

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061919\
 Data File : VN056379.D
 Acq On : 19 Jun 2019 12:12
 Operator : JC/SP
 Sample : VN0619WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619WBL01

Quant Time: Jun 21 03:59:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N061919W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 03:45:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	372373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	626567	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	624105	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	187969	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	209421	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	
35) Dibromofluoromethane	7.59	113	181976	46.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.12%	
50) Toluene-d8	10.09	98	776151	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	
62) 4-Bromofluorobenzene	12.40	95	252483	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	

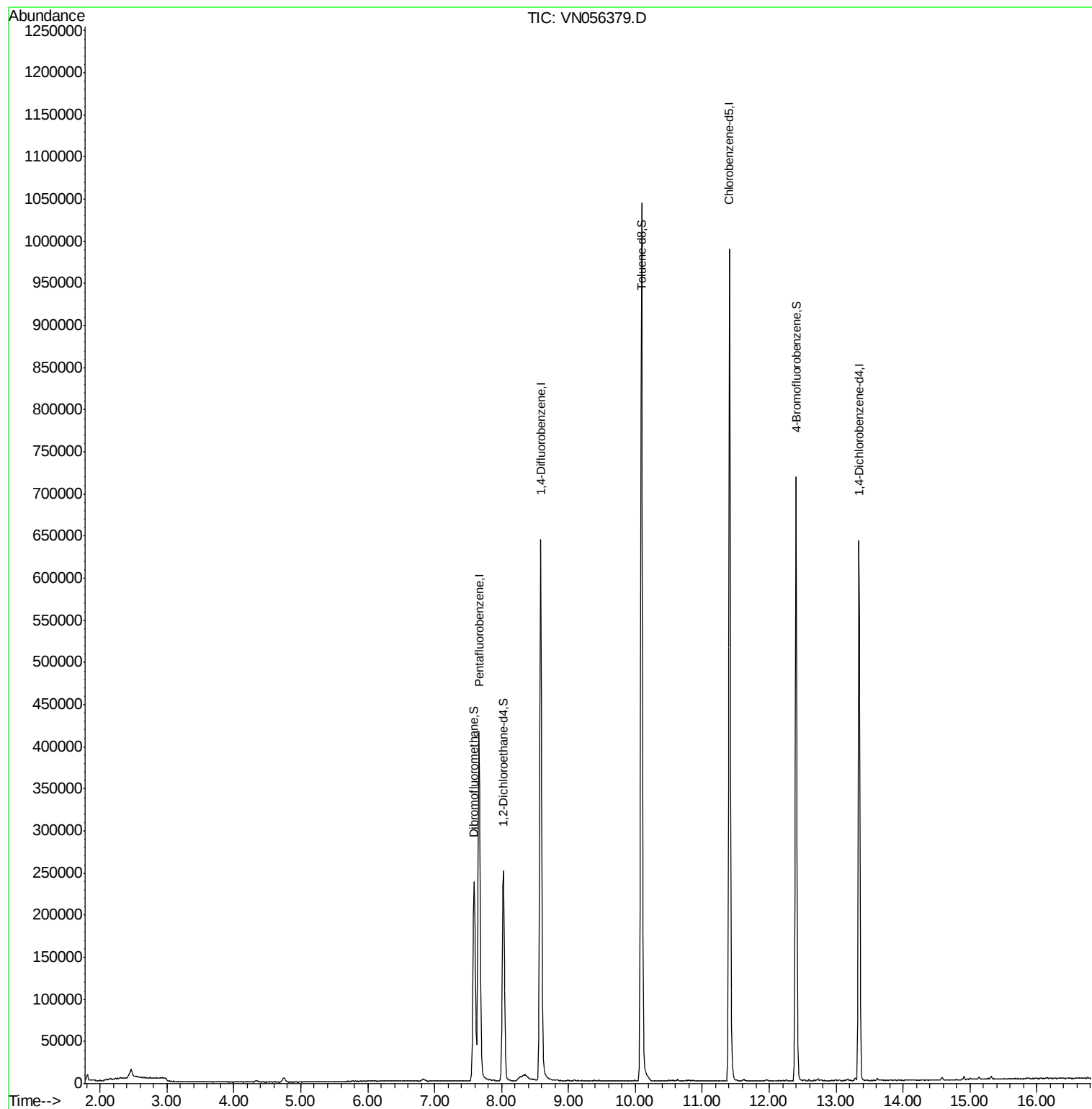
Target Compounds	Qvalue

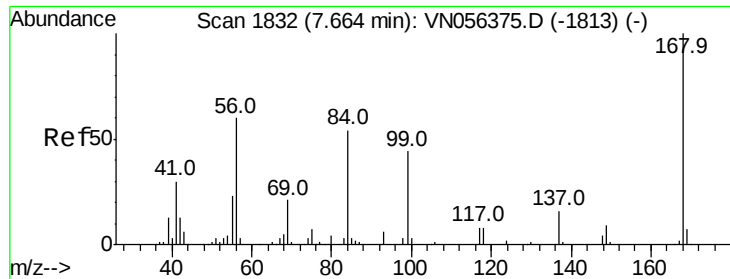
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. 0.00 min

Lab File: VN056379.D

Acq: 19 Jun 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

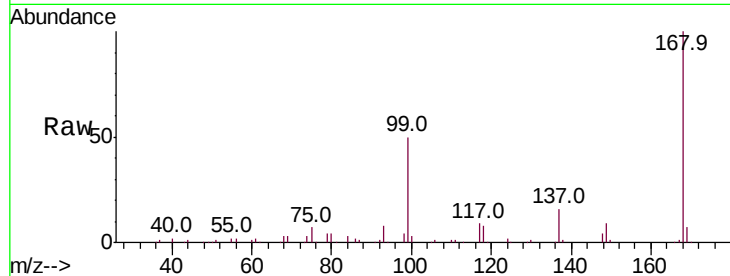
VN0619WBL01

Tot Ion:168 Resp: 372373

Ion Ratio Lower Upper

168 100

99 50.0 40.6 61.0



Abundance Ion 167.90 (167.60 to 168.60): VN056375.D (-1813) (-)

Ion 98.90 (98.60 to 99.60): VN056375.D (-1813) (-)

7.66

150000

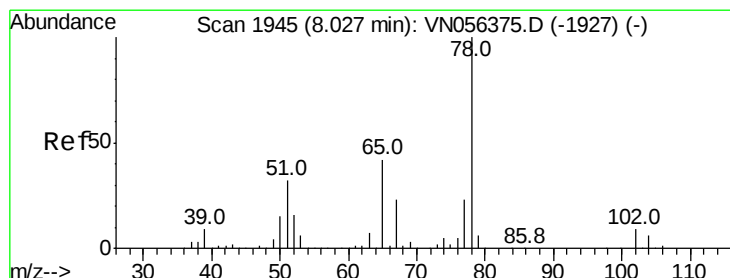
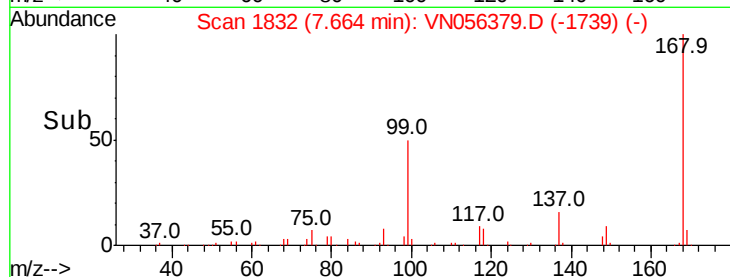
100000

50000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 50.744 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN056379.D

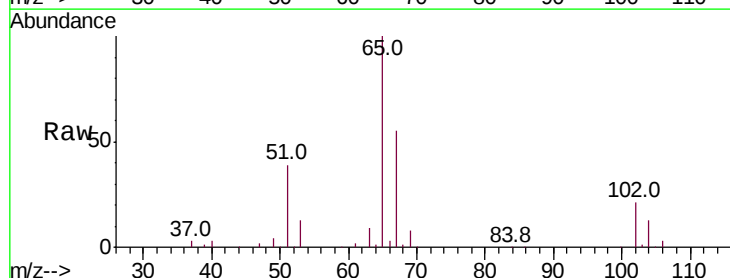
Acq: 19 Jun 2019 12:12

Tgt Ion: 65 Resp: 209421

Ion Ratio Lower Upper

65 100

67 54.7 0.0 109.0



Abundance Ion 64.90 (64.60 to 65.60): VN056375.D (-1927) (-)

Ion 66.90 (66.60 to 67.60): VN056375.D (-1927) (-)

8.03

100000

80000

60000

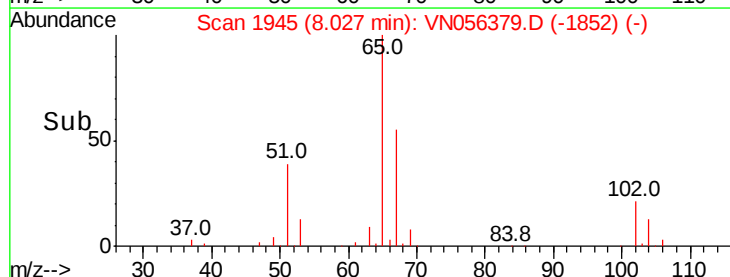
40000

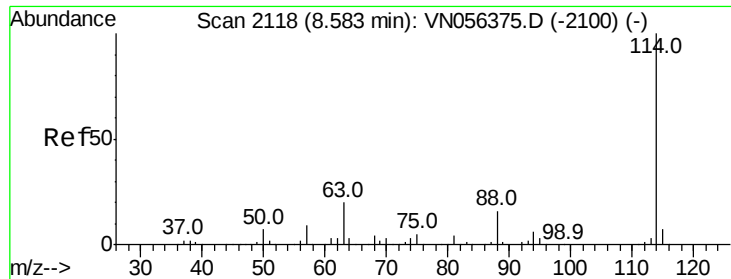
20000

0

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: VN056379.D

Acq: 19 Jun 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VN0619WBL01

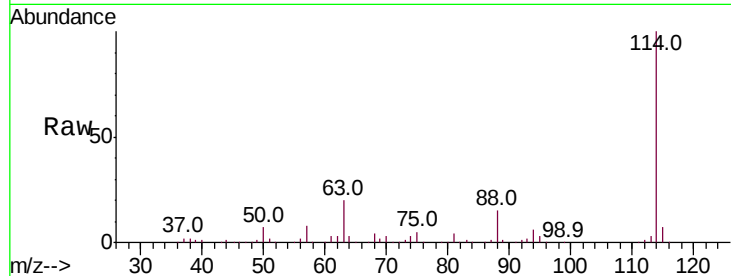
Tot Ion:114 Resp: 626567

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

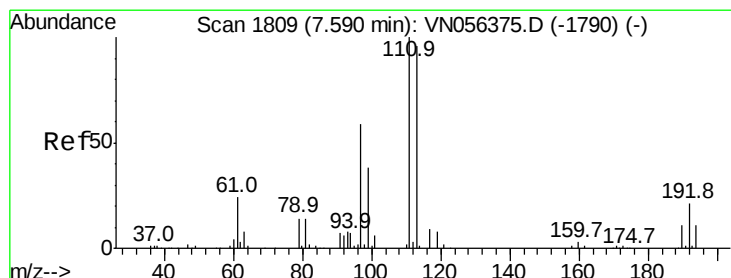
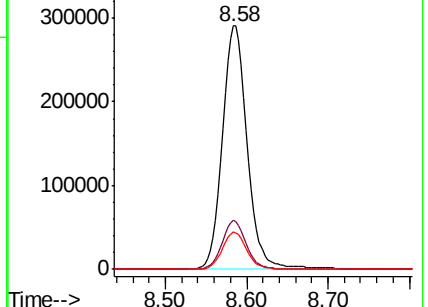
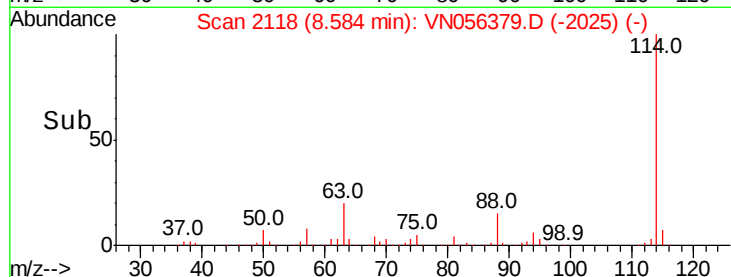
88 15.2 0.0 31.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 46.556 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN056379.D

Acq: 19 Jun 2019 12:12

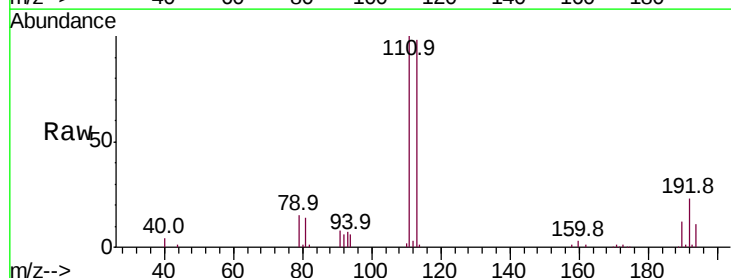
Tgt Ion:113 Resp: 181976

Ion Ratio Lower Upper

113 100

111 102.9 82.9 124.3

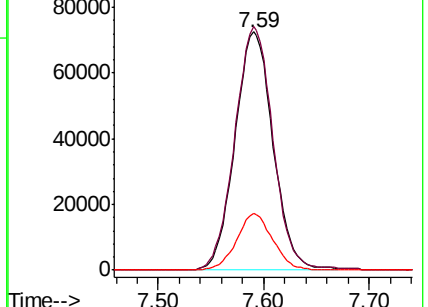
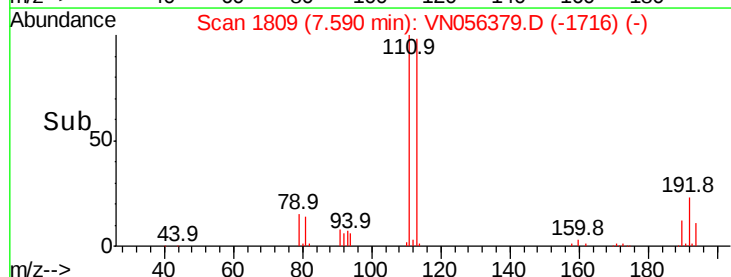
192 22.6 17.7 26.5

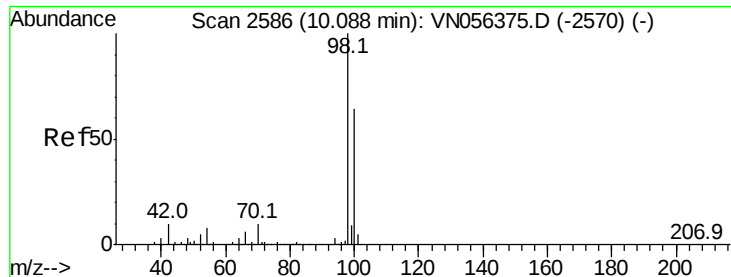


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.032 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN056379.D

Acq: 19 Jun 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

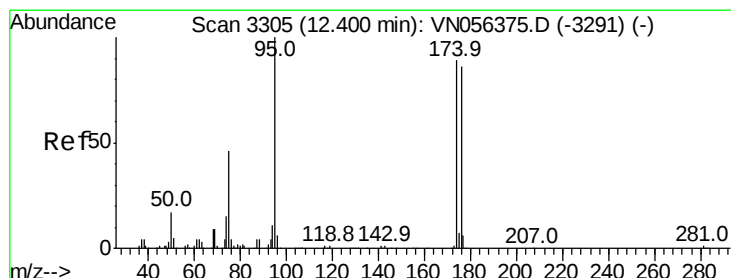
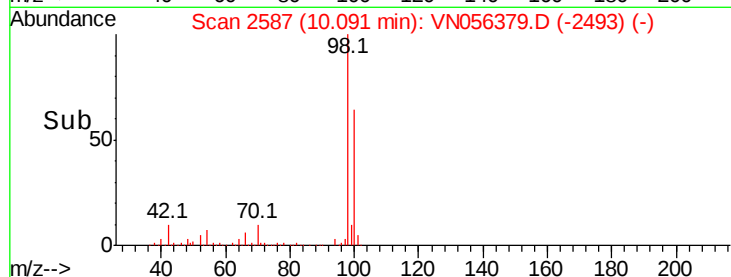
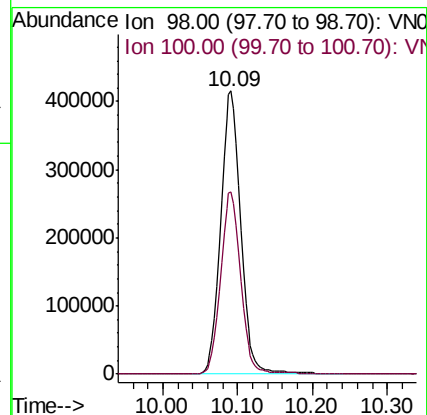
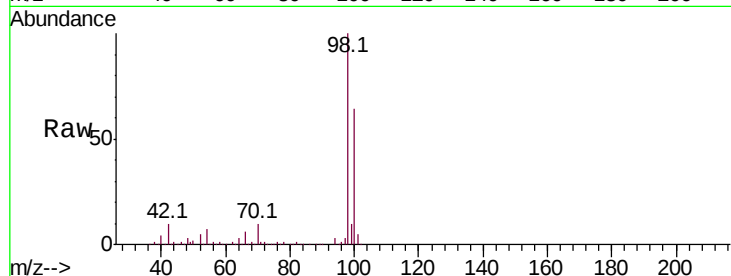
VN0619WBL01

Tot Ion: 98 Resp: 776151

Ion Ratio Lower Upper

98 100

100 64.3 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 49.798 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. 0.00 min

Lab File: VN056379.D

Acq: 19 Jun 2019 12:12

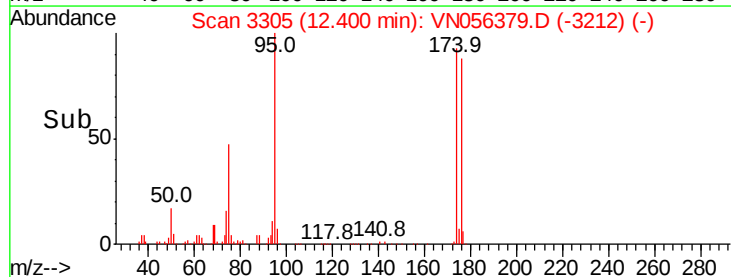
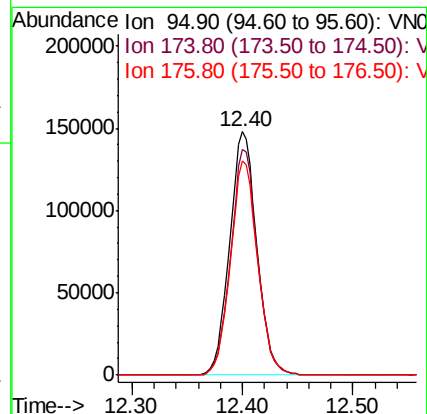
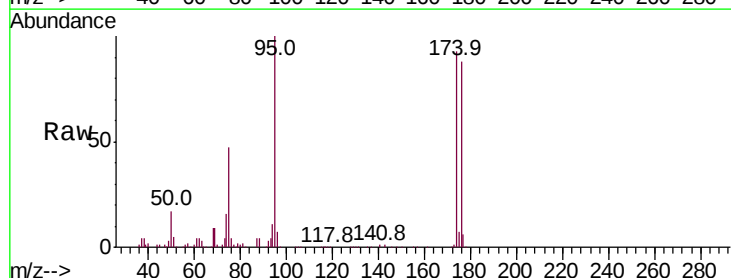
Tgt Ion: 95 Resp: 252483

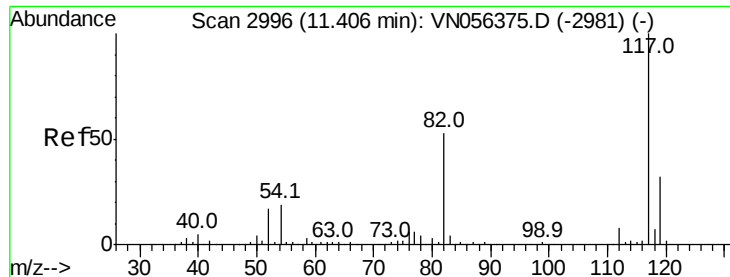
Ion Ratio Lower Upper

95 100

174 91.6 0.0 179.4

176 87.8 0.0 173.4

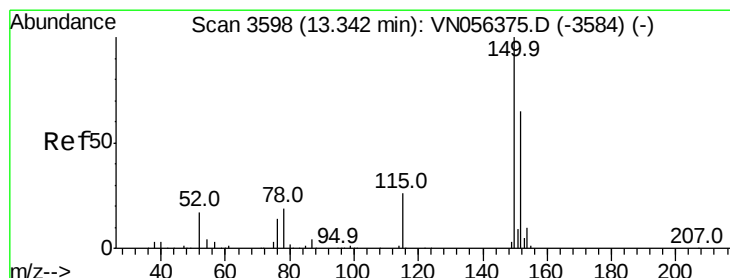
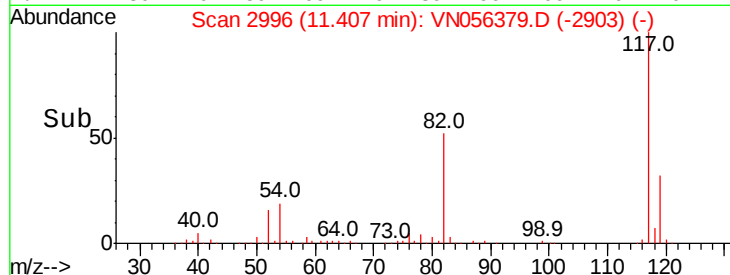
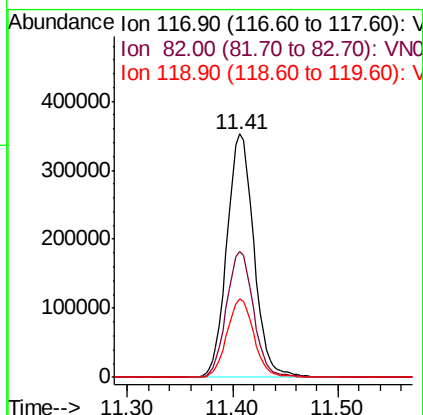
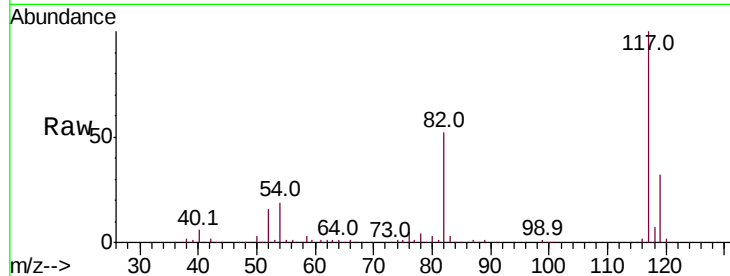




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN056379.D
Acq: 19 Jun 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VN0619WBL01

Tot Ion:117 Resp: 624105
Ion Ratio Lower Upper
117 100
82 51.7 42.0 63.0
119 32.1 25.3 37.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN056379.D
Acq: 19 Jun 2019 12:12

Tgt Ion:152 Resp: 187969
Ion Ratio Lower Upper
152 100
115 55.9 28.1 84.4
150 157.8 0.0 348.4

