

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN101019\
 Data File : VN058645.D
 Acq On : 9 Oct 2019 17:20
 Operator : JC/SP
 Sample : K5261-07
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S49-TB-2019-9

Quant Time: Oct 10 04:56:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	439257	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	684144	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	611074	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	243719	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	309483	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	7.57	113	225812	53.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.70%	
50) Toluene-d8	10.09	98	874018	53.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.42%	
62) 4-Bromofluorobenzene	12.40	95	284729	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	

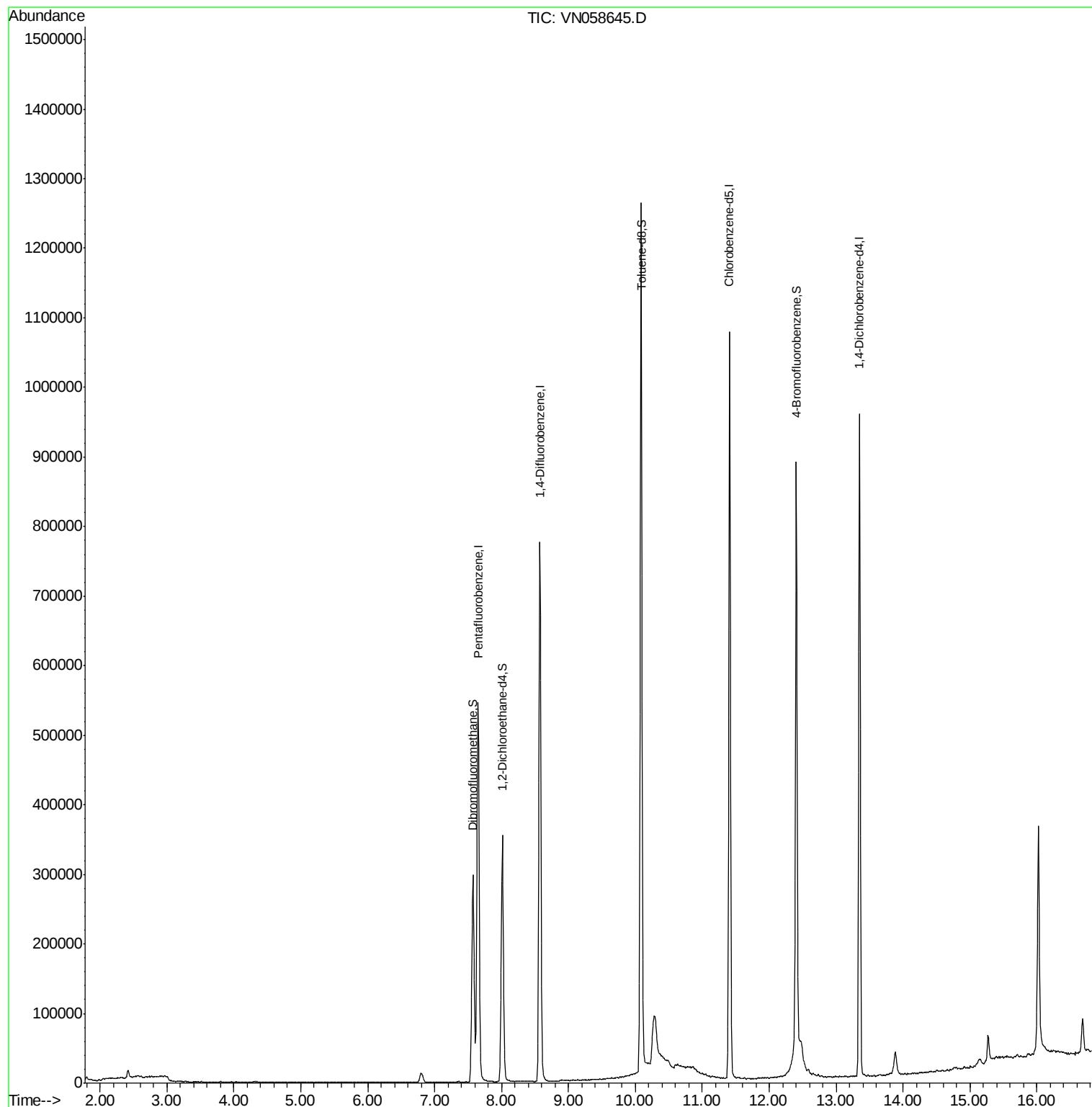
Target Compounds	Qvalue

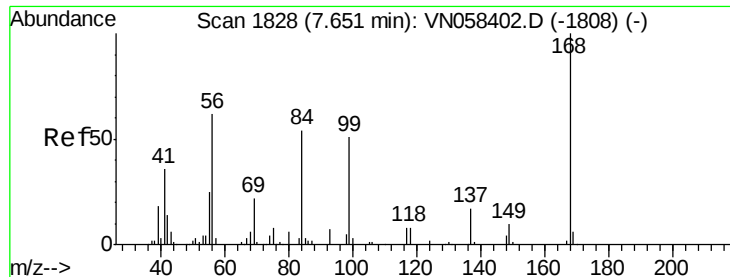
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

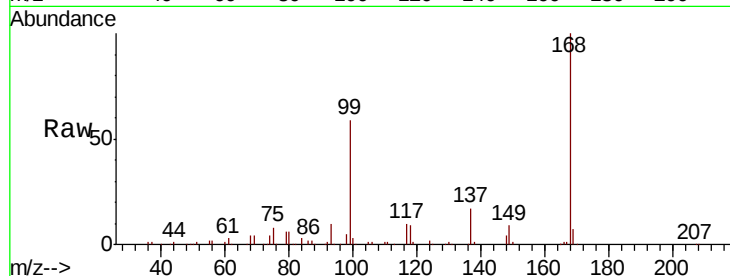
S49-TB-2019-9

Tot Ion:168 Resp: 439257

Ion Ratio Lower Upper

168 100

99 58.6 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): VN058402.D (-1808) (-)

Ion 98.90 (98.60 to 99.60): VN058402.D (-1808) (-)

7.65

200000

150000

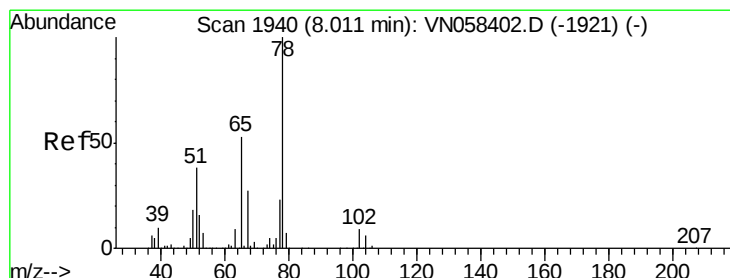
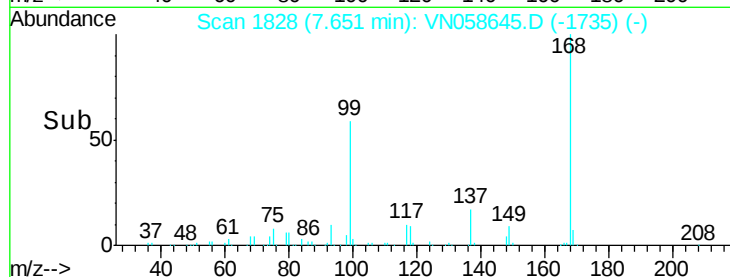
100000

50000

0

7.60 7.70

Time-->



#33

1,2-Dichloroethane-d4

Concen: 48.213 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058645.D

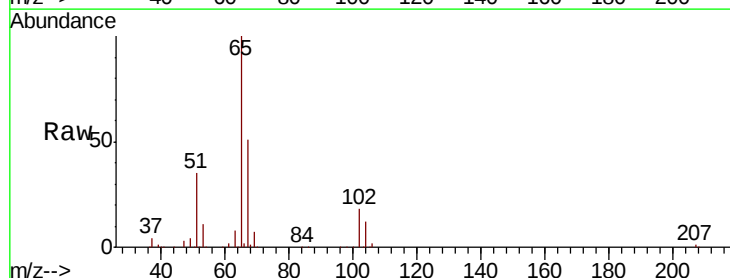
Acq: 9 Oct 2019 17:20

Tgt Ion: 65 Resp: 309483

Ion Ratio Lower Upper

65 100

67 51.4 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN058402.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN058402.D (-1921) (-)

8.01

150000

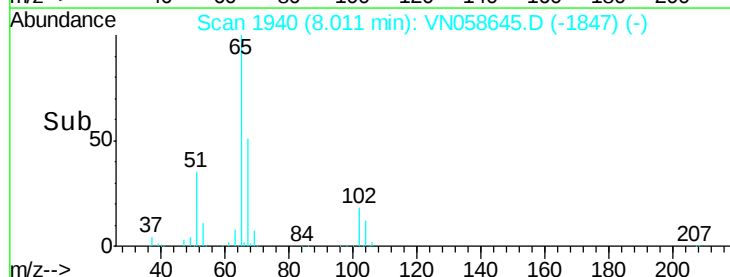
100000

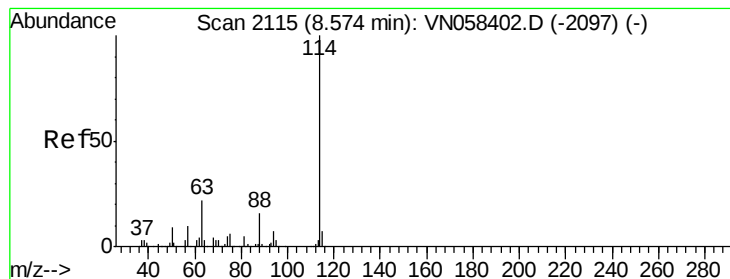
50000

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: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

S49-TB-2019-9

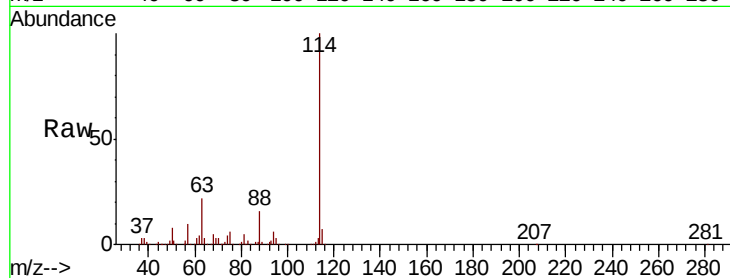
Tot Ion:114 Resp: 684144

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

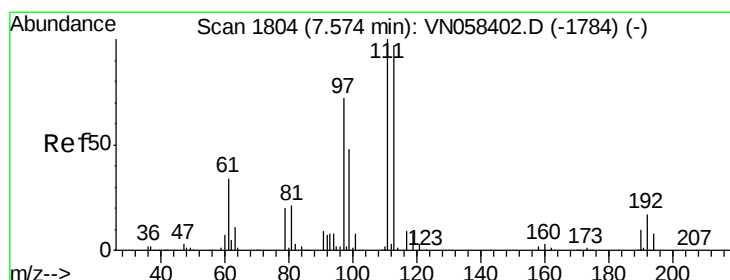
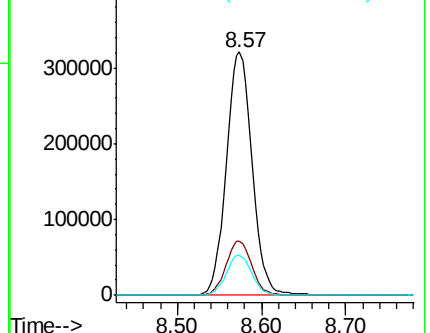
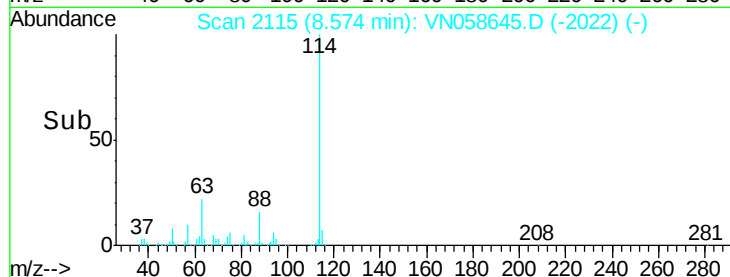
88 16.5 0.0 32.2



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: 53.854 ug/l

RT: 7.57 min Scan# 1804

Delta R.T. 0.00 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

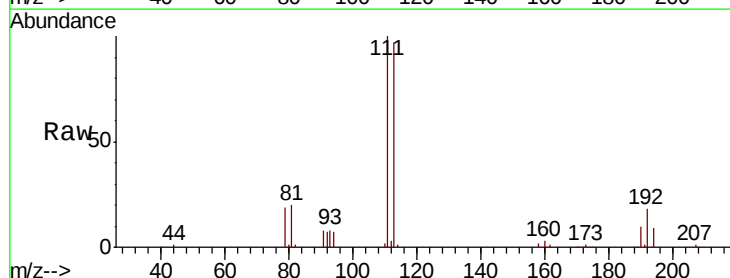
Tgt Ion:113 Resp: 225812

Ion Ratio Lower Upper

113 100

111 101.4 83.4 125.2

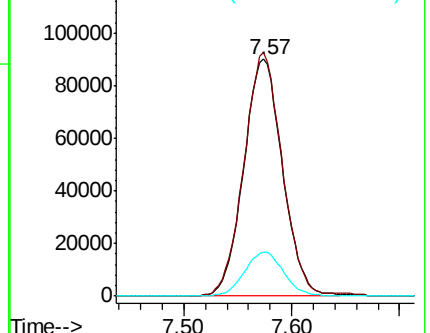
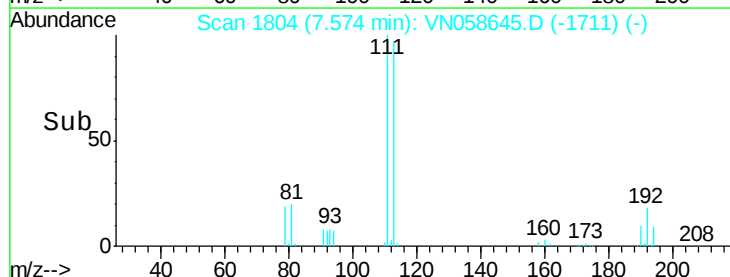
192 18.7 14.9 22.3

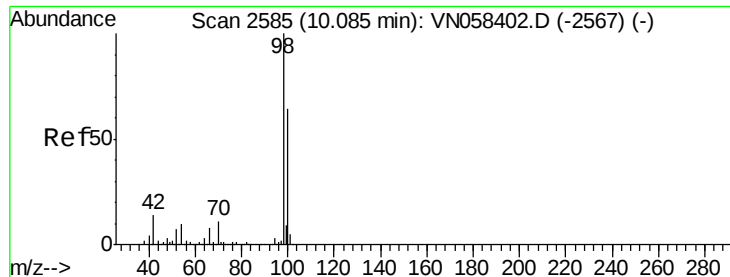


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 53.210 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

Instrument :

MSVOA_N

ClientSampleId :

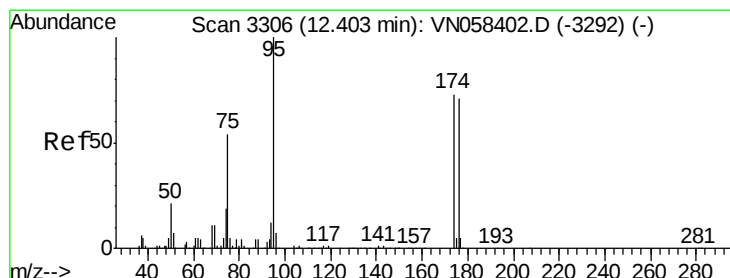
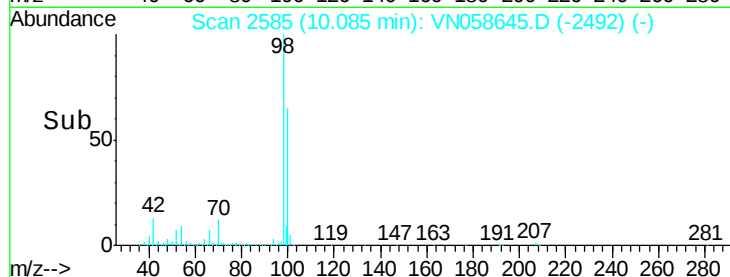
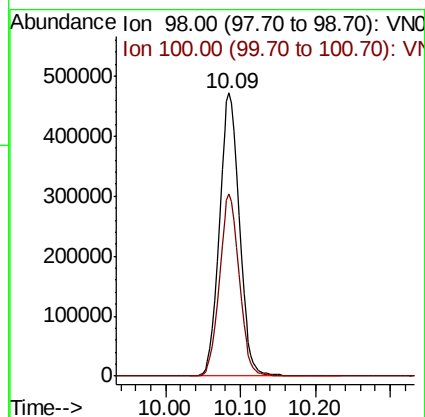
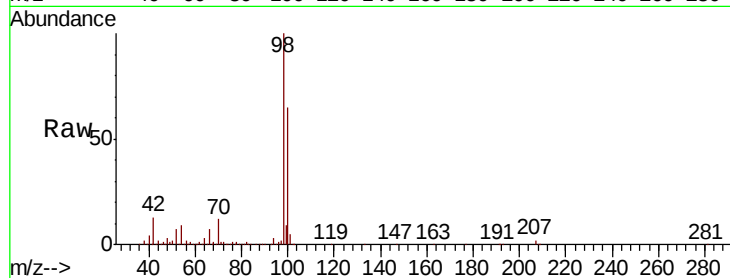
S49-TB-2019-9

Tot Ion: 98 Resp: 874018

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6



#62

4-Bromofluorobenzene

Concen: 47.940 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN058645.D

Acq: 9 Oct 2019 17:20

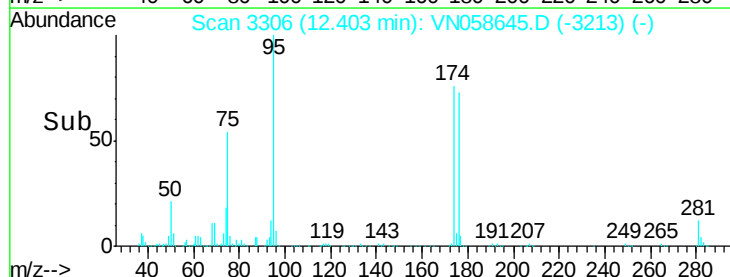
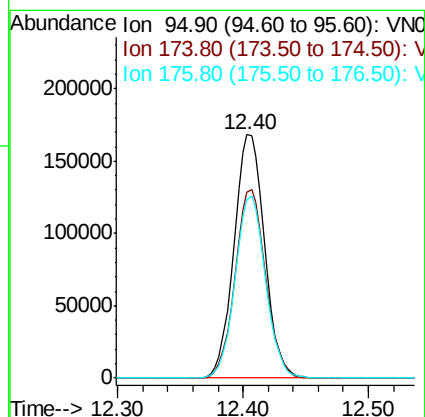
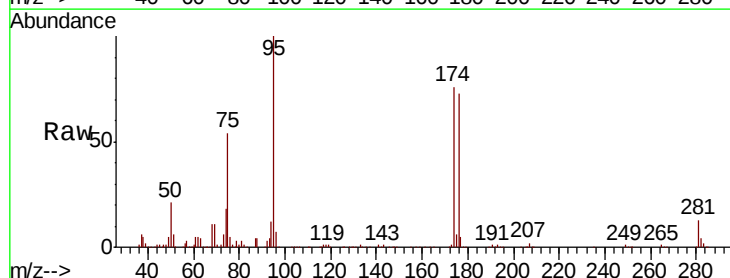
Tgt Ion: 95 Resp: 284729

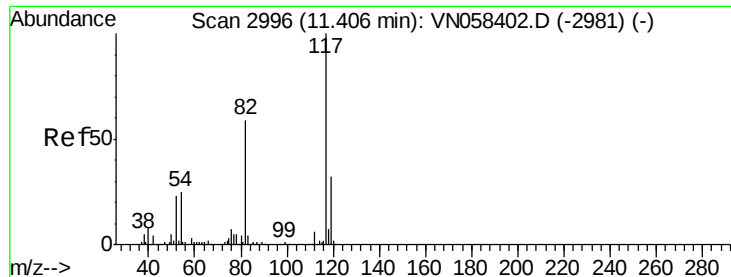
Ion Ratio Lower Upper

95 100

174 77.2 0.0 150.6

176 74.5 0.0 146.2

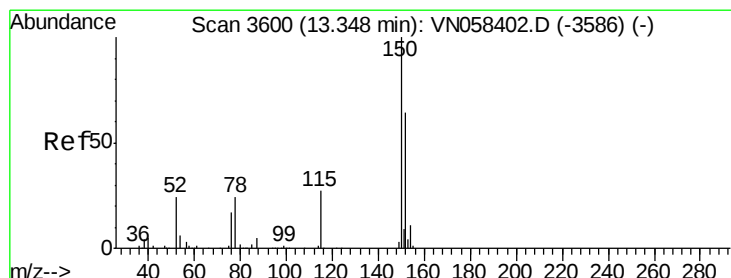
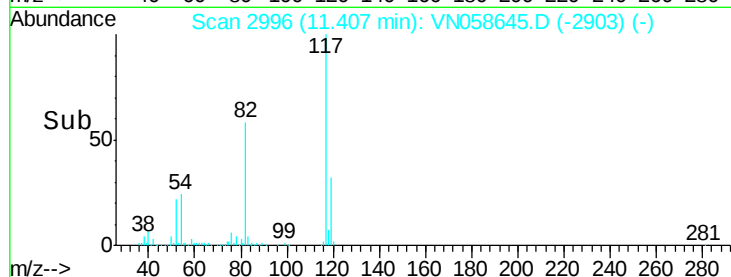
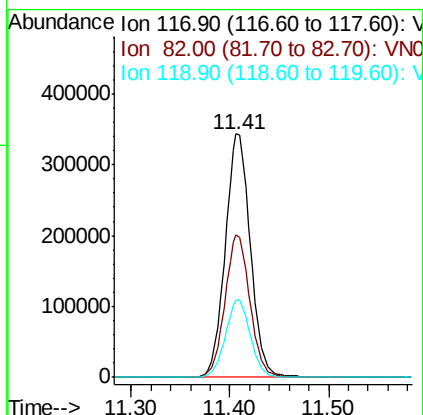
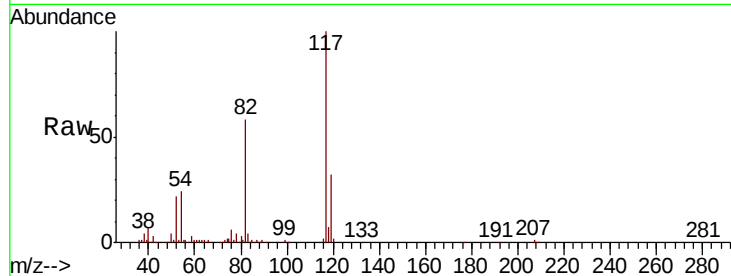




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

Instrument :
MSVOA_N
ClientSampleId :
S49-TB-2019-9

Tot Ion:117 Resp: 611074
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.0
119 31.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3600
Delta R.T. 0.00 min
Lab File: VN058645.D
Acq: 9 Oct 2019 17:20

Tgt Ion:152 Resp: 243719
Ion Ratio Lower Upper
152 100
115 60.4 30.0 90.0
150 159.3 0.0 348.2

