

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057058.D
 Acq On : 2 Aug 2019 11:59
 Operator : JC/SP
 Sample : K4118-21RE
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ133I-20190731RE

Quant Time: Aug 03 05:31:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	583804	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	849218	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	690947	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	183751	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.02	65	325190	54.42	ug/l	0.00
Spiked Amount						
			Recovery	=	108.84%	
35) Dibromofluoromethane	7.58	113	297599	54.74	ug/l	0.00
Spiked Amount						
			Recovery	=	109.48%	
50) Toluene-d8	10.08	98	1111693	53.62	ug/l	0.00
Spiked Amount						
			Recovery	=	107.24%	
62) 4-Bromofluorobenzene	12.40	95	283611	42.02	ug/l	0.00
Spiked Amount						
			Recovery	=	84.04%	

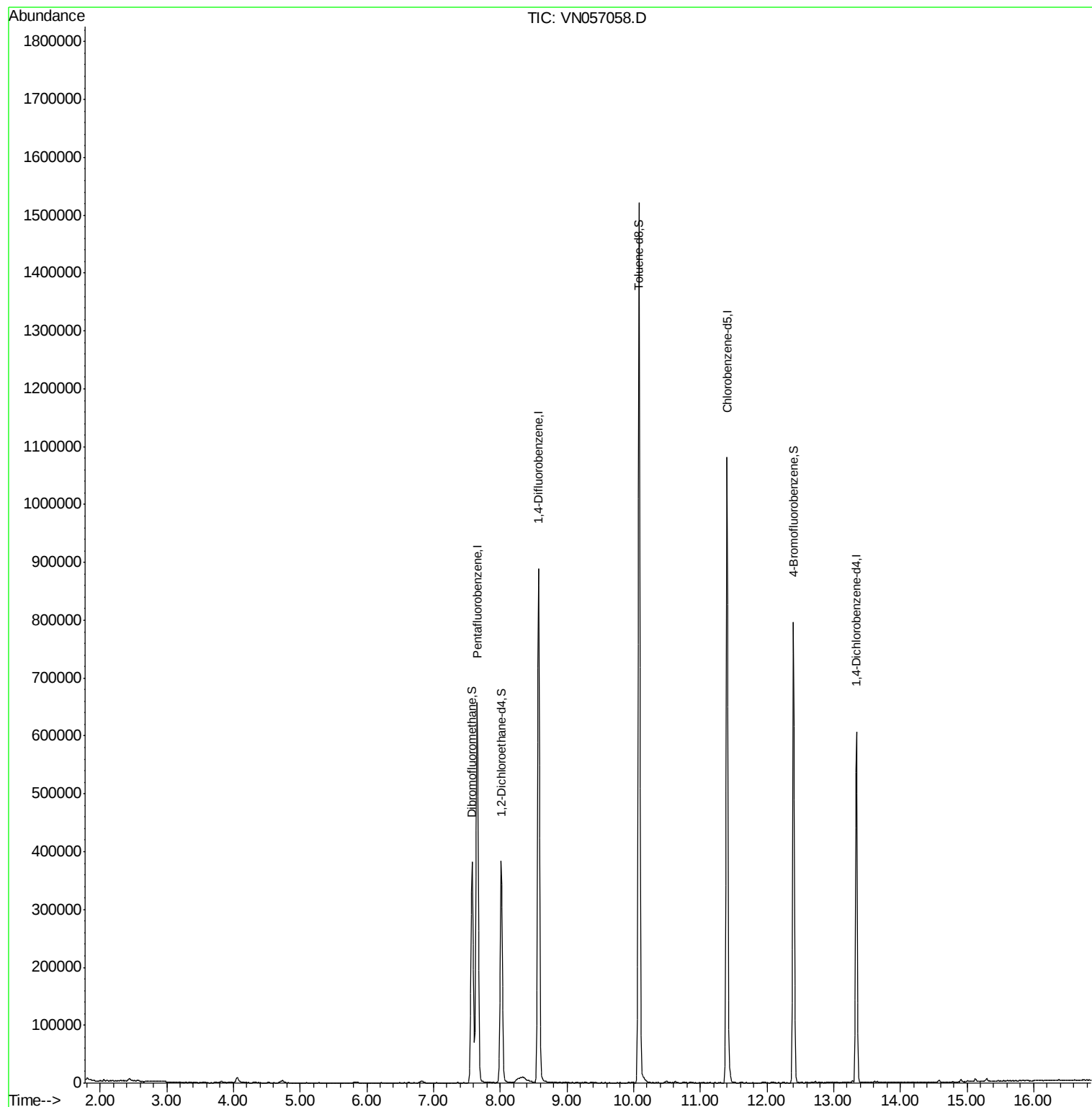
Target Compounds	Qvalue

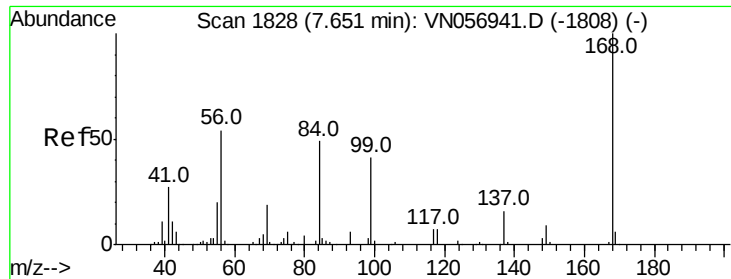
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057058.D

Acq: 2 Aug 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

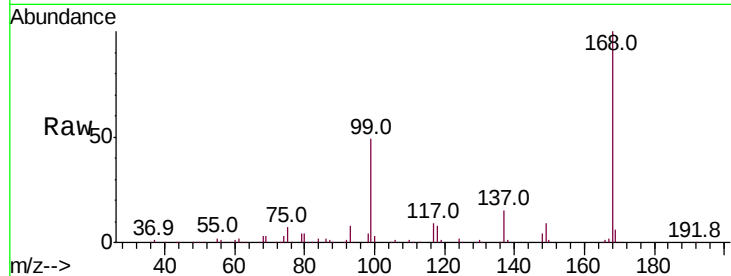
SA-PZ133I-20190731RE

Tot Ion:168 Resp: 583804

Ion Ratio Lower Upper

168 100

99 49.4 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

250000

200000

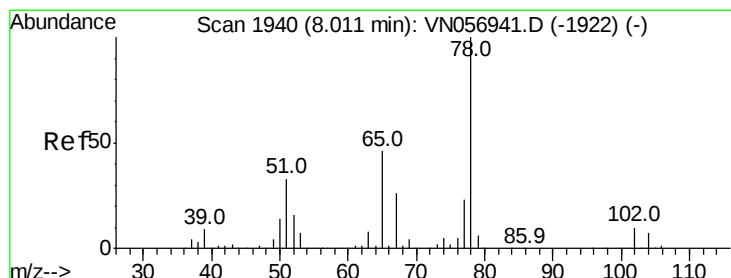
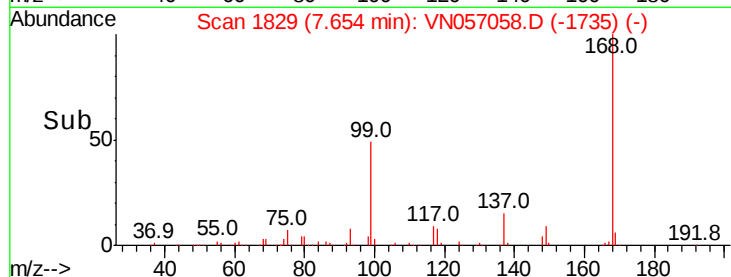
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 54.415 ug/l

RT: 8.02 min Scan# 1942

Delta R.T. 0.01 min

Lab File: VN057058.D

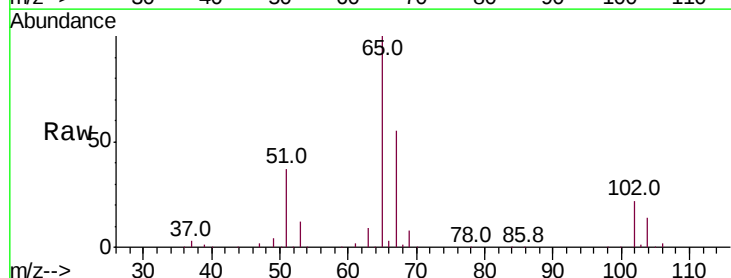
Acq: 2 Aug 2019 11:59

Tgt Ion: 65 Resp: 325190

Ion Ratio Lower Upper

65 100

67 54.7 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VN

8.02

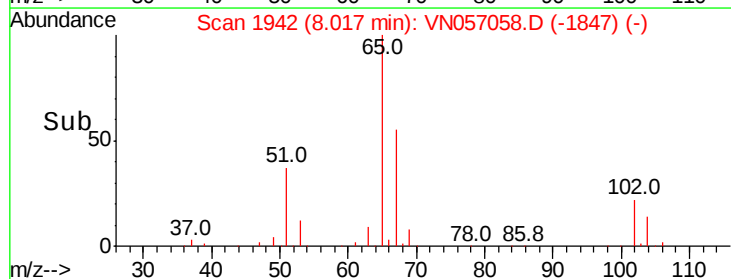
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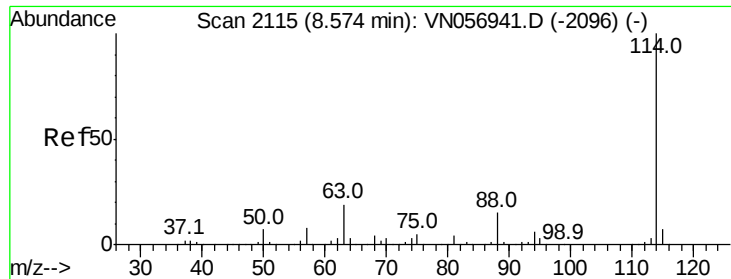
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Time-->

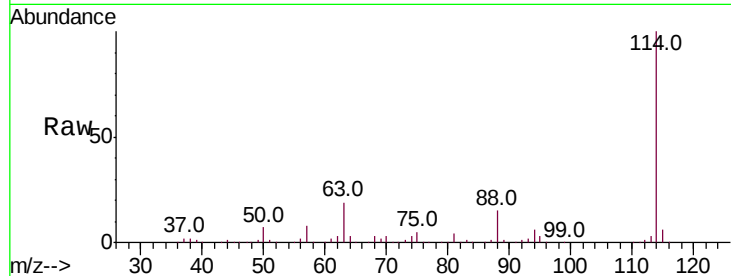




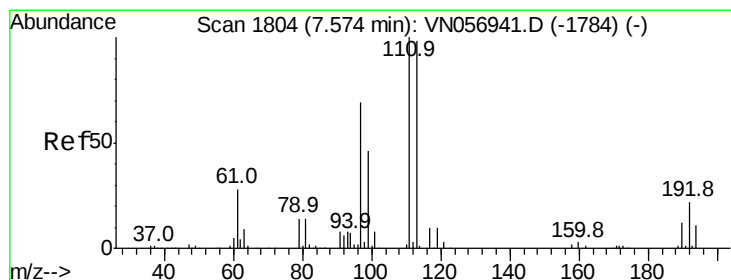
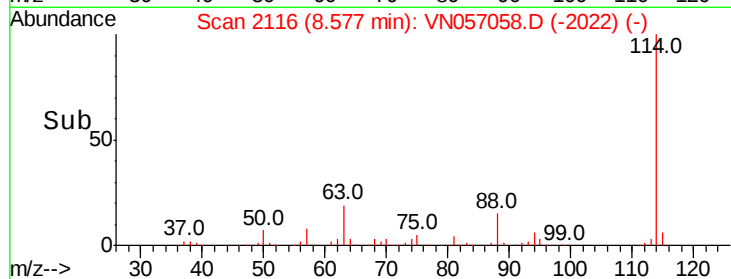
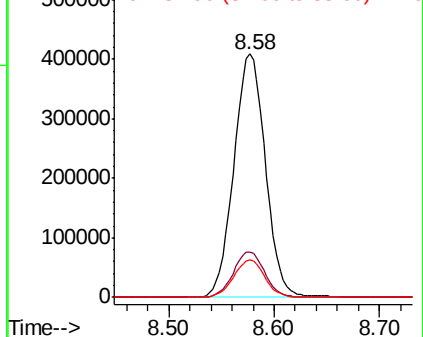
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057058.D
 Acq: 2 Aug 2019 11:59

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ1331-20190731RE

Tot Ion:114 Resp: 849218
 Ion Ratio Lower Upper
 114 100
 63 18.8 0.0 38.0
 88 15.5 0.0 30.0

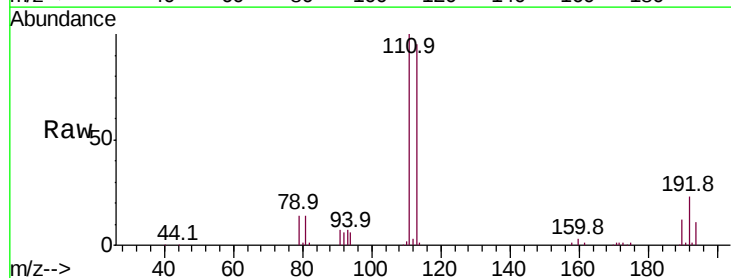


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

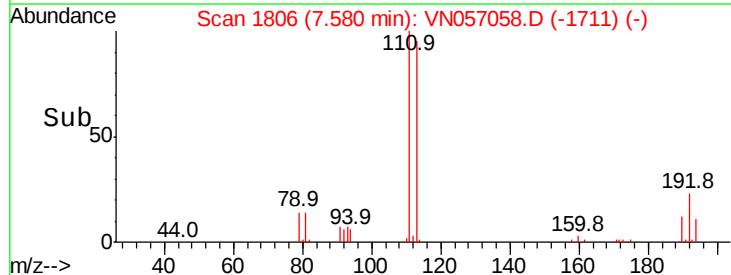
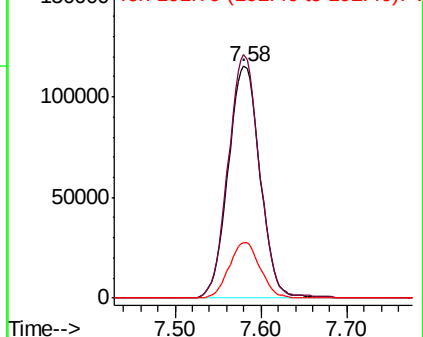


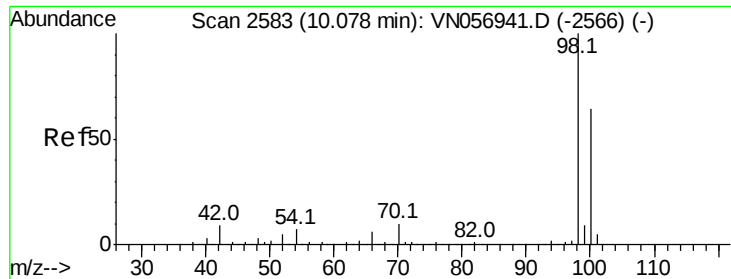
#35
 Dibromofluoromethane
 Concen: 54.742 ug/l
 RT: 7.58 min Scan# 1806
 Delta R.T. 0.01 min
 Lab File: VN057058.D
 Acq: 2 Aug 2019 11:59

Tgt Ion:113 Resp: 297599
 Ion Ratio Lower Upper
 113 100
 111 102.9 82.0 123.0
 192 23.3 18.4 27.6



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: 53.623 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057058.D

Acq: 2 Aug 2019 11:59

Instrument :

MSVOA_N

ClientSampleId :

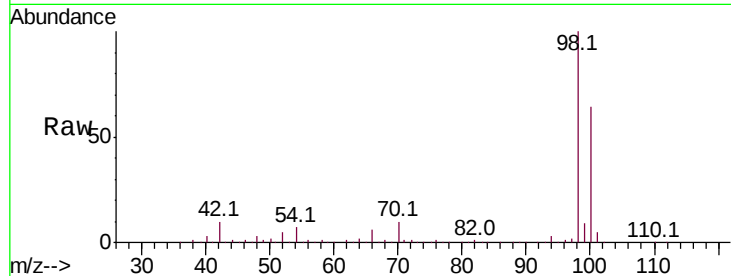
SA-PZ133I-20190731RE

Tot Ion: 98 Resp: 1111693

Ion Ratio Lower Upper

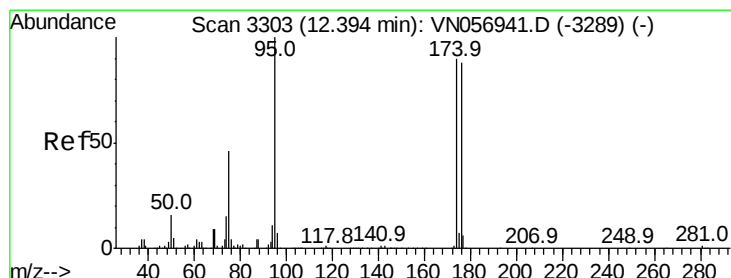
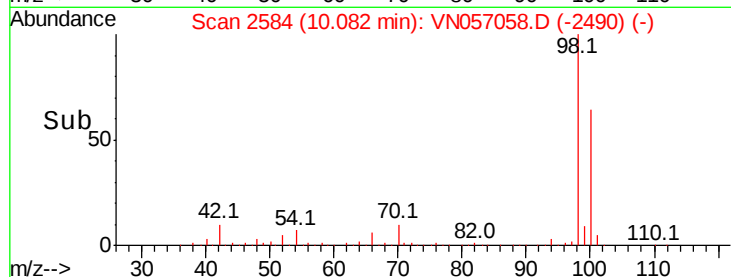
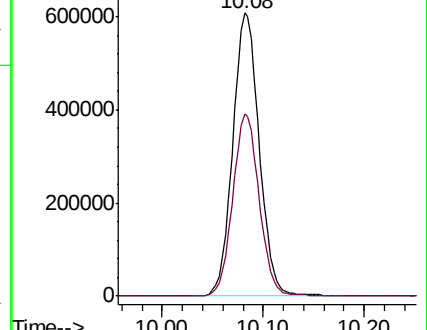
98 100

100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.022 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057058.D

Acq: 2 Aug 2019 11:59

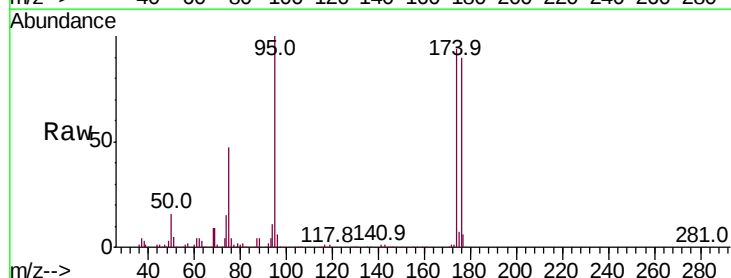
Tgt Ion: 95 Resp: 283611

Ion Ratio Lower Upper

95 100

174 94.8 0.0 182.2

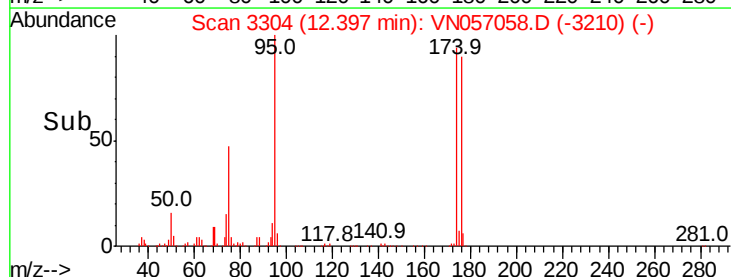
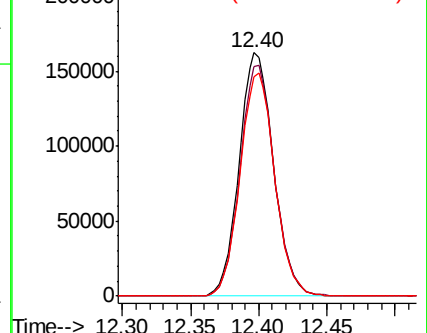
176 92.2 0.0 179.4

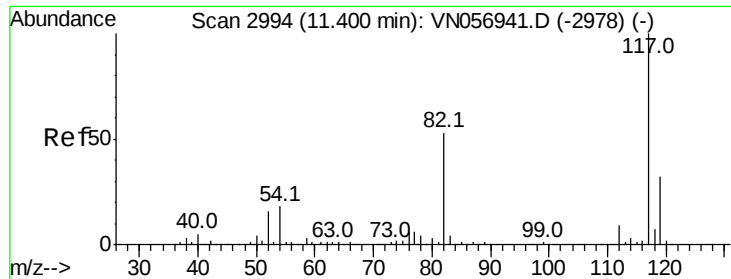


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

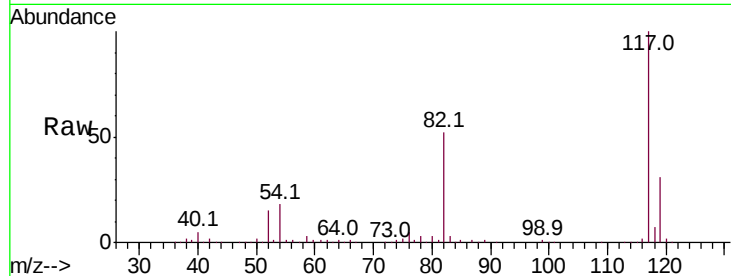




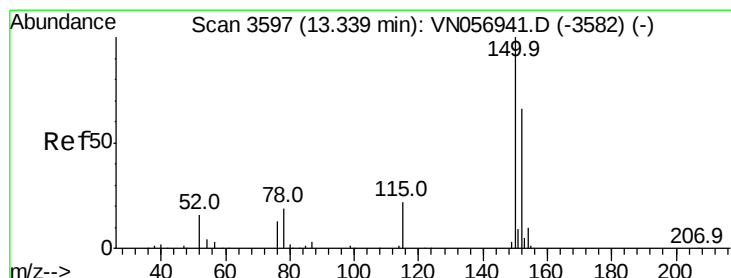
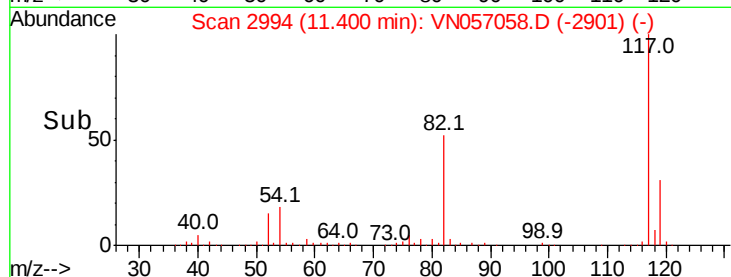
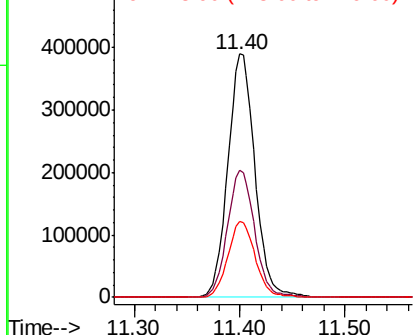
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057058.D
Acq: 2 Aug 2019 11:59

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ133I-20190731RE

Tot Ion:117 Resp: 690947
Ion Ratio Lower Upper
117 100
82 52.4 42.2 63.4
119 31.2 25.8 38.6

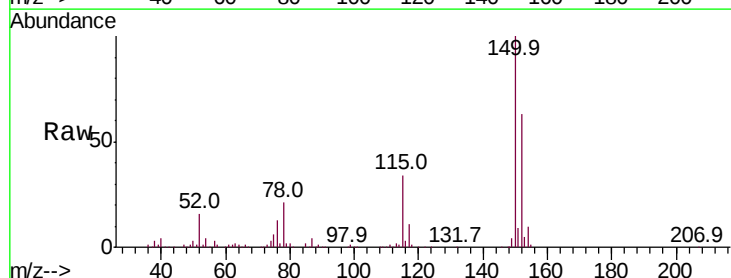


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057058.D
Acq: 2 Aug 2019 11:59

Tgt Ion:152 Resp: 183751
Ion Ratio Lower Upper
152 100
115 54.9 28.2 84.6
150 156.5 0.0 349.4



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

