

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN081619\
 Data File : VN057327.D
 Acq On : 15 Aug 2019 13:26
 Operator : JC/SP
 Sample : K4245-02
 Misc : 6.92g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VOC-25

Quant Time: Aug 15 14:50:09 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	1040463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1452292	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1176478	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	411286	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	493509	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	7.58	113	434019	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
50) Toluene-d8	10.08	98	1664040	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.40	95	475957	38.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.36%	

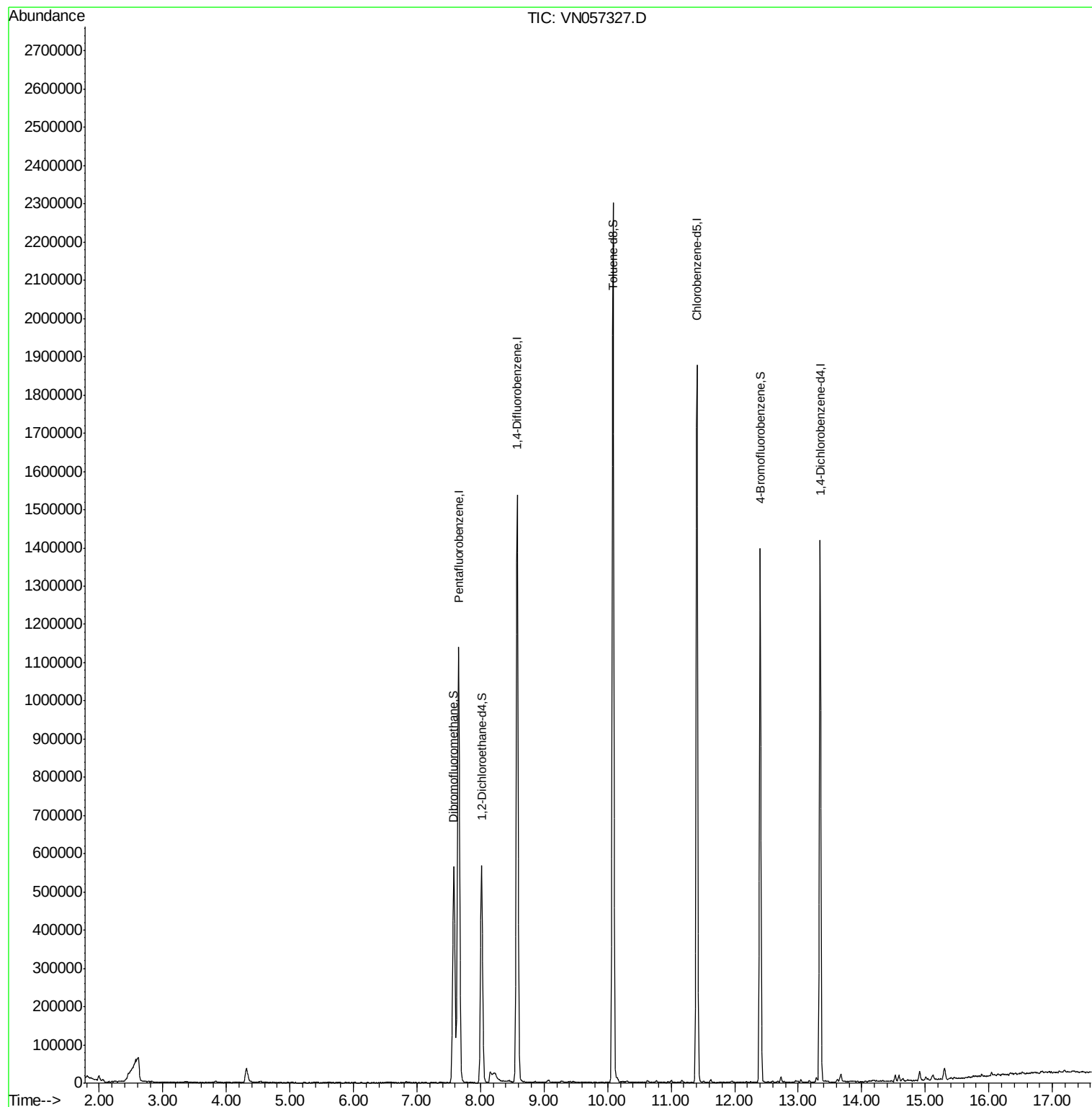
Target Compounds	Qvalue

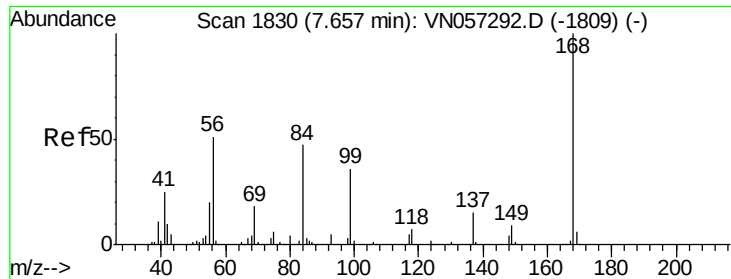
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VN057327.D

Acq: 15 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

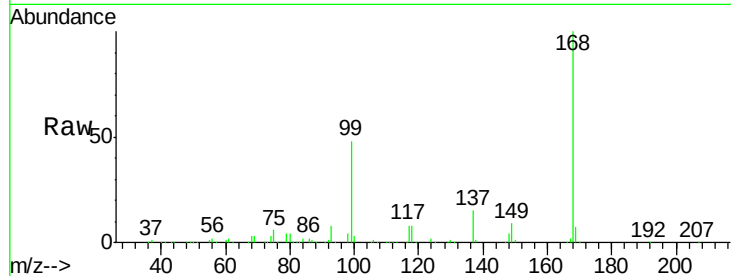
VOC-25

Tot Ion:168 Resp: 1040463

Ion Ratio Lower Upper

168 100

99 48.1 39.4 59.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.66

400000

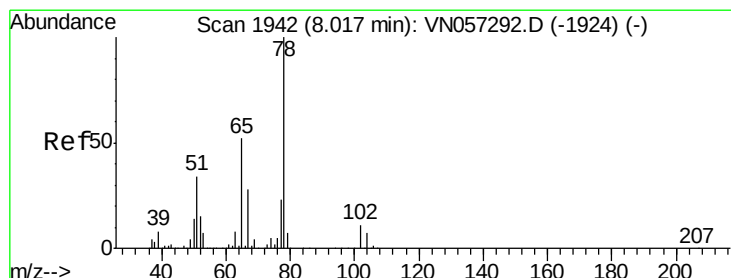
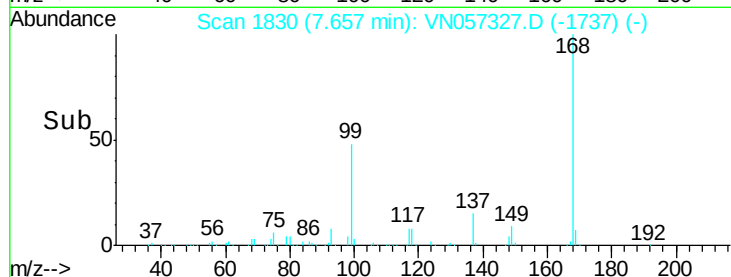
300000

200000

100000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 43.631 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN057327.D

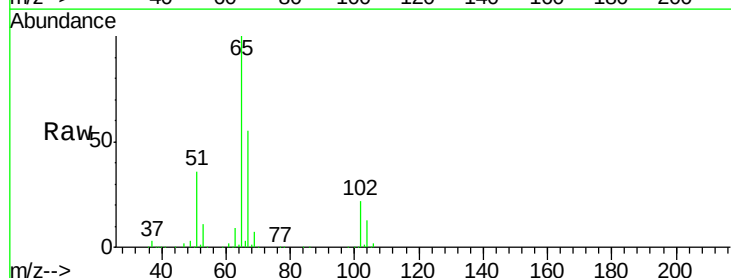
Acq: 15 Aug 2019 13:26

Tgt Ion: 65 Resp: 493509

Ion Ratio Lower Upper

65 100

67 53.6 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.02

250000

200000

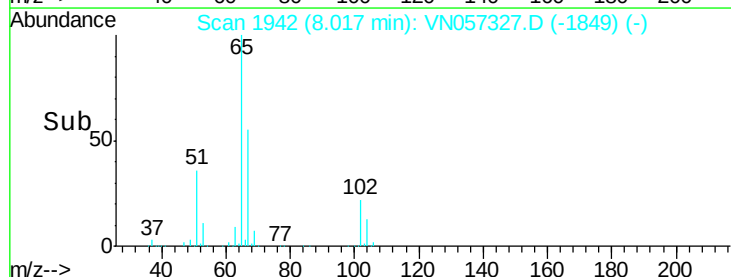
150000

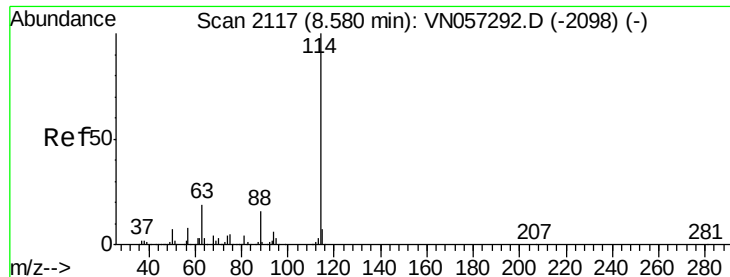
100000

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: VN057327.D

Acq: 15 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampleId :

VOC-25

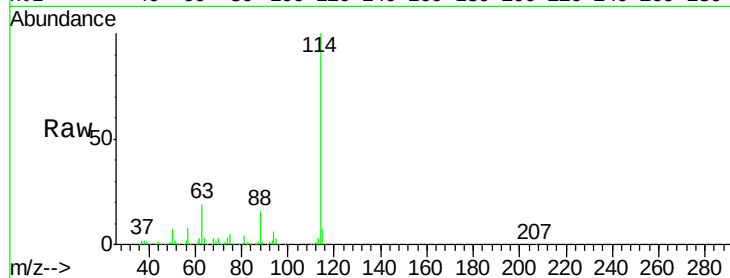
Tot Ion:114 Resp: 1452292

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.8

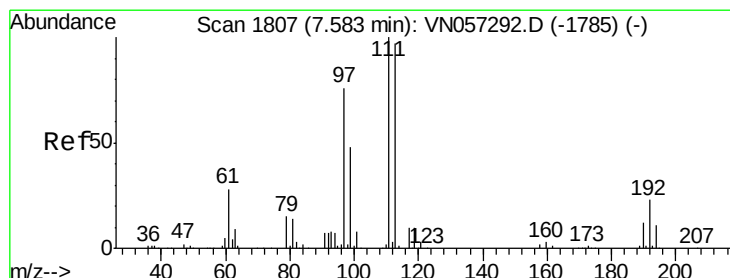
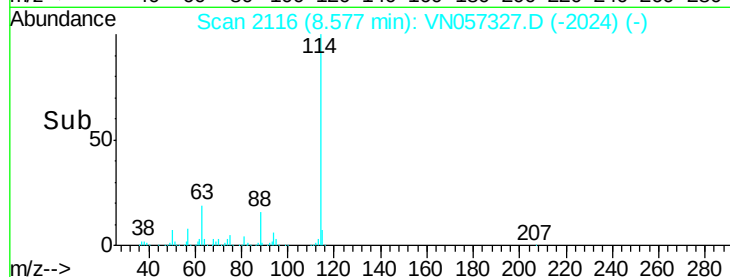
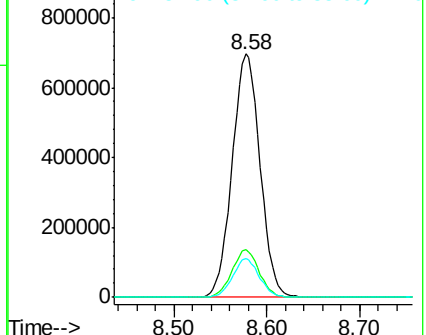
88 16.1 0.0 31.4



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: 45.590 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. -0.00 min

Lab File: VN057327.D

Acq: 15 Aug 2019 13:26

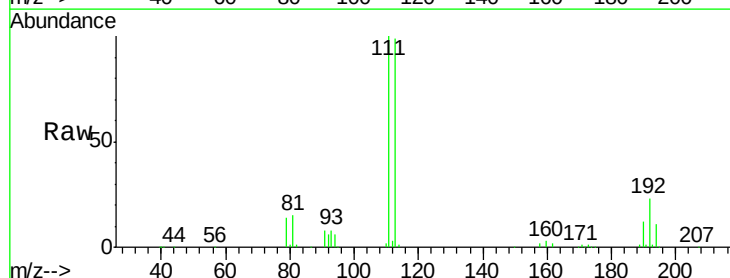
Tgt Ion:113 Resp: 434019

Ion Ratio Lower Upper

113 100

111 102.4 82.1 123.1

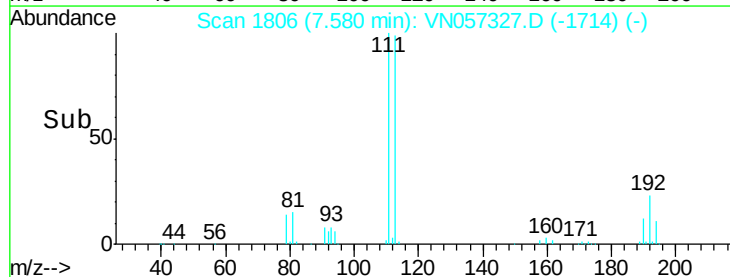
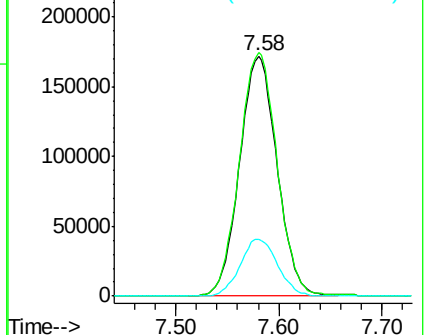
192 23.8 19.3 28.9

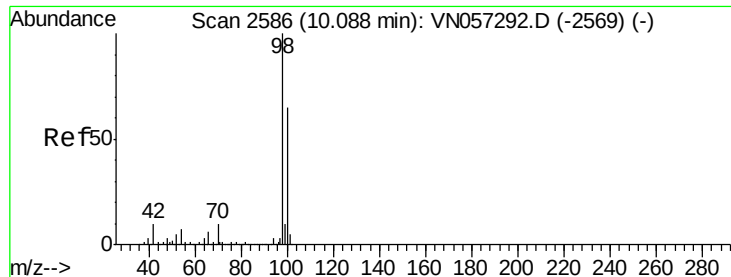


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 47.790 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN057327.D

Acq: 15 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

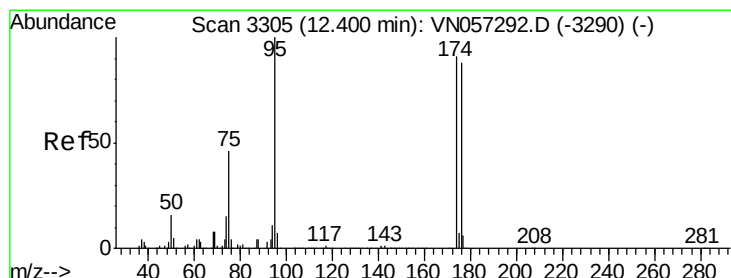
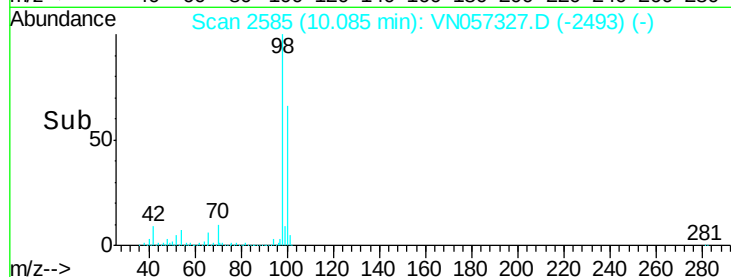
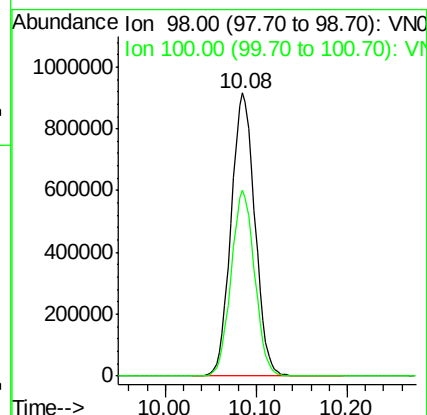
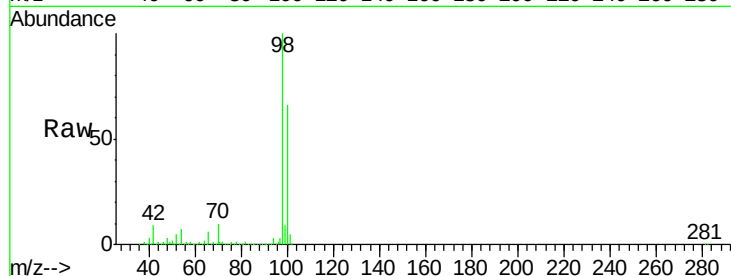
VOC-25

Tot Ion: 98 Resp: 1664040

Ion Ratio Lower Upper

98 100

100 64.8 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 38.680 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057327.D

Acq: 15 Aug 2019 13:26

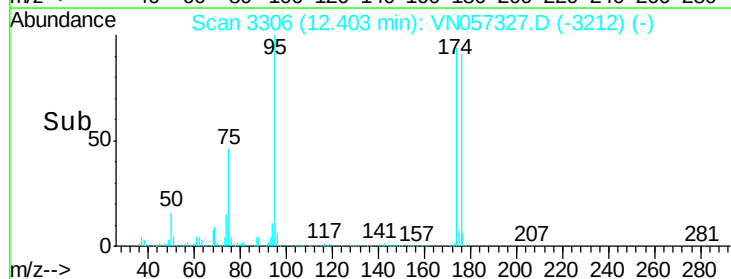
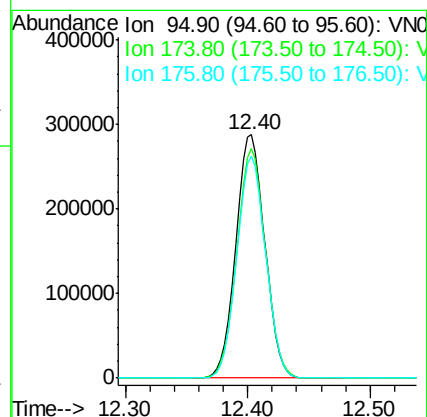
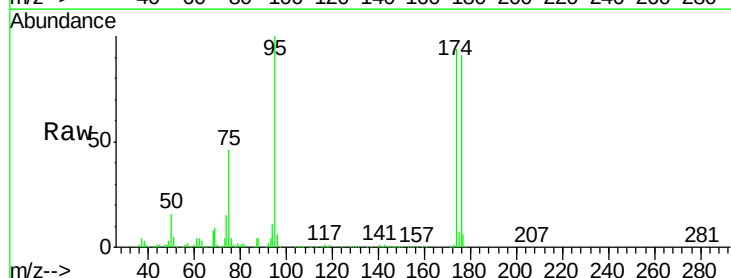
Tgt Ion: 95 Resp: 475957

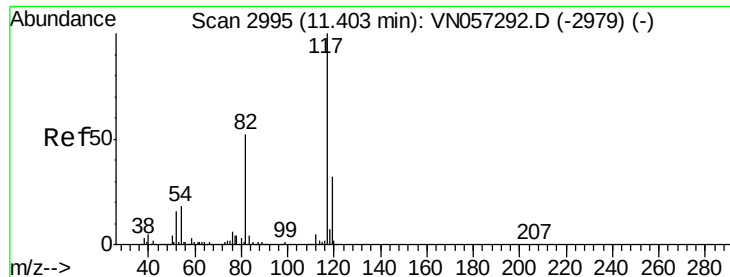
Ion Ratio Lower Upper

95 100

174 93.3 0.0 185.0

176 90.6 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: VN057327.D

Acq: 15 Aug 2019 13:26

Instrument :

MSVOA_N

ClientSampled :

VOC-25

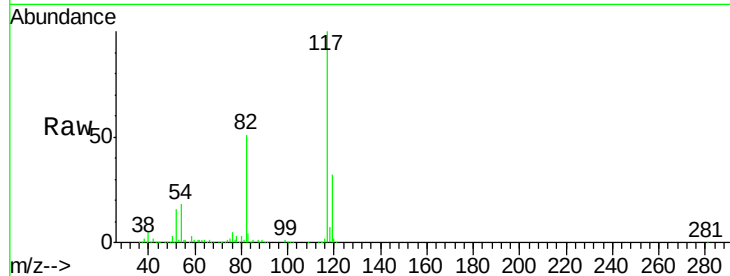
Tot Ion:117 Resp: 1176478

Ion Ratio Lower Upper

117 100

82 50.9 41.2 61.8

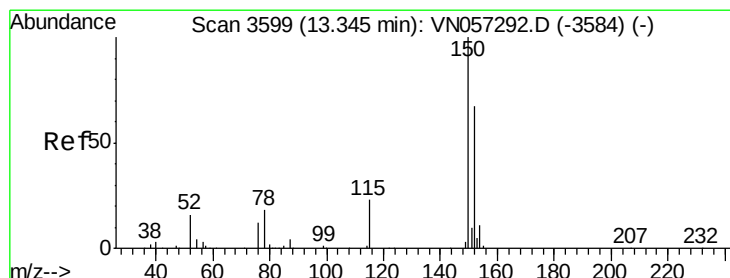
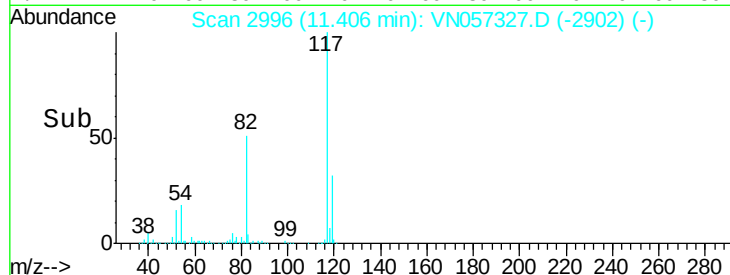
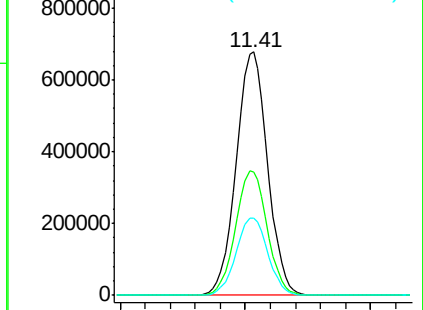
119 31.9 25.8 38.8



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: VN057327.D

Acq: 15 Aug 2019 13:26

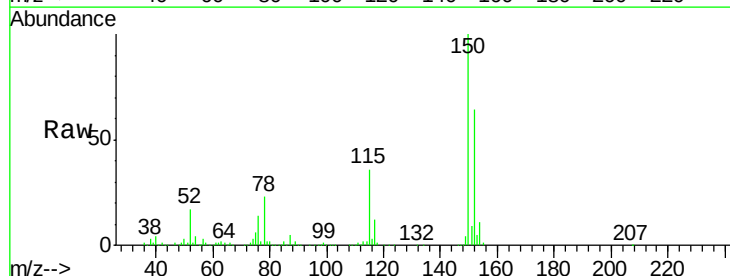
Tgt Ion:152 Resp: 411286

Ion Ratio Lower Upper

152 100

115 55.3 27.3 81.9

150 155.1 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

