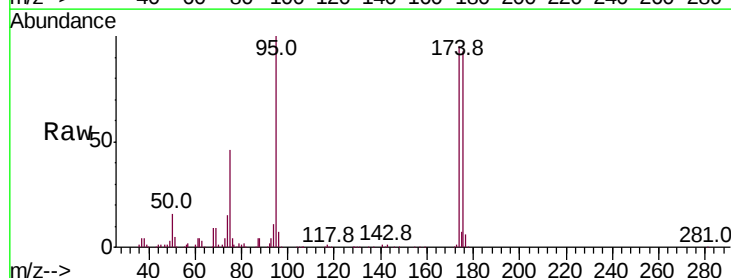
Tgt Ion: 95 Resp: 234806

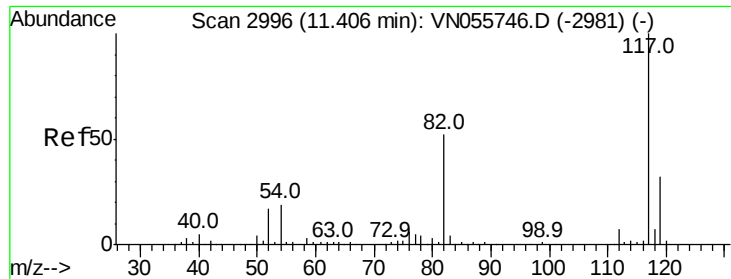
Ion Ratio Lower Upper

95 100

174 96.3 0.0 191.0

176 94.1 0.0 185.2

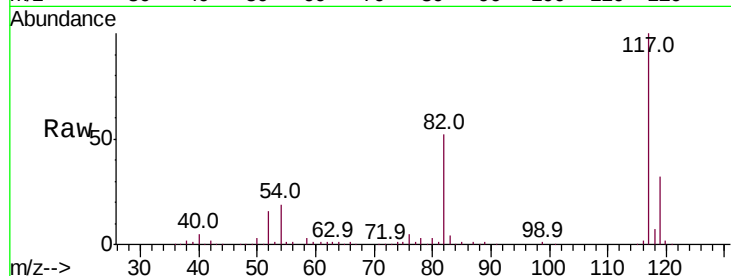




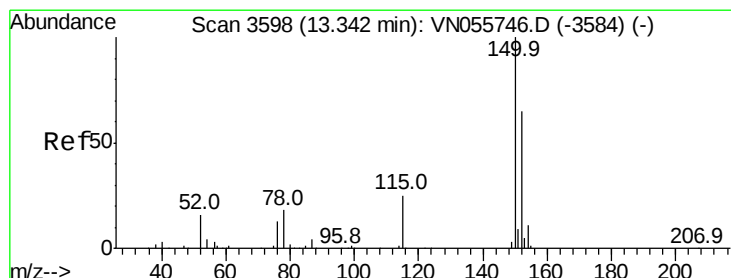
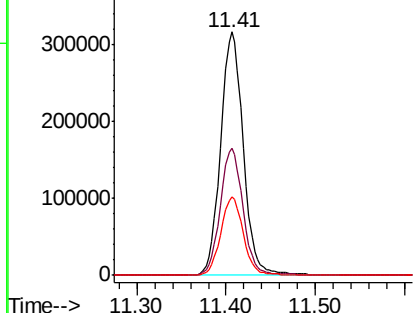
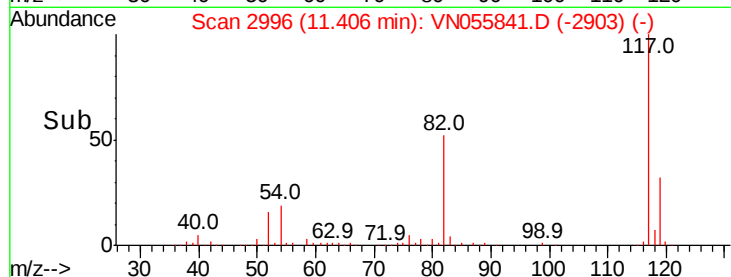
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN055841.D
 Acq: 28 May 2019 10:20

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20190522

Tot Ion:117 Resp: 557314
 Ion Ratio Lower Upper
 117 100
 82 52.4 41.8 62.8
 119 32.1 25.4 38.0

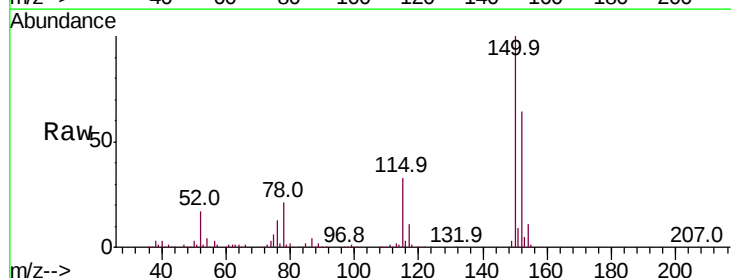


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.34 min Scan# 3598
 Delta R.T. 0.00 min
 Lab File: VN055841.D
 Acq: 28 May 2019 10:20

Tgt Ion:152 Resp: 193570
 Ion Ratio Lower Upper
 152 100
 115 52.5 27.0 81.0
 150 157.7 0.0 343.2



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

