

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052319\
 Data File : VN055755.D
 Acq On : 23 May 2019 15:56
 Operator : JC/SP
 Sample : VN0523WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBL01

Quant Time: May 24 07:10:52 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	427198	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	591403	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	514050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	172074	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	194454	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	7.59	113	181039	48.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.84%	
50) Toluene-d8	10.09	98	696904	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
62) 4-Bromofluorobenzene	12.40	95	213367	43.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.78%	

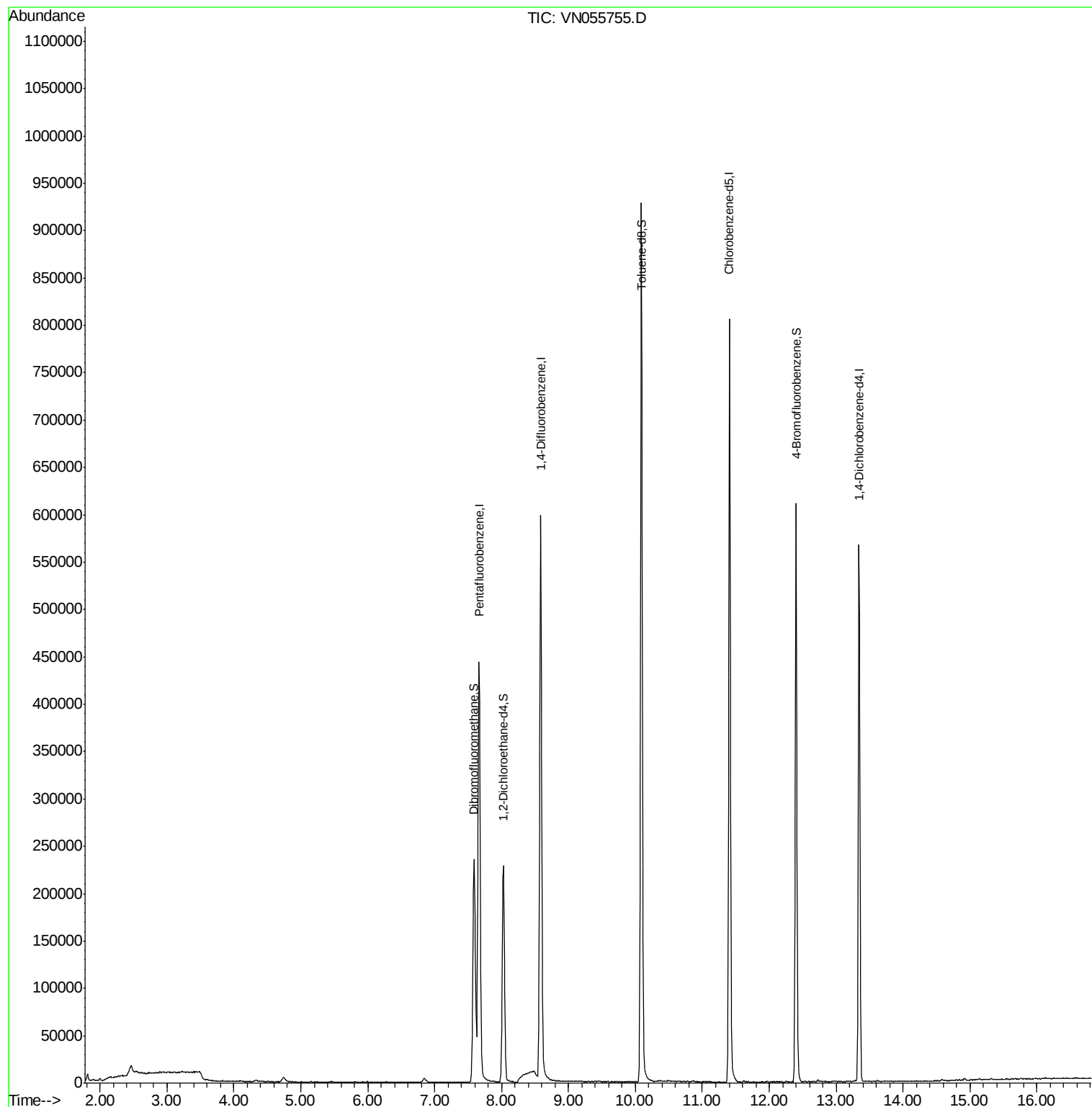
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN055755.D

Acq: 23 May 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

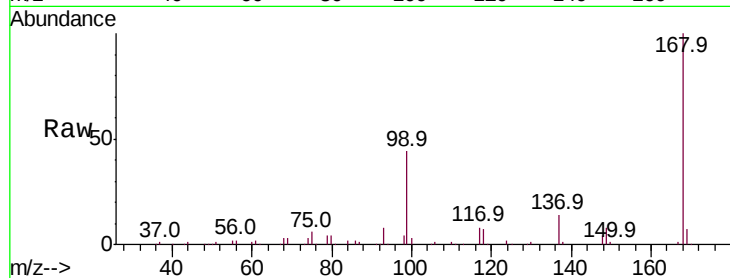
VN0523WBL01

Tot Ion:168 Resp: 427198

Ion Ratio Lower Upper

168 100

99 44.1 37.2 55.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.66

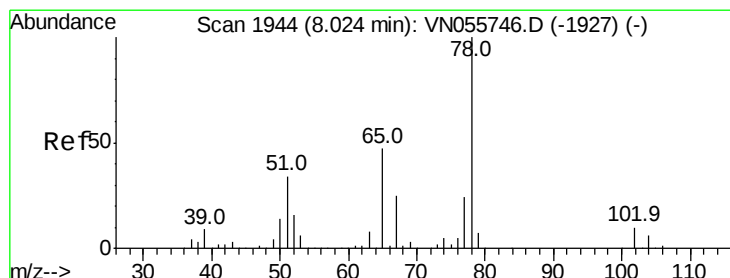
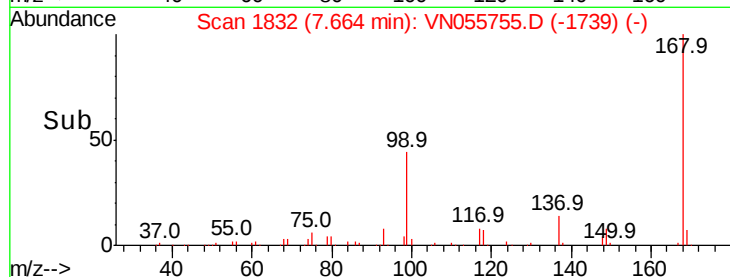
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80



#33

1,2-Dichloroethane-d4

Concen: 44.076 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055755.D

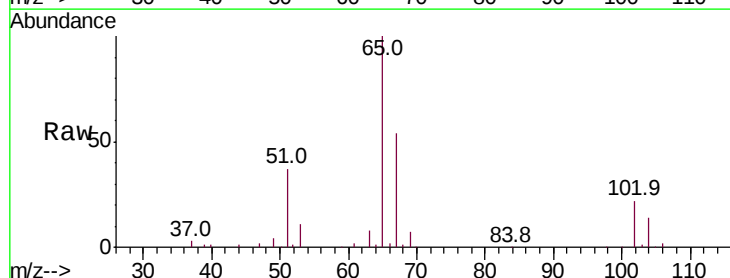
Acq: 23 May 2019 15:56

Tgt Ion: 65 Resp: 194454

Ion Ratio Lower Upper

65 100

67 54.9 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

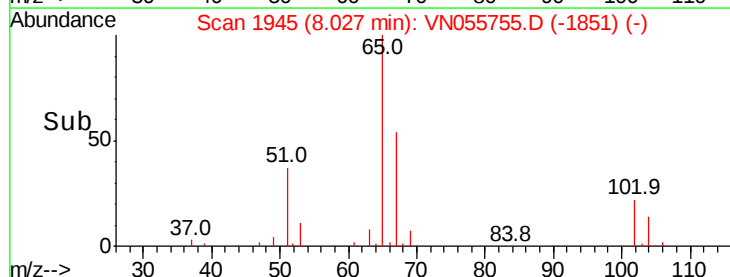
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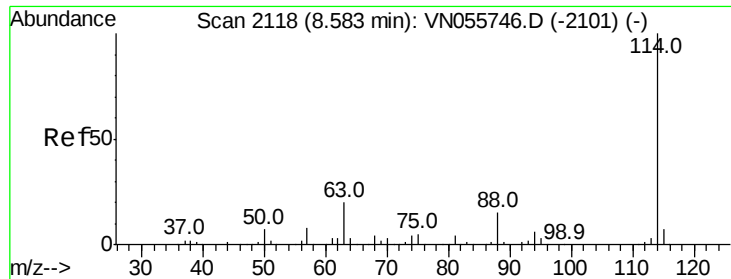
40000

20000

0

Time--> 8.00 8.10

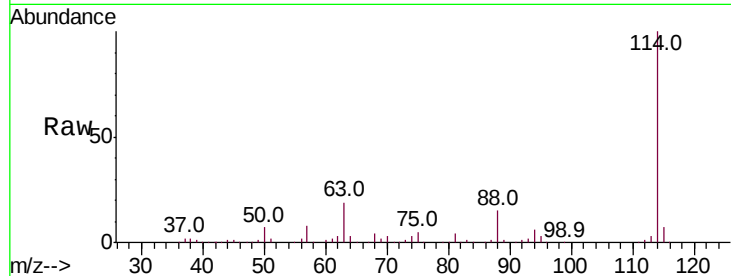




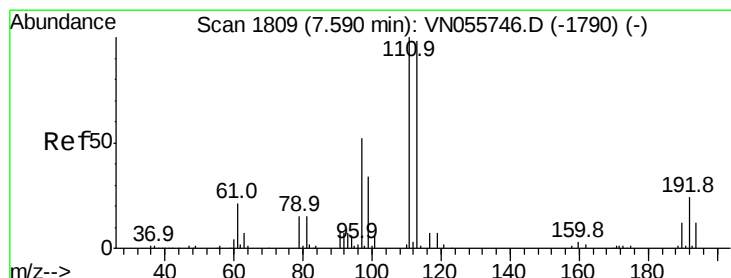
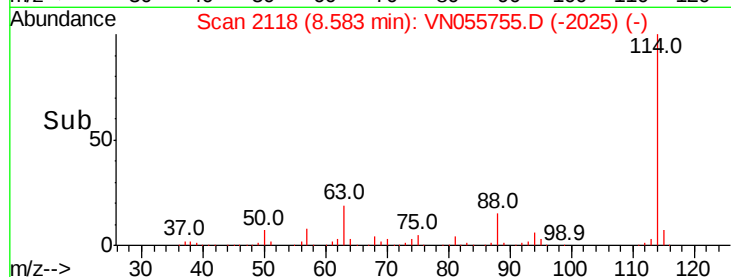
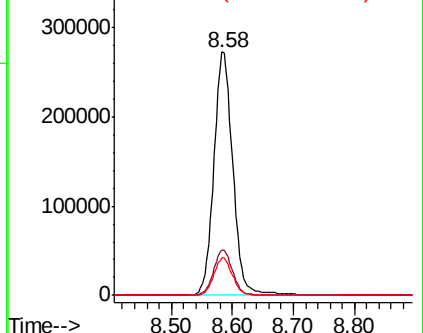
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055755.D
 Acq: 23 May 2019 15:56

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0523WBL01

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.8	0.0	39.2
88	15.3	0.0	31.0

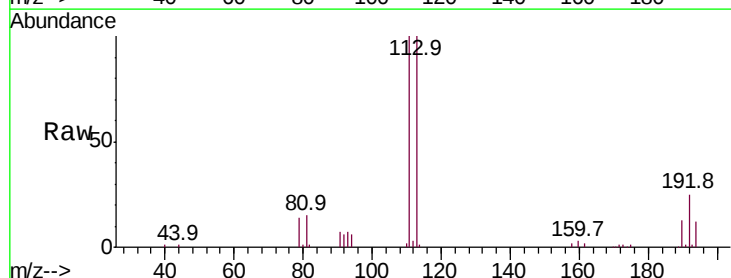


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

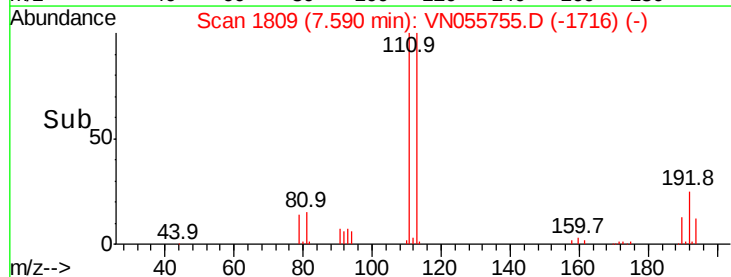
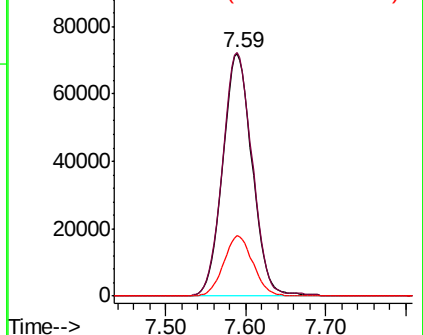


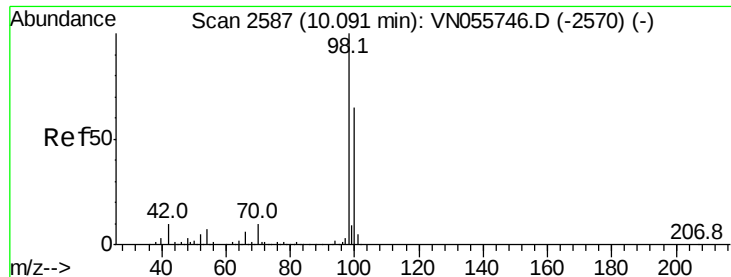
#35
 Dibromofluoromethane
 Concen: 48.418 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055755.D
 Acq: 23 May 2019 15:56

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	81.9	122.9
192	24.7	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: 48.590 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. -0.00 min

Lab File: VN055755.D

Acq: 23 May 2019 15:56

Instrument :

MSVOA_N

ClientSampleId :

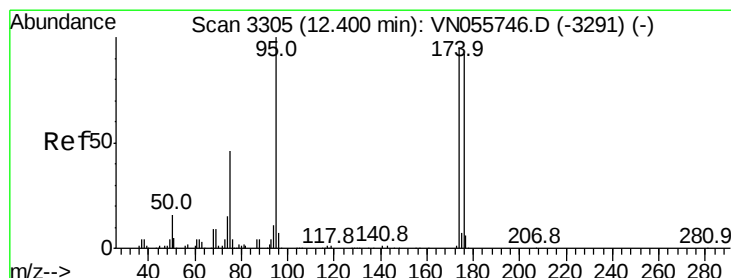
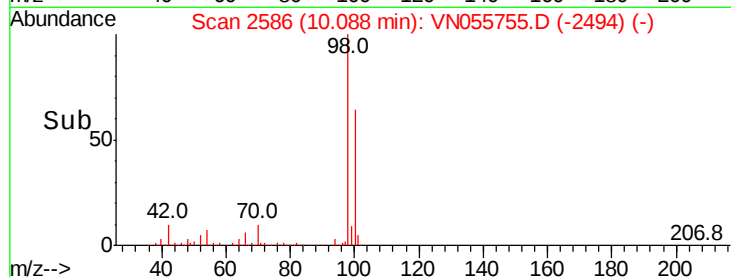
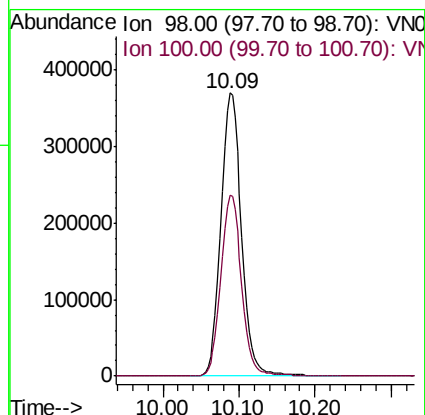
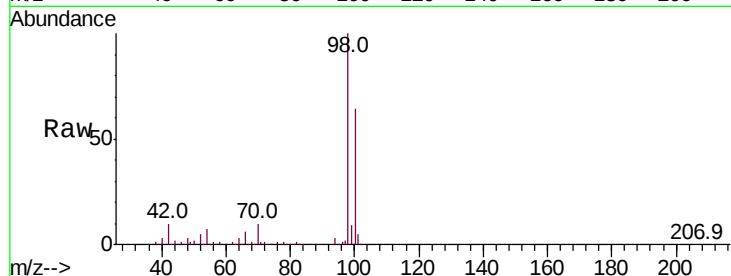
VN0523WBL01

Tot Ion: 98 Resp: 696904

Ion Ratio Lower Upper

98 100

100 64.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 43.386 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055755.D

Acq: 23 May 2019 15:56

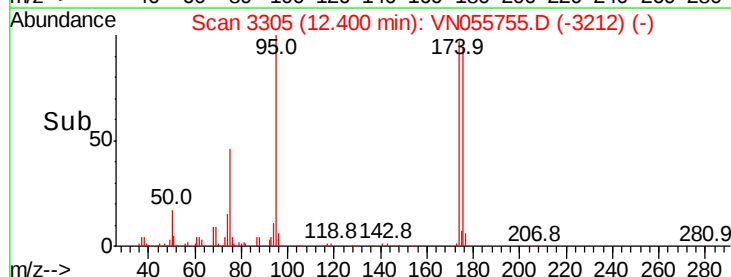
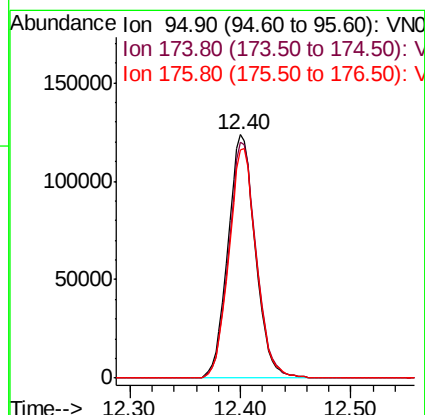
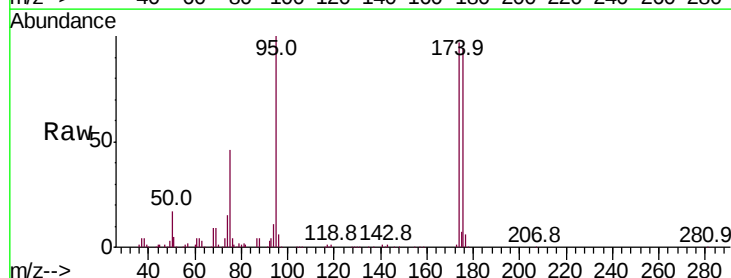
Tgt Ion: 95 Resp: 213367

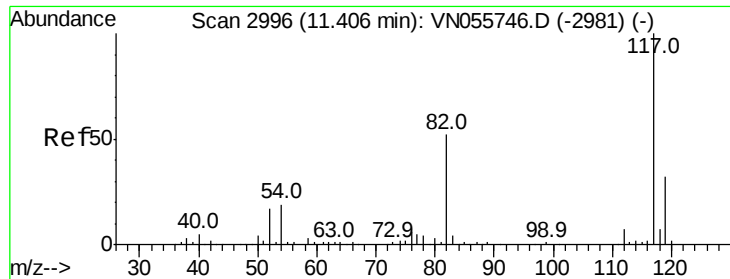
Ion Ratio Lower Upper

95 100

174 97.3 0.0 191.0

176 94.2 0.0 185.2

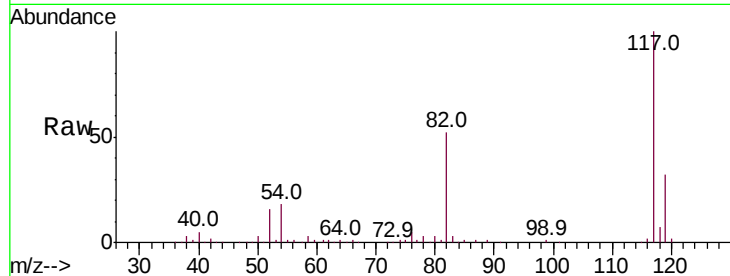




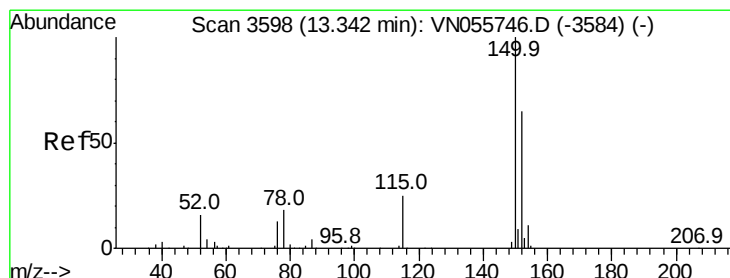
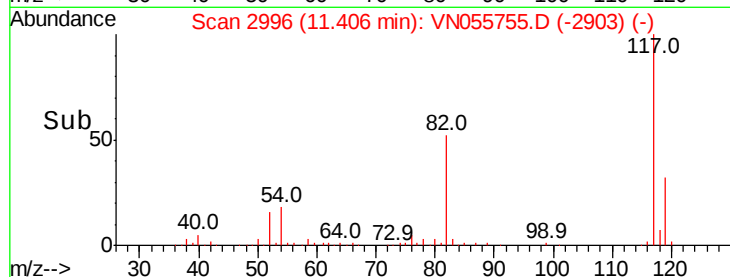
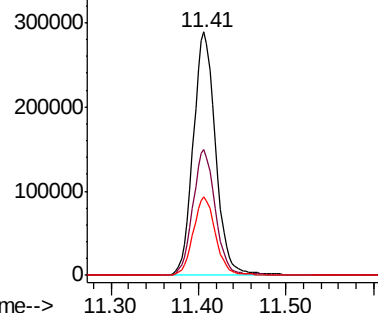
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055755.D
Acq: 23 May 2019 15:56

Instrument :
MSVOA_N
ClientSampleId :
VN0523WBL01

Tot Ion:117 Resp: 514050
Ion Ratio Lower Upper
117 100
82 51.5 41.8 62.8
119 32.1 25.4 38.0

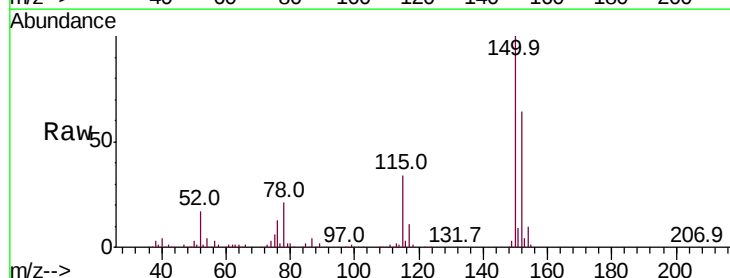


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN055755.D
Acq: 23 May 2019 15:56

Tgt Ion:152 Resp: 172074
Ion Ratio Lower Upper
152 100
115 53.1 27.0 81.0
150 156.5 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

