

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN053119\
 Data File : VN055945.D
 Acq On : 1 Jun 2019 3:41
 Operator : JC/SP
 Sample : K3125-26 10X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 13892

Quant Time: Jun 01 04:29:53 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	362068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	543376	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	499179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	166748	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	182197	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	7.59	113	157181	45.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.50%	
50) Toluene-d8	10.09	98	644549	48.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.82%	
62) 4-Bromofluorobenzene	12.40	95	206318	45.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.32%	

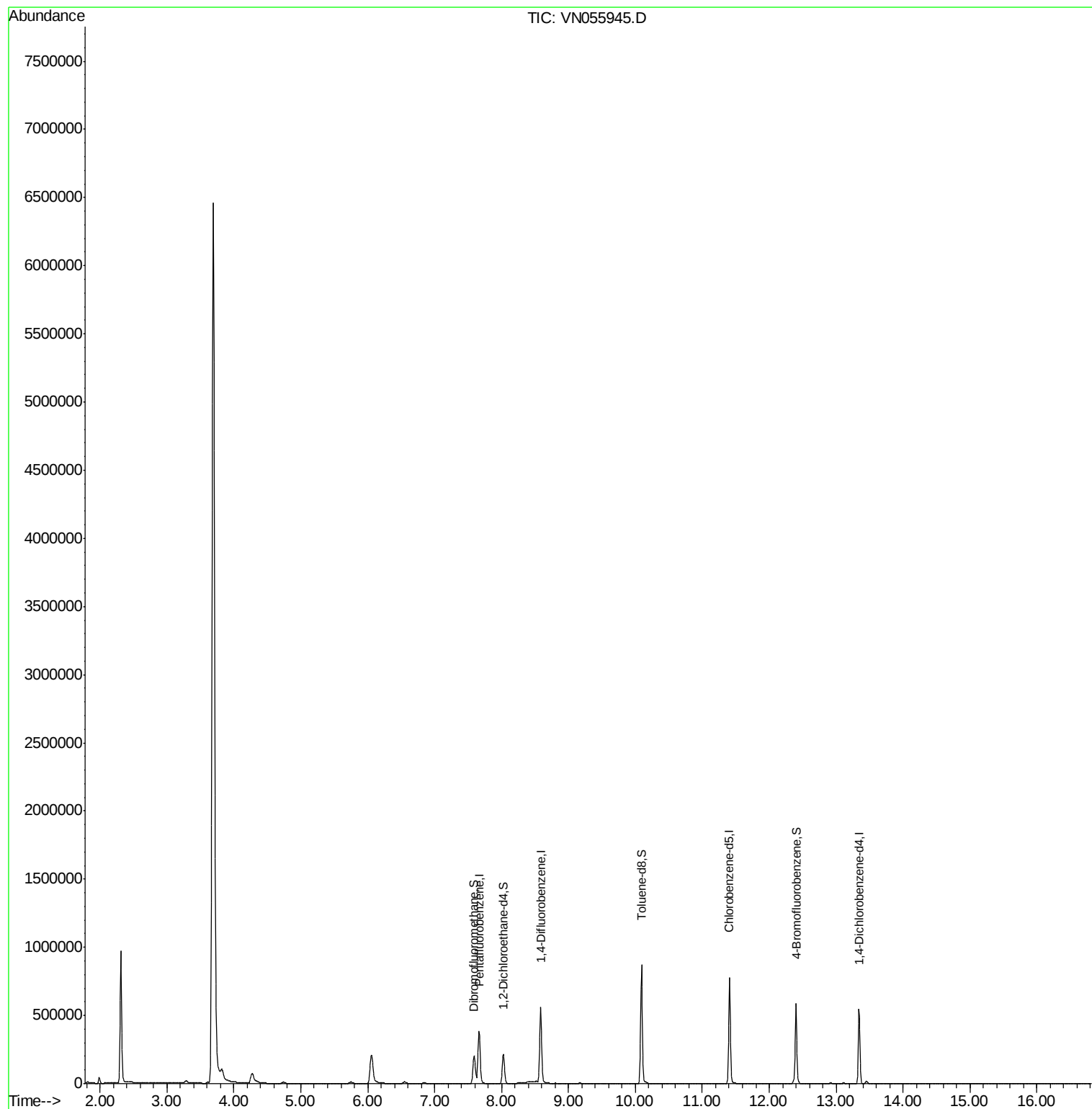
Target Compounds	Qvalue
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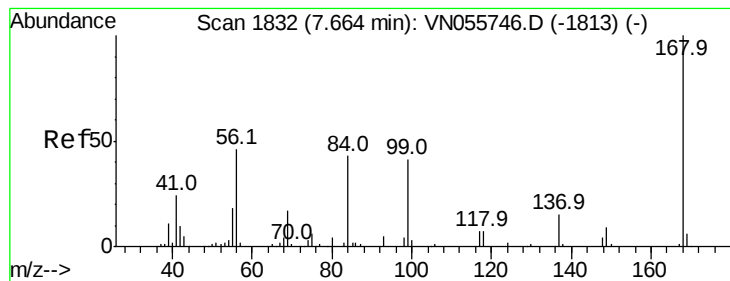
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN055945.D

Acq: 1 Jun 2019 3:41

Instrument :

MSVOA_N

ClientSampled :

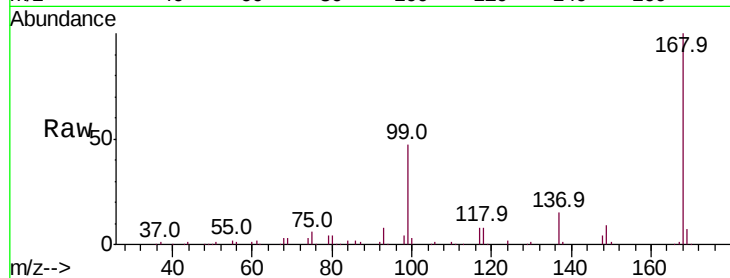
13892

Tot Ion:168 Resp: 362068

Ion Ratio Lower Upper

168 100

99 47.0 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

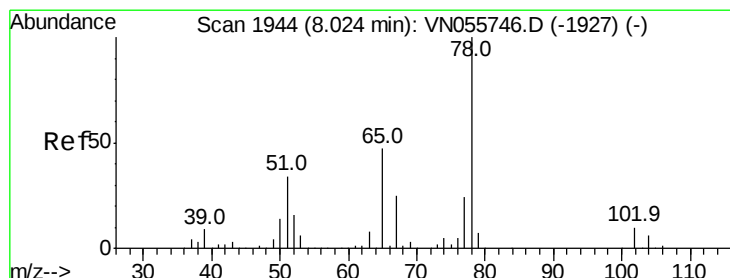
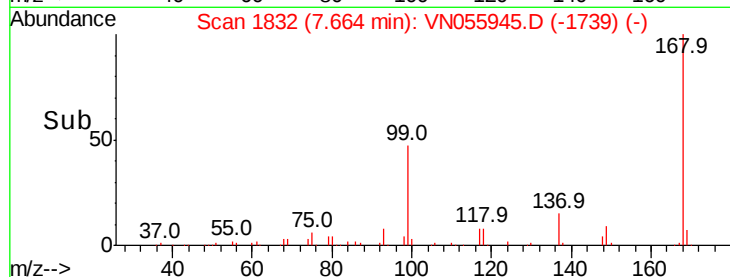
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.727 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN055945.D

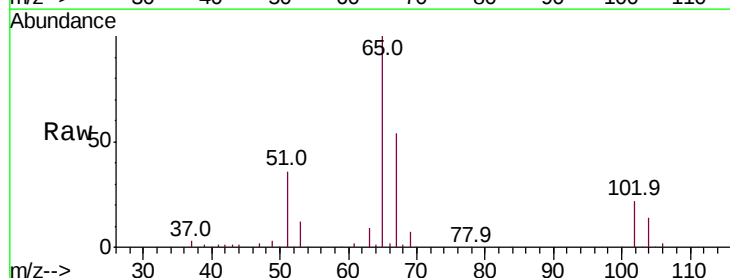
Acq: 1 Jun 2019 3:41

Tgt Ion: 65 Resp: 182197

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.2



Abundance Ion 64.90 (64.60 to 65.60): VN

Ion 66.90 (66.60 to 67.60): VN

8.03

80000

60000

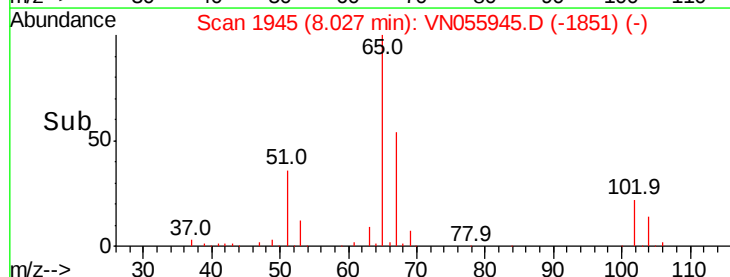
40000

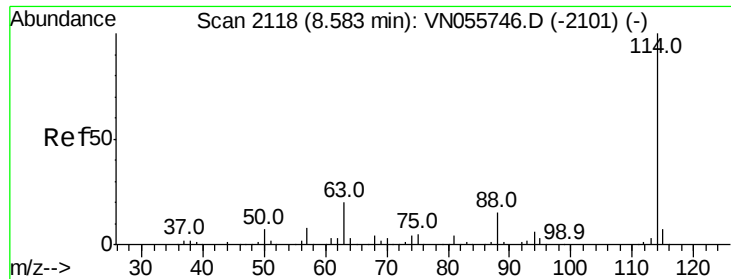
20000

0

7.90 8.00 8.10 8.20

Time-->

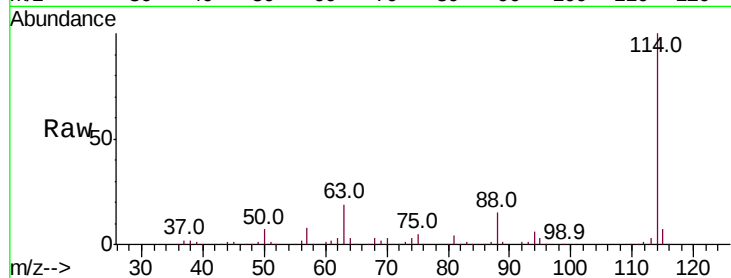




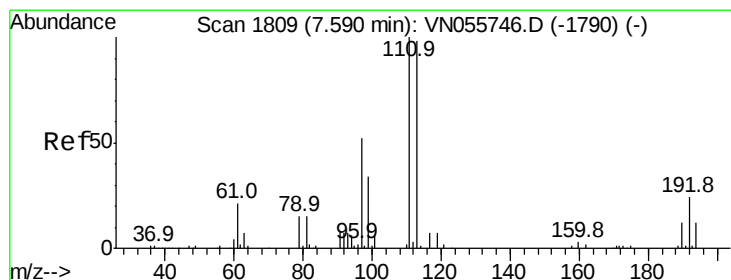
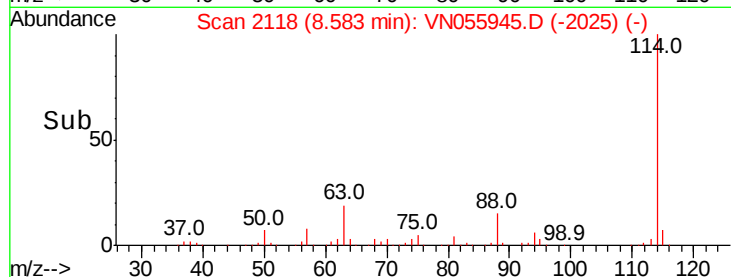
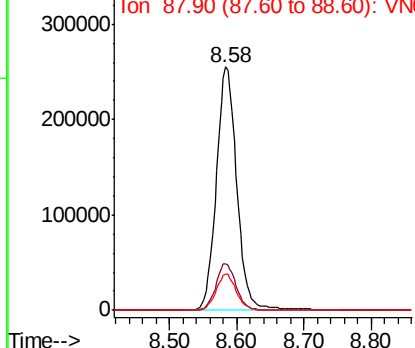
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN055945.D
 Acq: 1 Jun 2019 3:41

Instrument :
 MSVOA_N
 ClientSampleId :
 13892

Tot Ion:114 Resp: 543376
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.2
 88 14.9 0.0 31.0

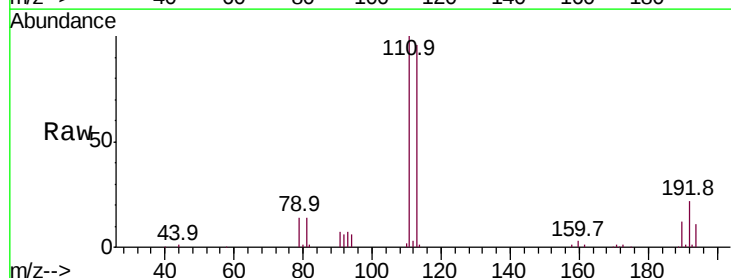


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

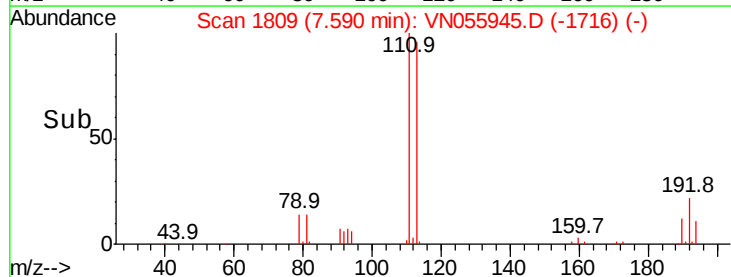
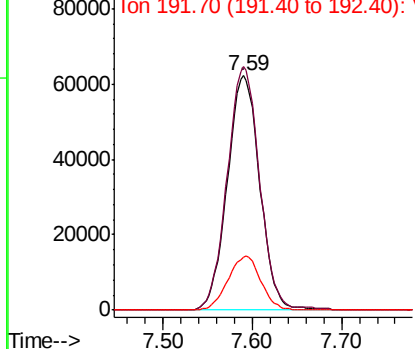


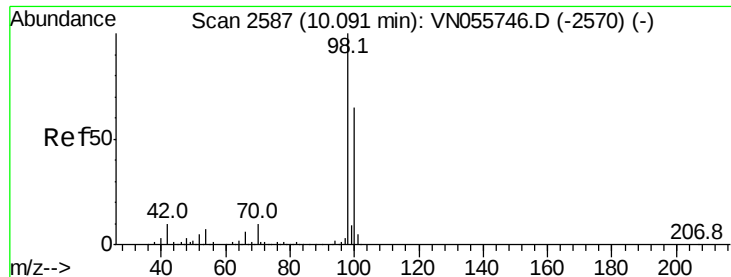
#35
 Dibromofluoromethane
 Concen: 45.753 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. 0.00 min
 Lab File: VN055945.D
 Acq: 1 Jun 2019 3:41

Tgt Ion:113 Resp: 157181
 Ion Ratio Lower Upper
 113 100
 111 102.8 81.9 122.9
 192 23.2 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: 48.911 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055945.D

Acq: 1 Jun 2019 3:41

Instrument :

MSVOA_N

ClientSampleId :

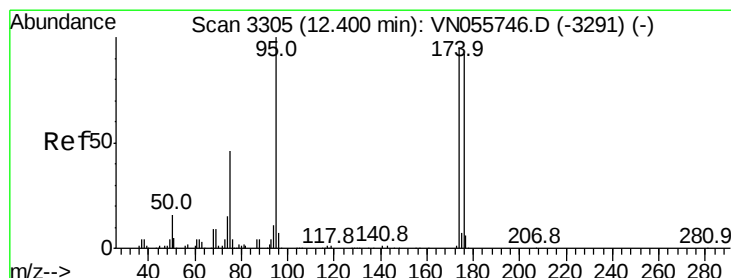
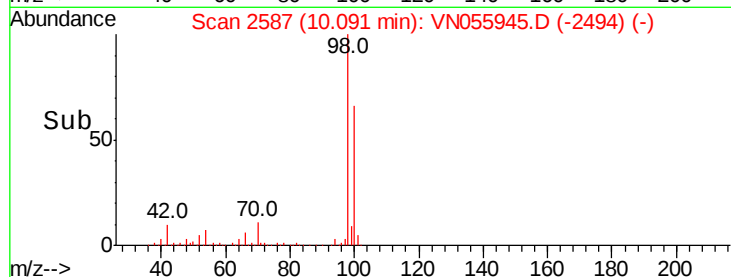
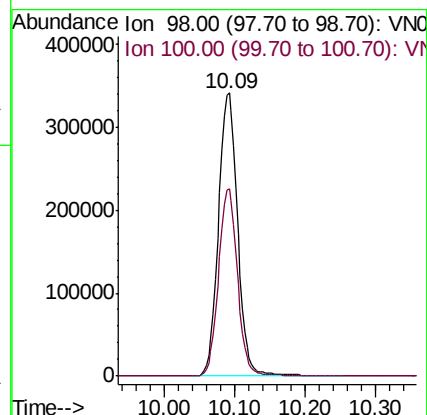
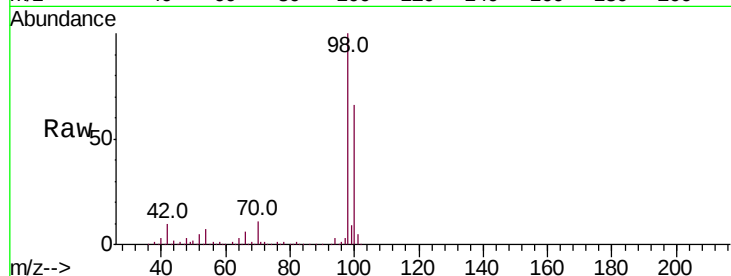
13892

Tot Ion: 98 Resp: 644549

Ion Ratio Lower Upper

98 100

100 65.4 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 45.660 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN055945.D

Acq: 1 Jun 2019 3:41

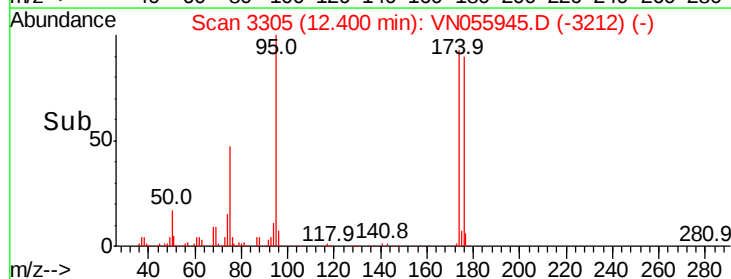
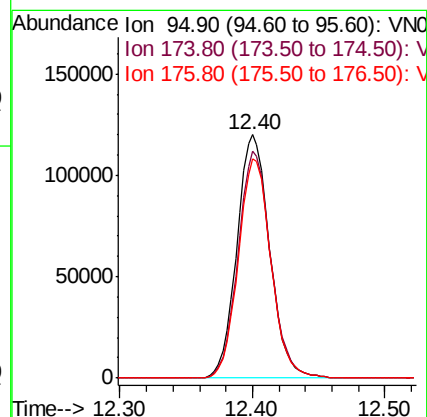
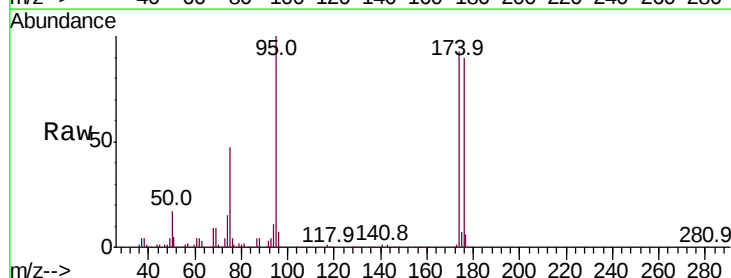
Tgt Ion: 95 Resp: 206318

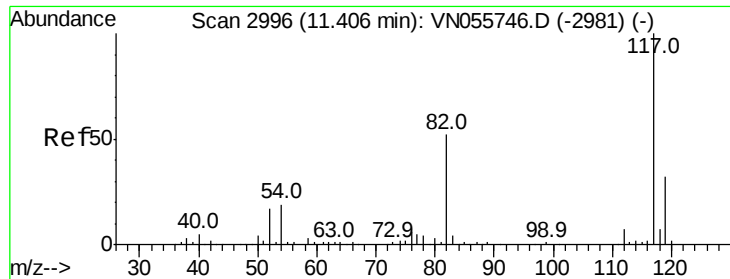
Ion Ratio Lower Upper

95 100

174 92.9 0.0 191.0

176 89.8 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: VN055945.D

Acq: 1 Jun 2019 3:41

Instrument :

MSVOA_N

ClientSampled :

13892

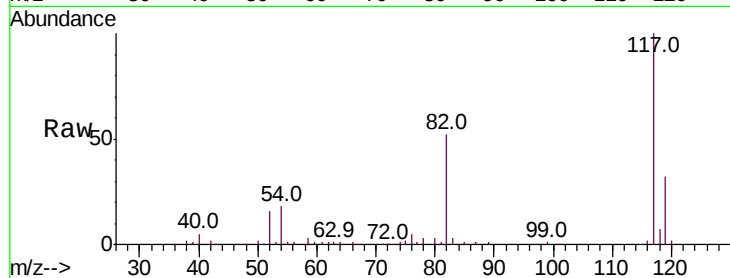
Tot Ion:117 Resp: 499179

Ion Ratio Lower Upper

117 100

82 51.6 41.8 62.8

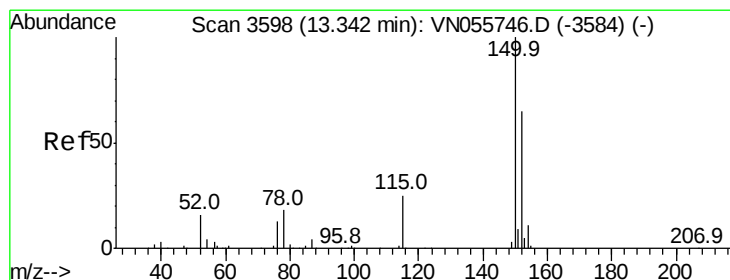
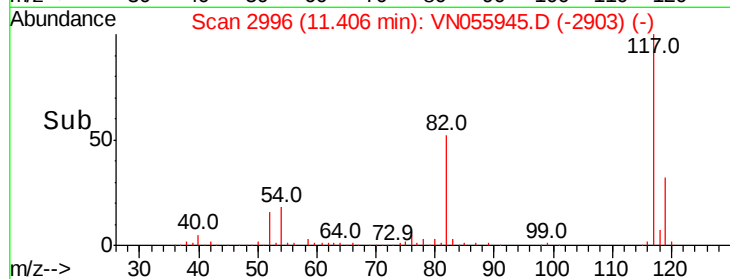
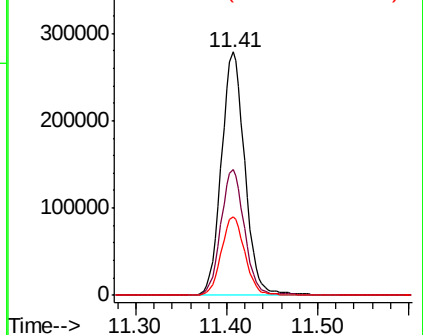
119 32.5 25.4 38.0



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: VN055945.D

Acq: 1 Jun 2019 3:41

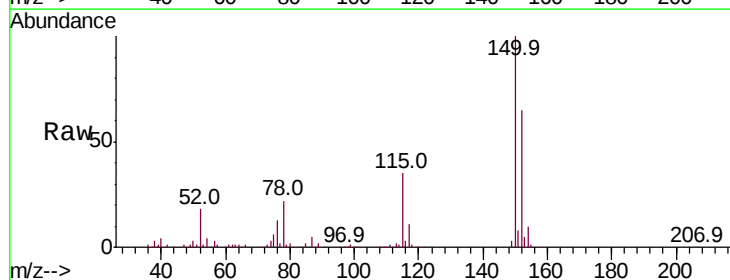
Tgt Ion:152 Resp: 166748

Ion Ratio Lower Upper

152 100

115 53.4 27.0 81.0

150 155.7 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

