

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN090219\
 Data File : VN057656.D
 Acq On : 1 Sep 2019 20:16
 Operator : JC/SP
 Sample : K4516-08
 Misc : 5.86g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S-E-(0)

Quant Time: Sep 02 03:23:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N090119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 15:54:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	175242	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	306880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	252554	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	108279	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	217234	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	7.58	113	125399	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
50) Toluene-d8	10.09	98	496405	48.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.50%	
62) 4-Bromofluorobenzene	12.40	95	158071	40.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.80%	

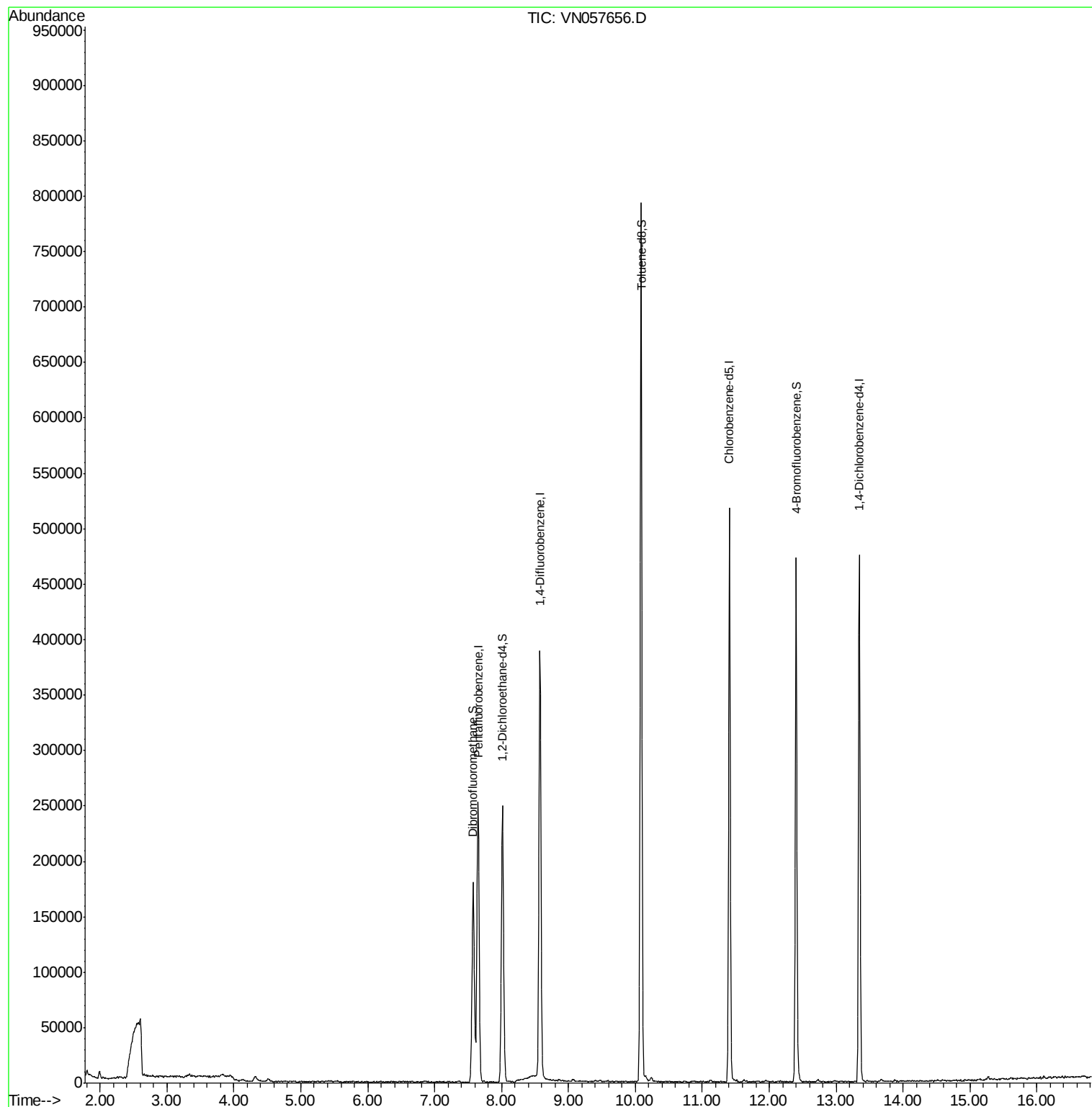
Target Compounds	Qvalue

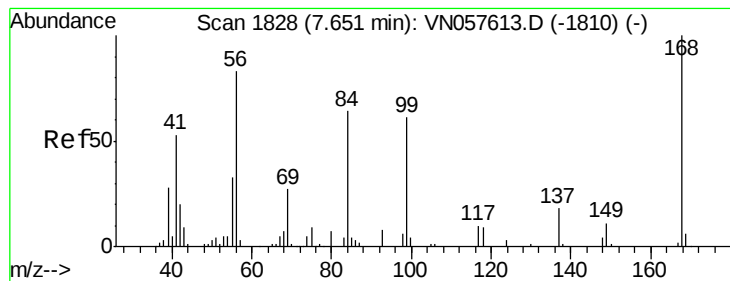
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

Lab File: VN057656.D

Acq: 1 Sep 2019 20:16

Instrument :

MSVOA_N

ClientSampleId :

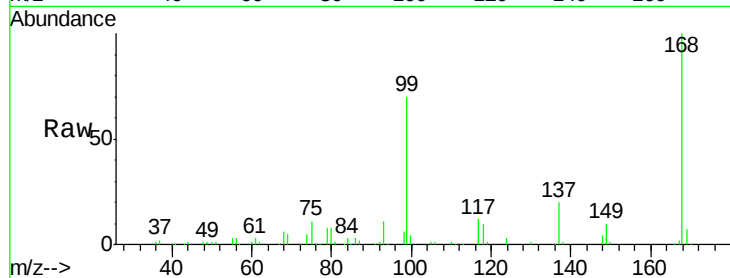
T1-S-E(0)

Tot Ion:168 Resp: 175242

Ion Ratio Lower Upper

168 100

99 70.3 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

80000

60000

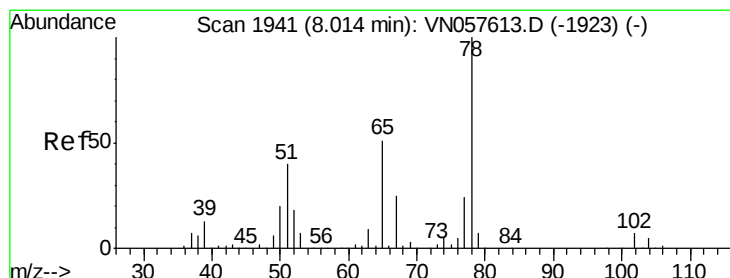
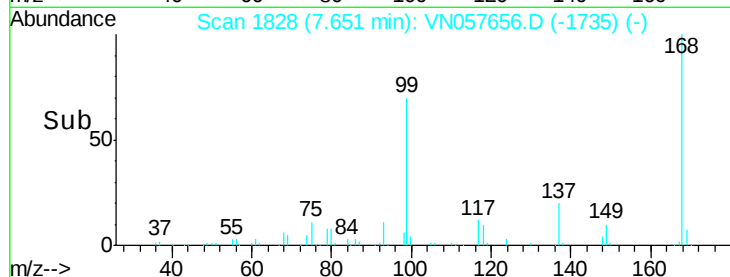
40000

20000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.875 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057656.D

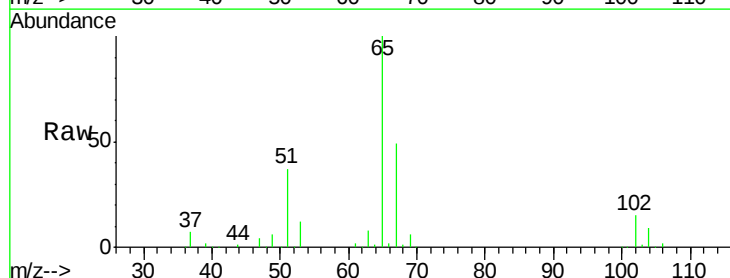
Acq: 1 Sep 2019 20:16

Tgt Ion: 65 Resp: 217234

Ion Ratio Lower Upper

65 100

67 49.8 0.0 102.2



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

100000

80000

60000

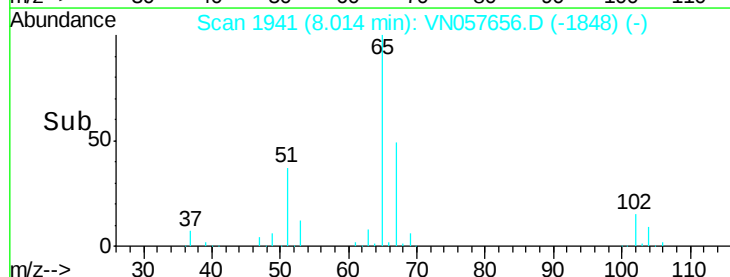
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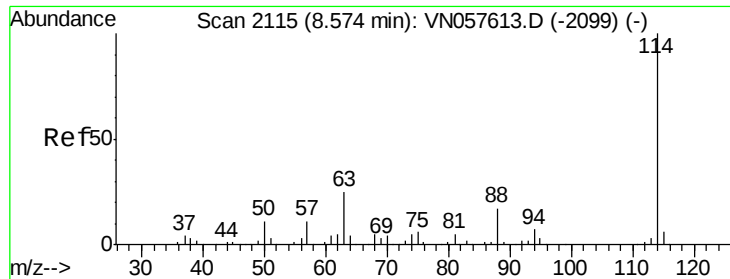
20000

0

7.90 8.00 8.10

Time-->

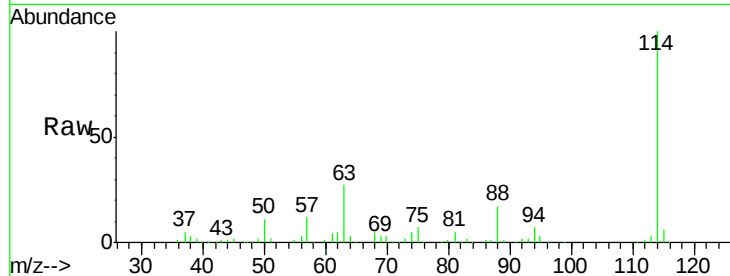




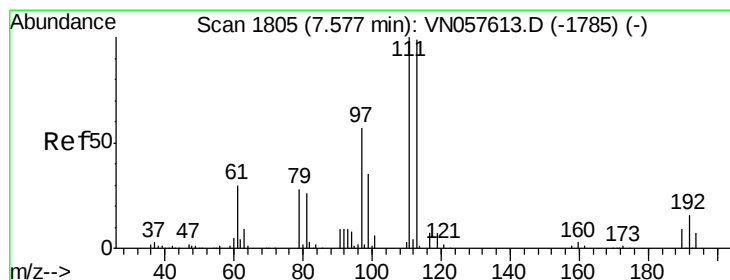
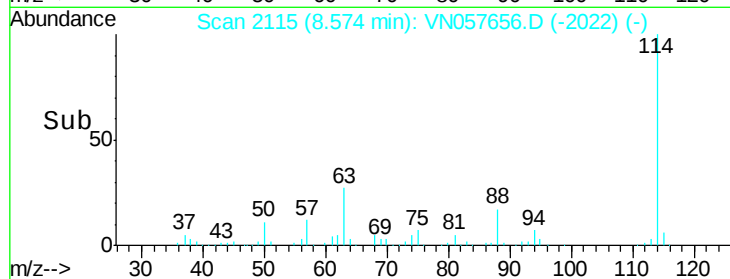
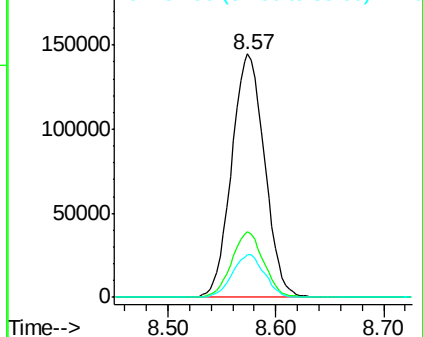
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057656.D
 Acq: 1 Sep 2019 20:16

Instrument :
 MSVOA_N
 ClientSampleId :
 T1-S-E(0)

Tot Ion:114 Resp: 306880
 Ion Ratio Lower Upper
 114 100
 63 27.0 0.0 49.0
 88 17.4 0.0 33.0

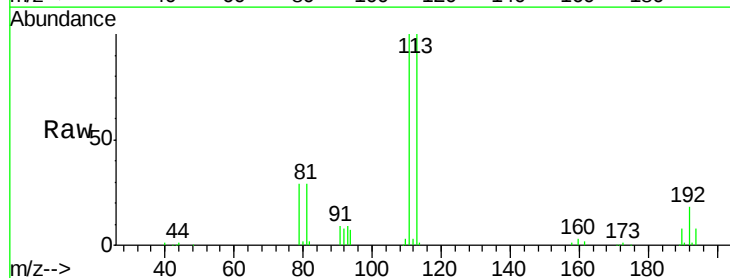


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

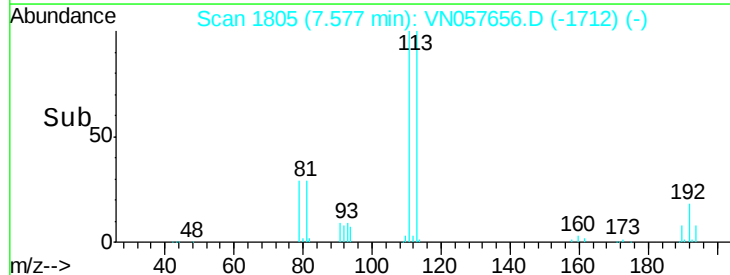
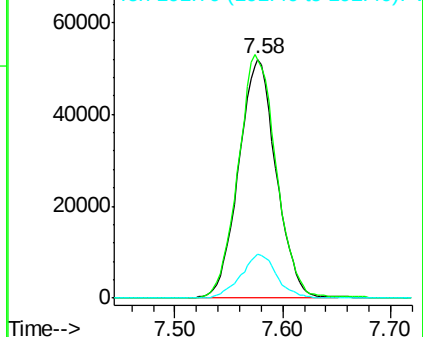


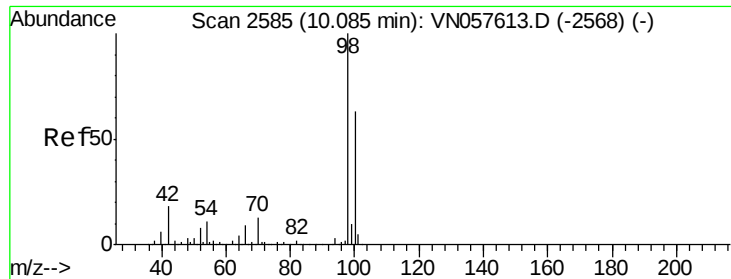
#35
 Dibromofluoromethane
 Concen: 46.792 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057656.D
 Acq: 1 Sep 2019 20:16

Tgt Ion:113 Resp: 125399
 Ion Ratio Lower Upper
 113 100
 111 103.7 81.3 121.9
 192 17.6 13.5 20.3



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: 48.247 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN057656.D

Acq: 1 Sep 2019 20:16

Instrument :

MSVOA_N

ClientSampleId :

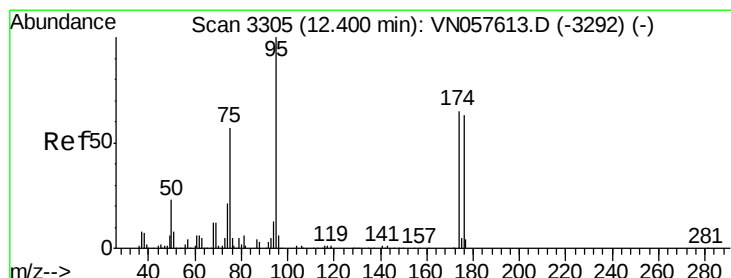
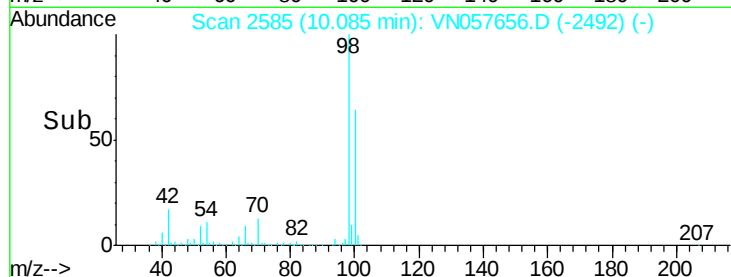
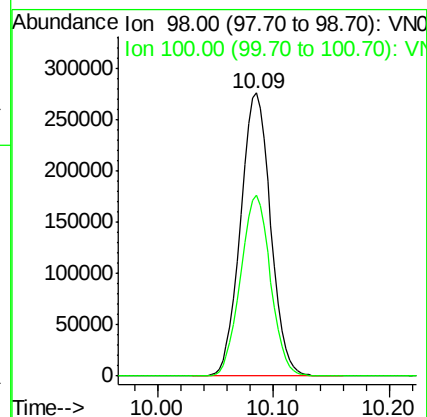
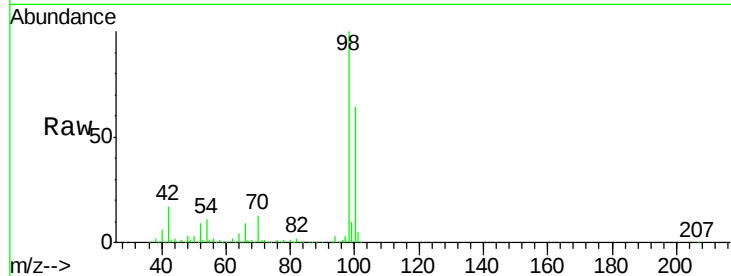
T1-S-E(0)

Tot Ion: 98 Resp: 496405

Ion Ratio Lower Upper

98 100

100 63.7 49.8 74.8



#62

4-Bromofluorobenzene

Concen: 40.402 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057656.D

Acq: 1 Sep 2019 20:16

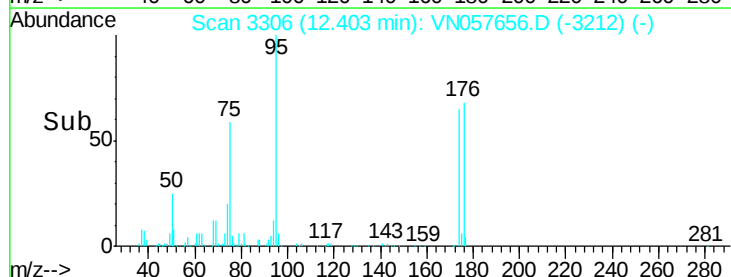
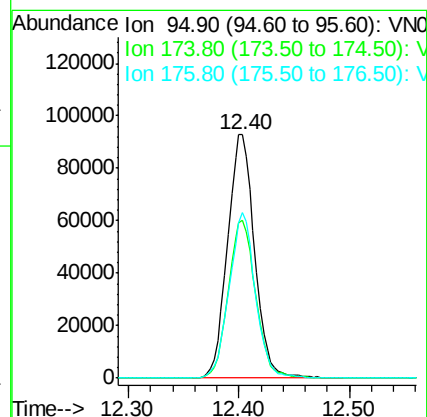
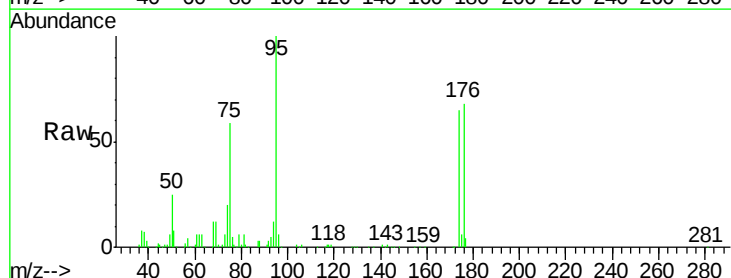
Tgt Ion: 95 Resp: 158071

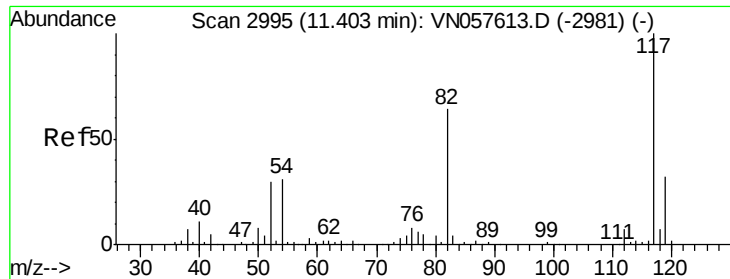
Ion Ratio Lower Upper

95 100

174 65.7 0.0 134.8

176 65.8 0.0 131.6

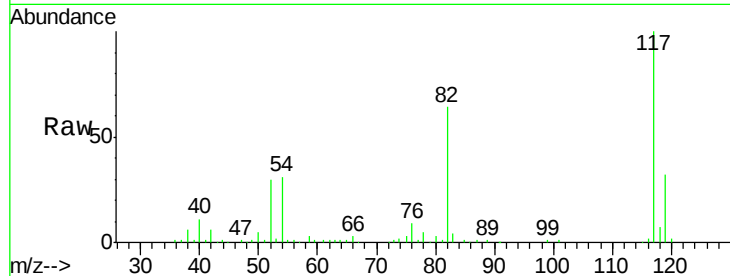




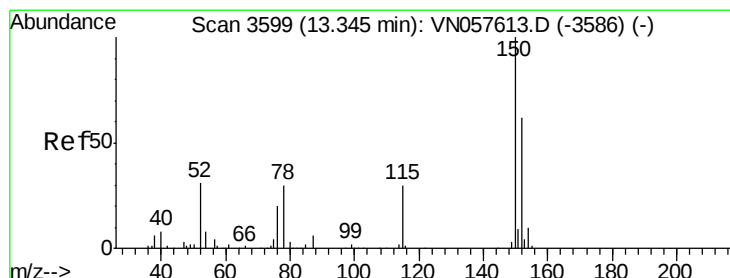
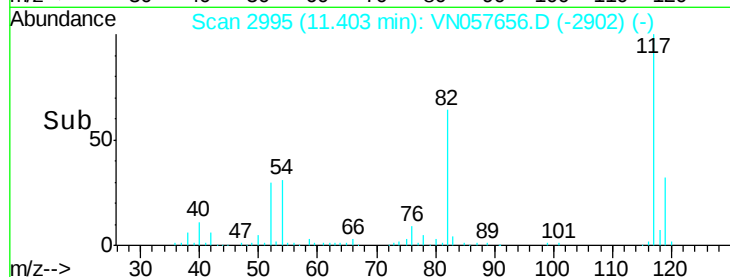
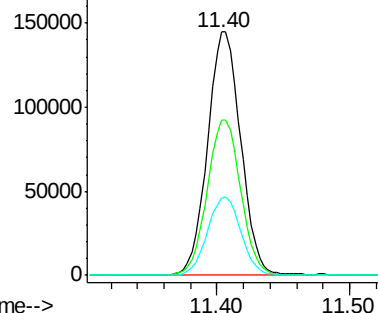
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. 0.00 min
Lab File: VN057656.D
Acq: 1 Sep 2019 20:16

Instrument :
MSVOA_N
ClientSampleId :
T1-S-E(0)

Tot Ion:117 Resp: 252554
Ion Ratio Lower Upper
117 100
82 63.7 51.6 77.4
119 31.8 25.8 38.6

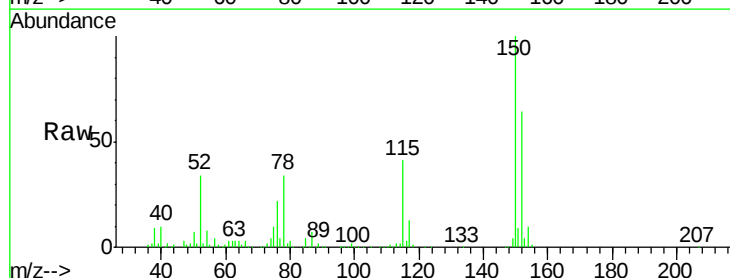


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057656.D
Acq: 1 Sep 2019 20:16

Tgt Ion:152 Resp: 108279
Ion Ratio Lower Upper
152 100
115 65.6 33.2 99.6
150 159.3 0.0 365.2



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

