

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN081919\
 Data File : VN057386.D
 Acq On : 19 Aug 2019 9:23
 Operator : JC/SP
 Sample : VN0819WBL01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL01

Quant Time: Aug 20 07:30:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 15 11:33:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	1115236	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1542631	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1283704	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	308908	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	510111	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	
35) Dibromofluoromethane	7.58	113	482292	47.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.38%	
50) Toluene-d8	10.09	98	1764937	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.40	95	469995	35.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.92%	

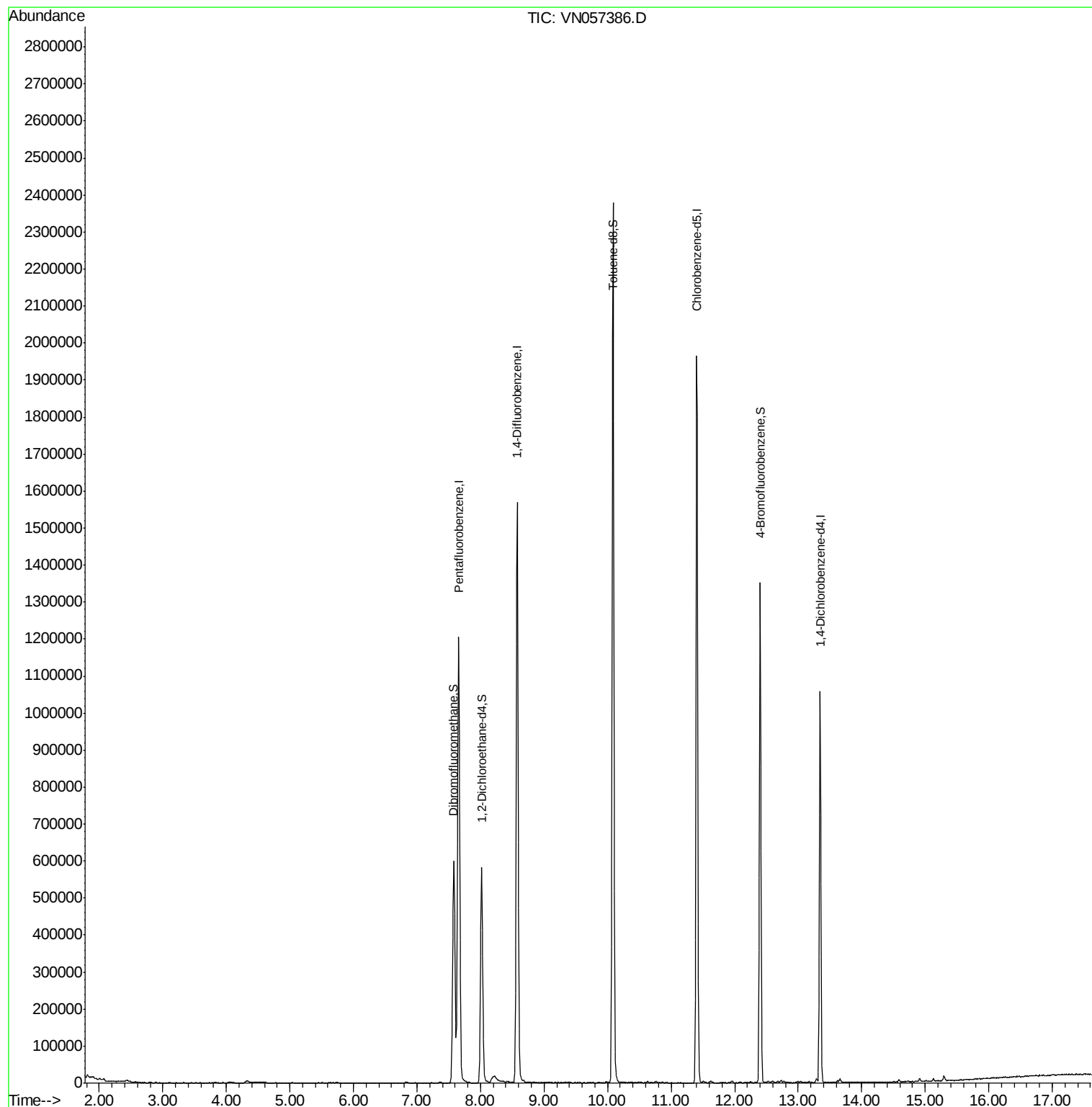
Target Compounds	Qvalue

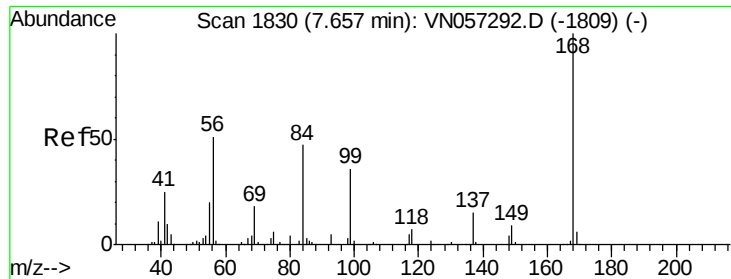
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN081919\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N081519W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 15 11:33:14 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1830

Delta R.T. 0.00 min

Lab File: VN057386.D

Acq: 19 Aug 2019 9:23

Instrument :

MSVOA_N

ClientSampled :

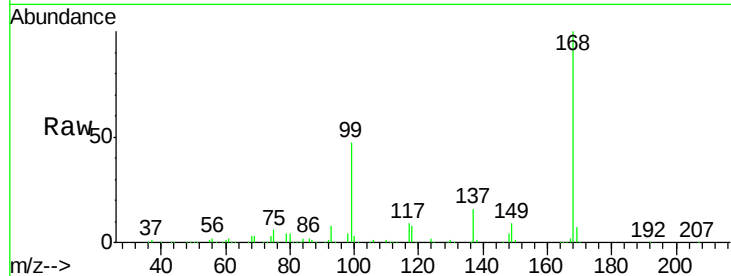
VN0819WBL01

Tot Ion:168 Resp: 1115236

Ion Ratio Lower Upper

168 100

99 46.8 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

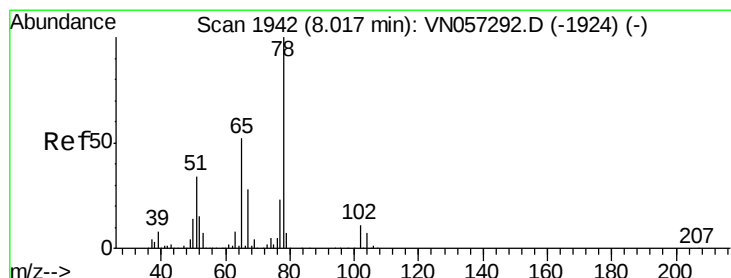
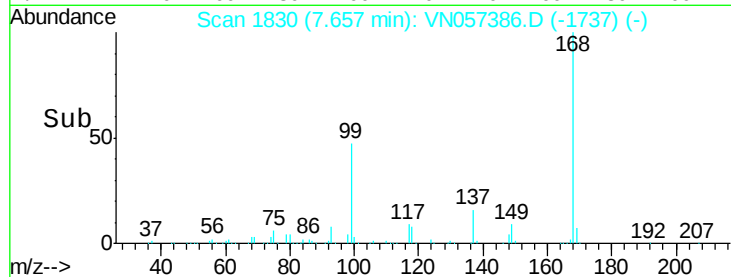
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 42.075 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.00 min

Lab File: VN057386.D

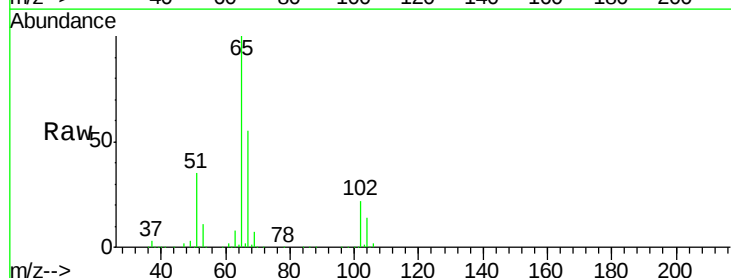
Acq: 19 Aug 2019 9:23

Tgt Ion: 65 Resp: 510111

Ion Ratio Lower Upper

65 100

67 55.2 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

250000

200000

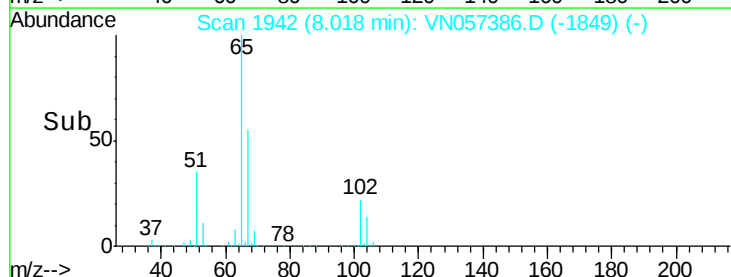
150000

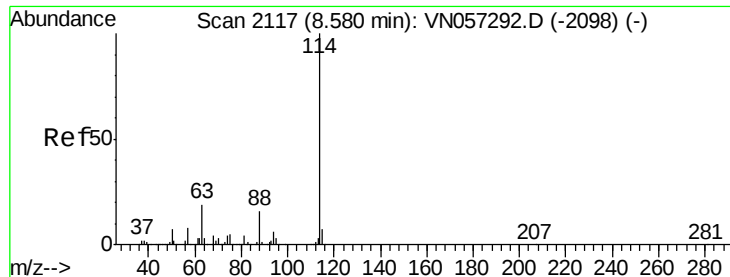
100000

50000

0

Time-->

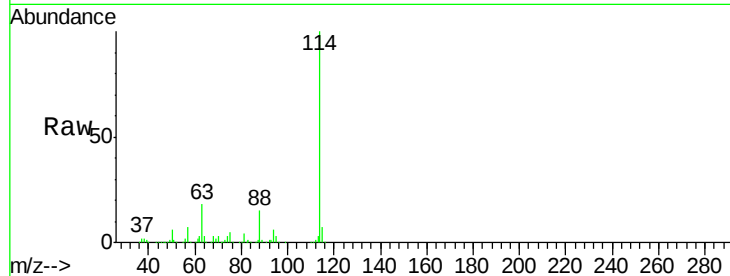




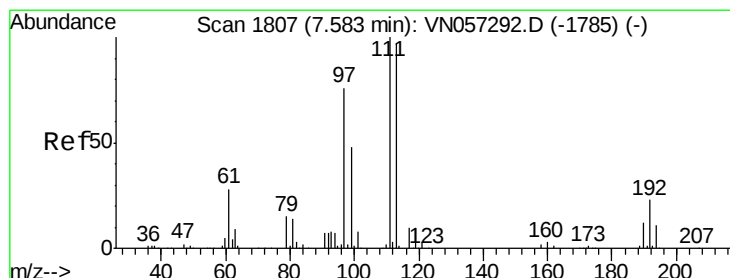
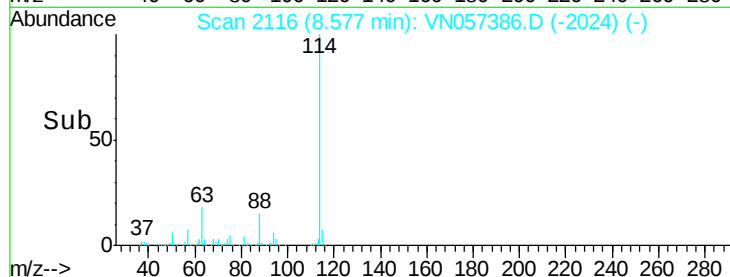
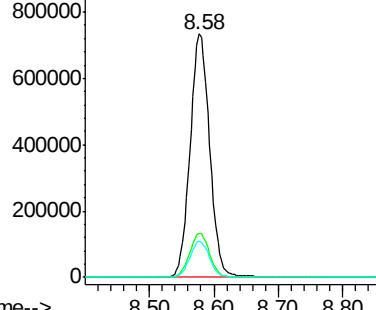
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057386.D
 Acq: 19 Aug 2019 9:23

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0819WBL01

Tot Ion:114 Resp: 1542631
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 38.8
 88 14.7 0.0 31.4

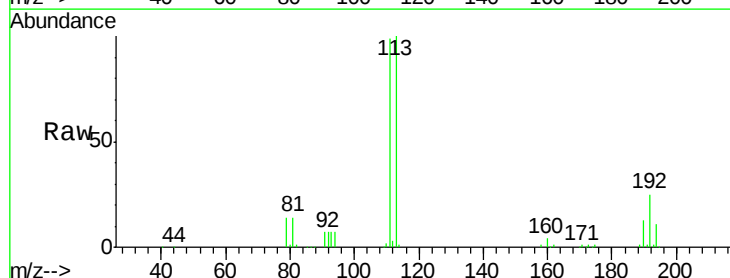


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

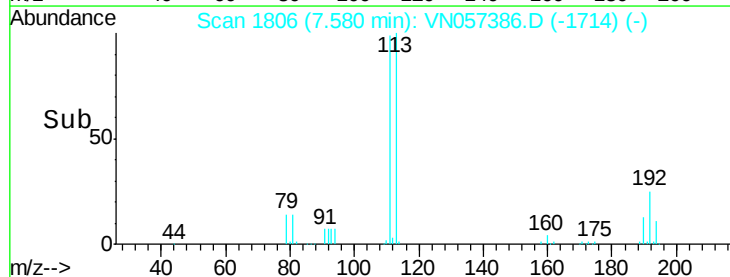
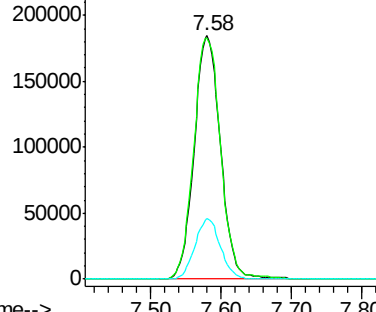


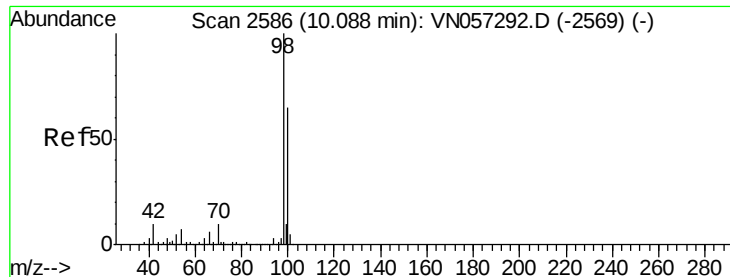
#35
 Dibromofluoromethane
 Concen: 47.694 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. -0.00 min
 Lab File: VN057386.D
 Acq: 19 Aug 2019 9:23

Tgt Ion:113 Resp: 482292
 Ion Ratio Lower Upper
 113 100
 111 101.3 82.1 123.1
 192 24.0 19.3 28.9



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: 47.719 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057386.D

Acq: 19 Aug 2019 9:23

Instrument :

MSVOA_N

ClientSampled :

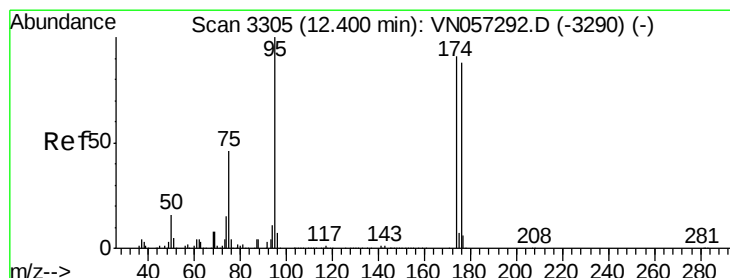
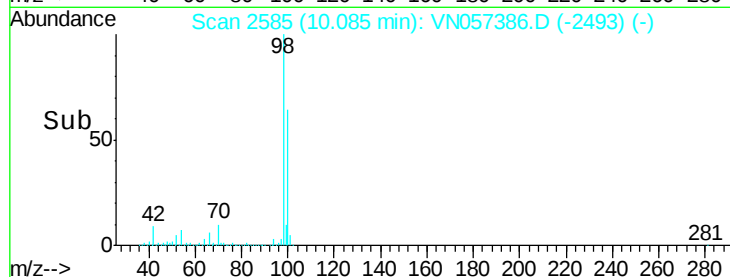
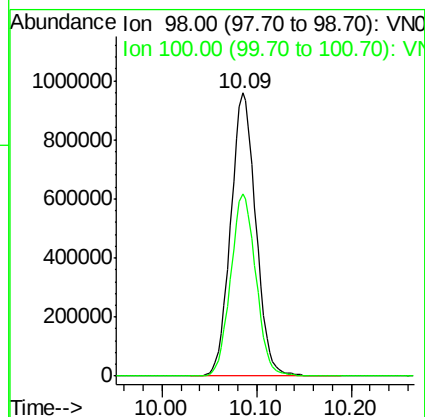
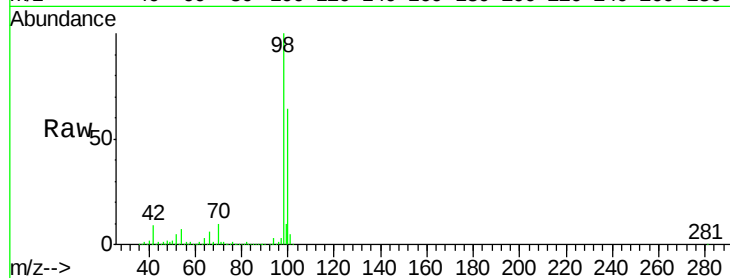
VN0819WBL01

Tot Ion: 98 Resp: 1764937

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 35.958 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057386.D

Acq: 19 Aug 2019 9:23

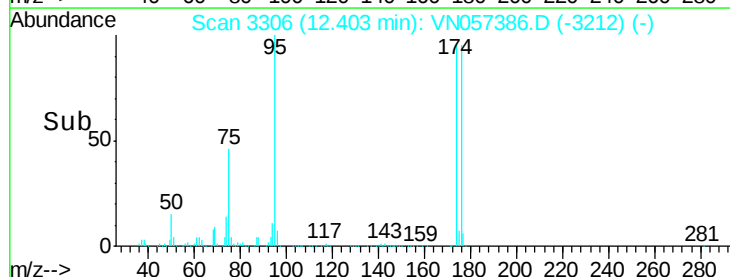
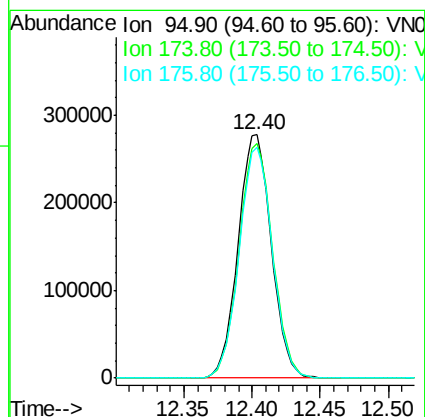
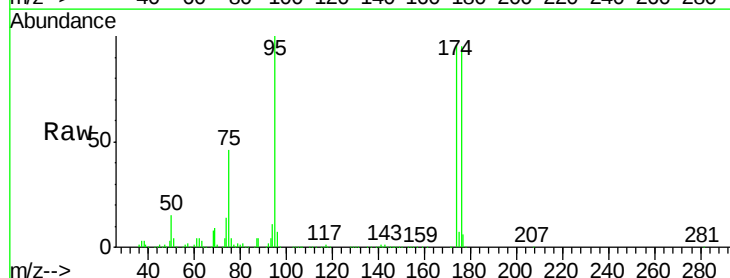
Tgt Ion: 95 Resp: 469995

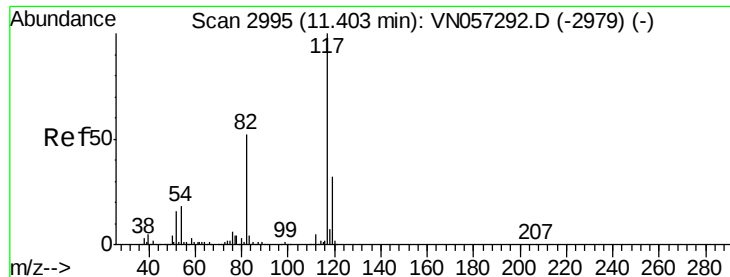
Ion Ratio Lower Upper

95 100

174 97.1 0.0 185.0

176 94.8 0.0 181.0

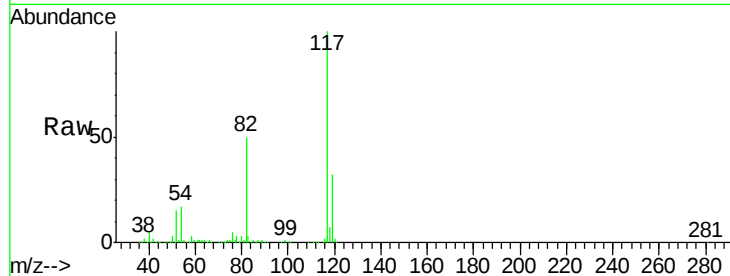




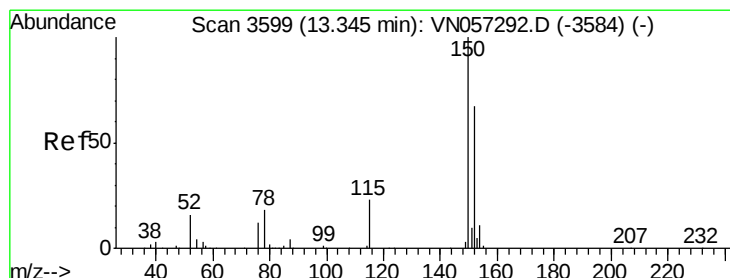
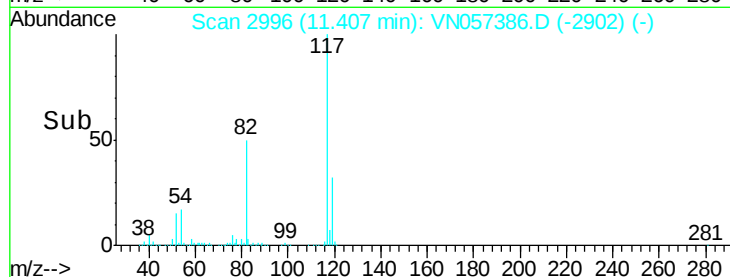
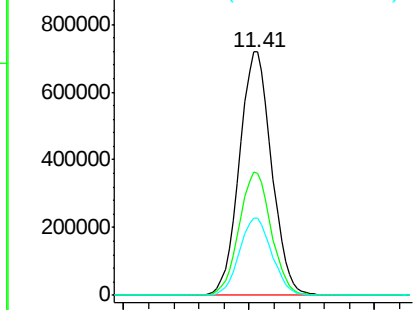
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN057386.D
Acq: 19 Aug 2019 9:23

Instrument :
MSVOA_N
ClientSampleId :
VN0819WBL01

Tot Ion:117 Resp: 1283704
Ion Ratio Lower Upper
117 100
82 50.3 41.2 61.8
119 31.7 25.8 38.8

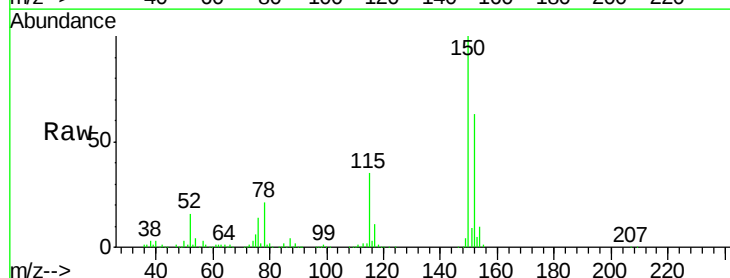


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN057386.D
Acq: 19 Aug 2019 9:23

Tgt Ion:152 Resp: 308908
Ion Ratio Lower Upper
152 100
115 55.3 27.3 81.9
150 157.5 0.0 344.4



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

