

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057053.D
 Acq On : 2 Aug 2019 10:03
 Operator : JC/SP
 Sample : K4118-21
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ133I-20190731

Quant Time: Aug 03 04:36:17 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	571026	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	825185	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	672822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174798	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.01	65	318253	54.45	ug/l	0.00
Spiked Amount			Recovery	=	108.90%	
35) Dibromofluoromethane	7.58	113	292575	55.39	ug/l	0.00
Spiked Amount			Recovery	=	110.78%	
50) Toluene-d8	10.08	98	1093269	54.27	ug/l	0.00
Spiked Amount			Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.40	95	276779	42.20	ug/l	0.00
Spiked Amount			Recovery	=	84.40%	

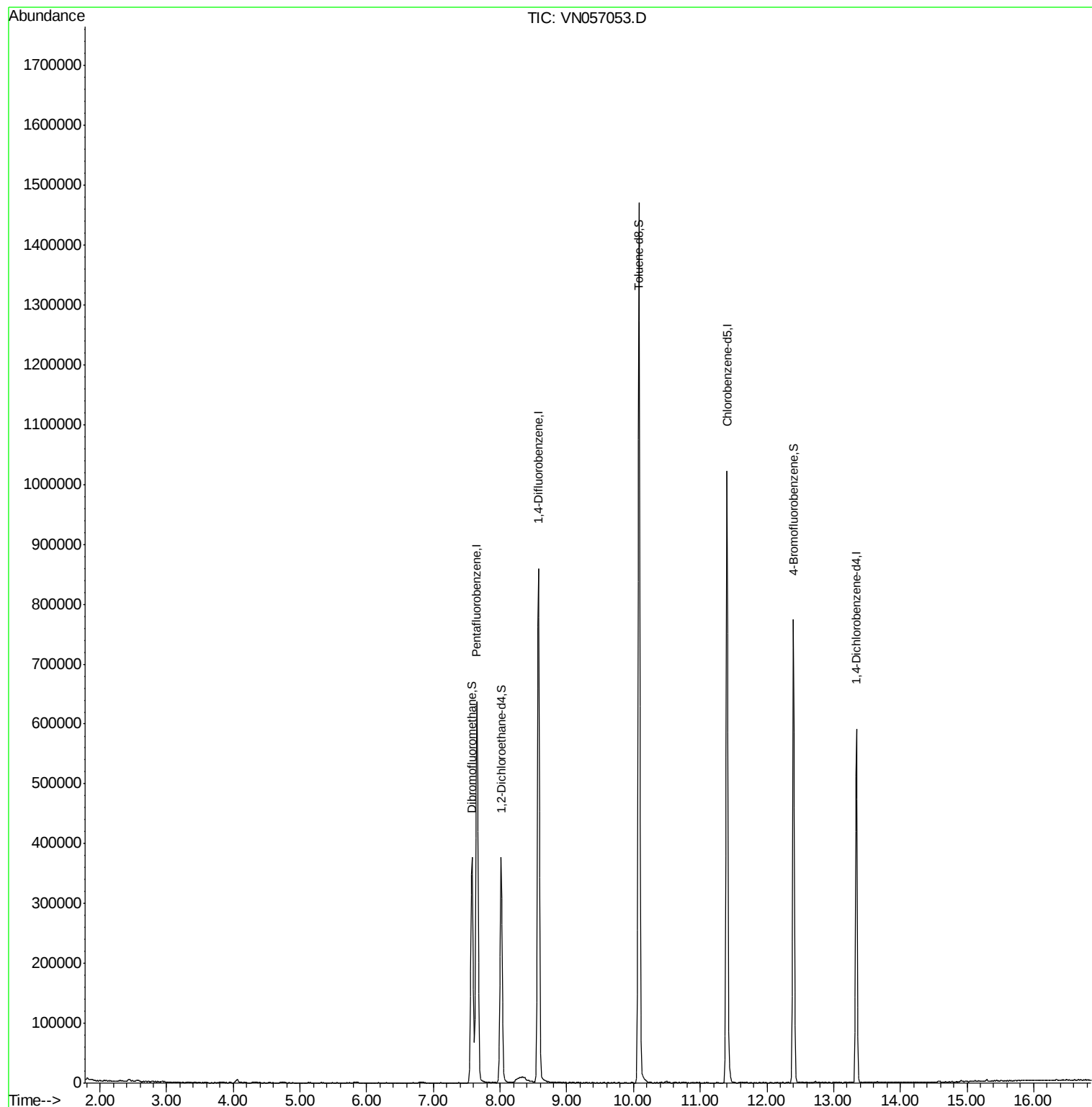
Target Compounds	Qvalue
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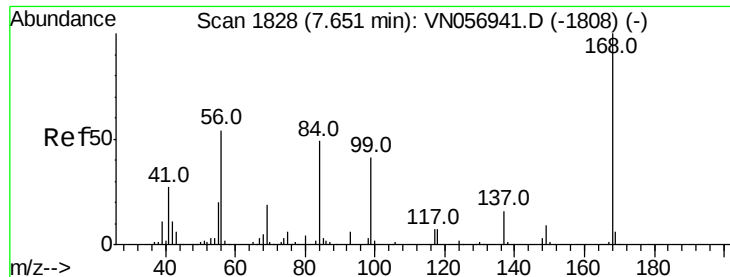
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN080219\
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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: VN057053.D

Acq: 2 Aug 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

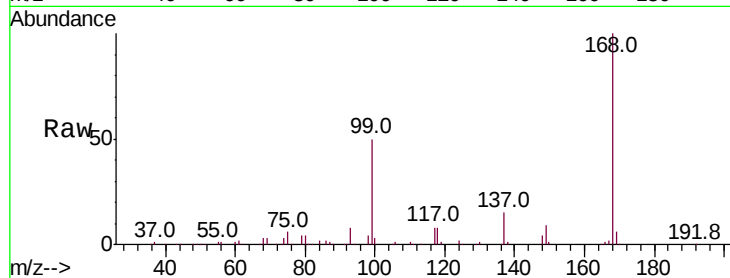
SA-PZ133I-20190731

Tot Ion:168 Resp: 571026

Ion Ratio Lower Upper

168 100

99 49.8 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

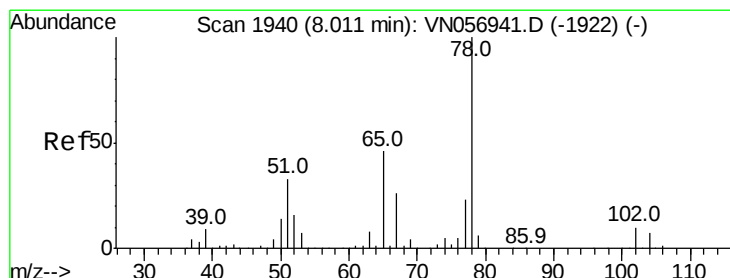
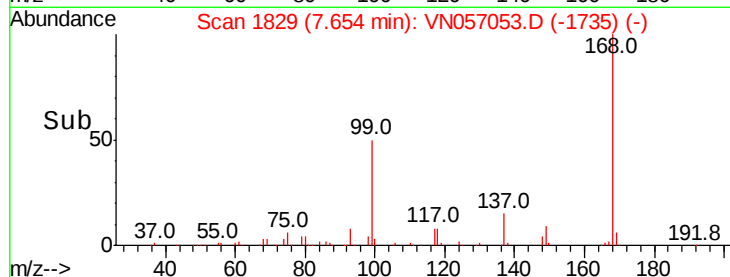
100000

50000

0

Time-->

7.60 7.70



#33

1,2-Dichloroethane-d4

Concen: 54.446 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057053.D

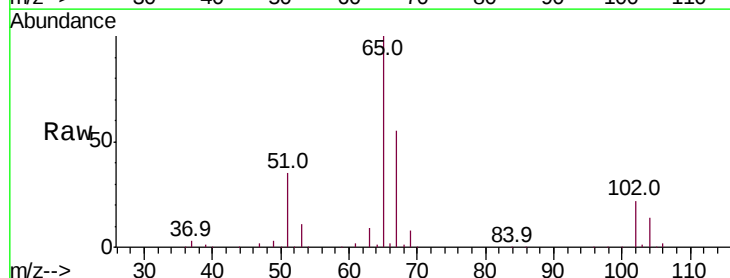
Acq: 2 Aug 2019 10:03

Tgt Ion: 65 Resp: 318253

Ion Ratio Lower Upper

65 100

67 54.3 0.0 112.0



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.01

150000

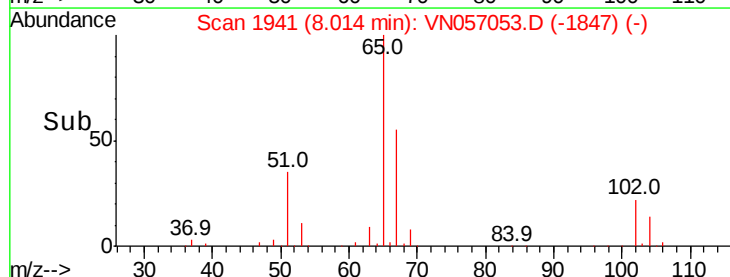
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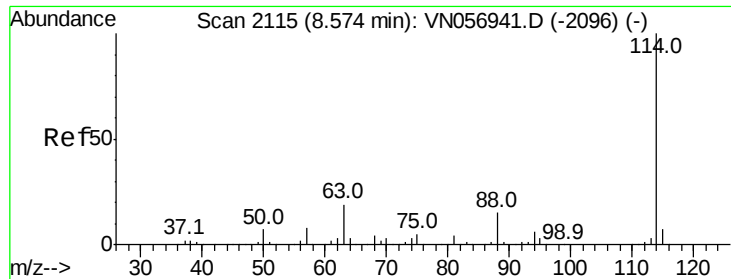
50000

0

Time-->

7.90 8.00 8.10

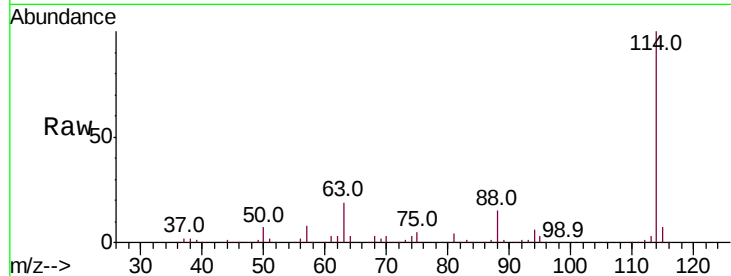




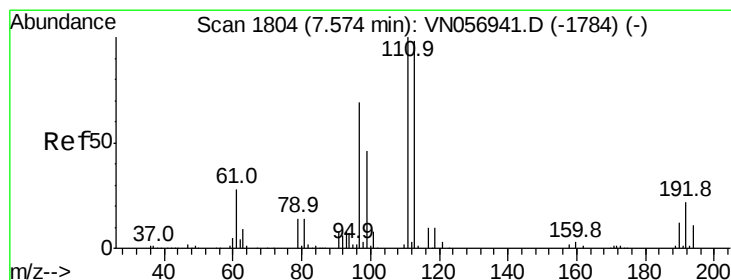
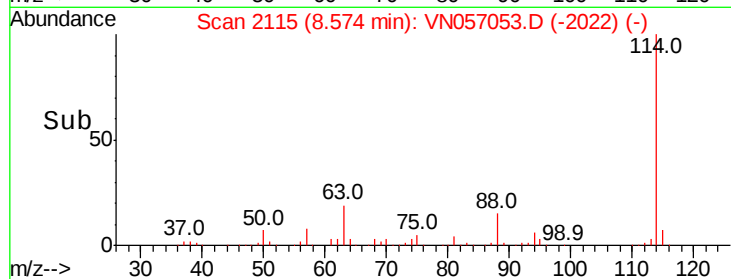
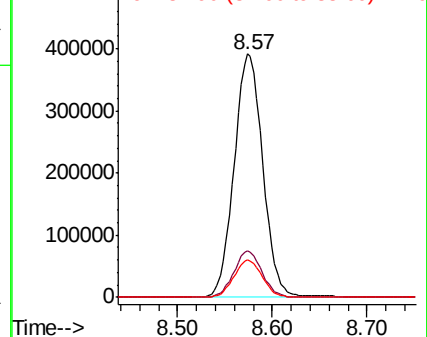
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057053.D
 Acq: 2 Aug 2019 10:03

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ1331-20190731

Tot Ion	Ratio	Lower	Upper
114	100		
63	18.9	0.0	38.0
88	15.4	0.0	30.0

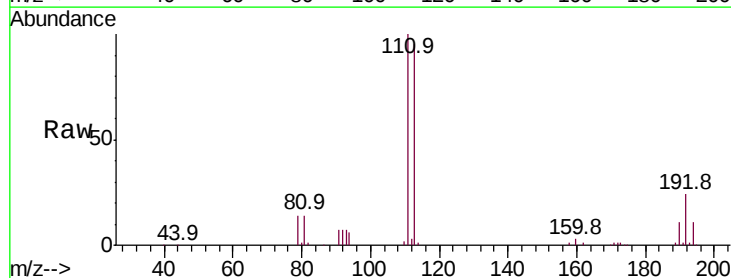


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

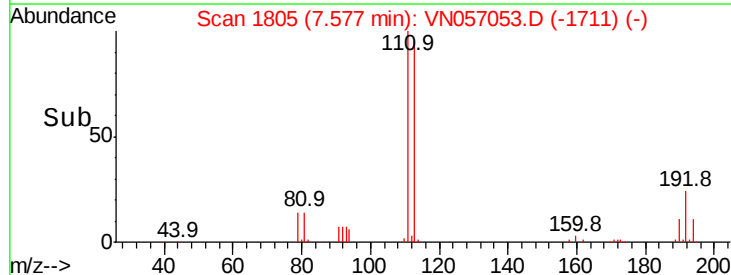
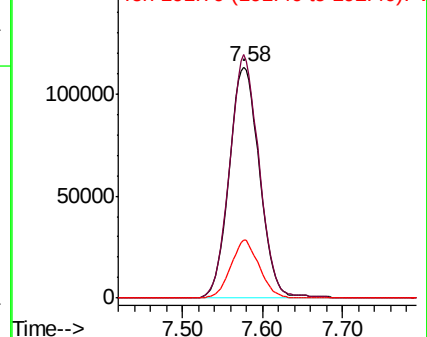


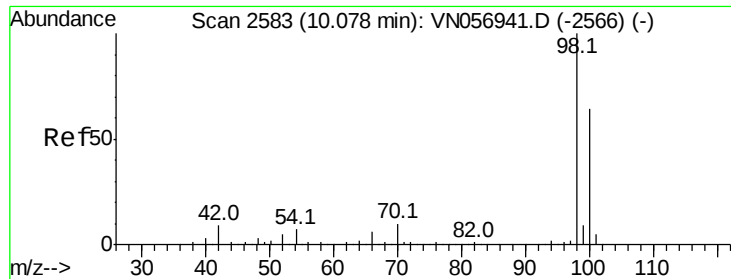
#35
 Dibromofluoromethane
 Concen: 55.385 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057053.D
 Acq: 2 Aug 2019 10:03

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.9	82.0	123.0
192	23.5	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: 54.270 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057053.D

Acq: 2 Aug 2019 10:03

Instrument :

MSVOA_N

ClientSampleId :

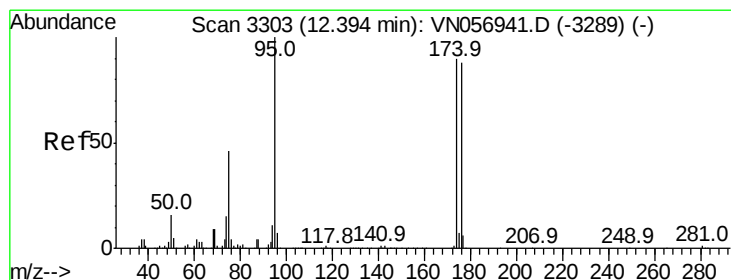
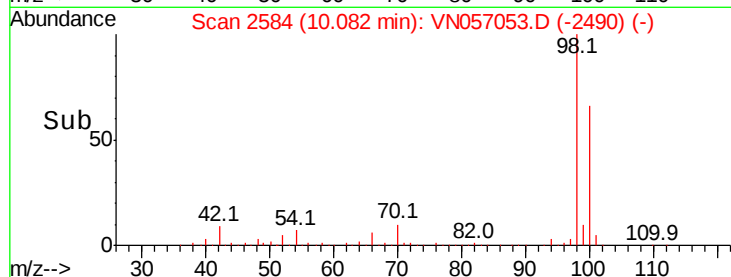
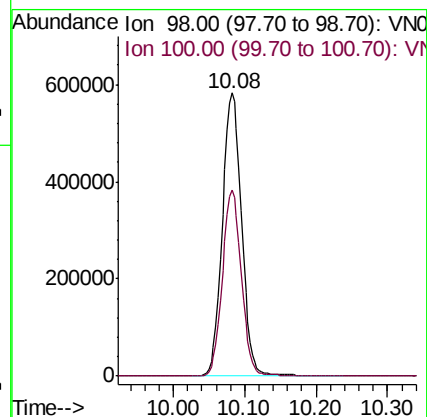
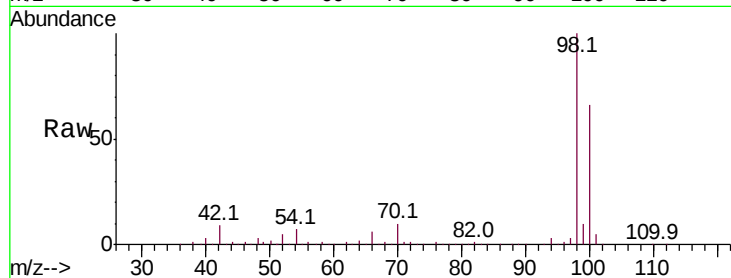
SA-PZ133I-20190731

Tot Ion: 98 Resp: 1093269

Ion Ratio Lower Upper

98 100

100 64.8 51.3 76.9



#62

4-Bromofluorobenzene

Concen: 42.204 ug/l

RT: 12.40 min Scan# 3304

Delta R.T. 0.00 min

Lab File: VN057053.D

Acq: 2 Aug 2019 10:03

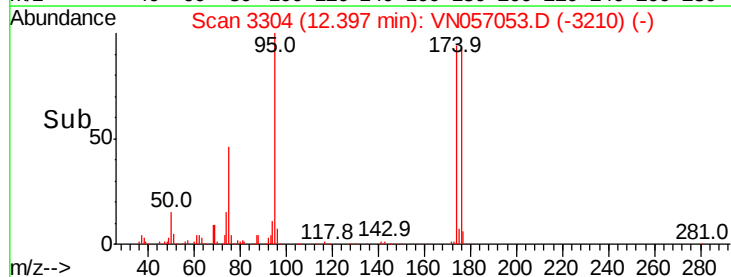
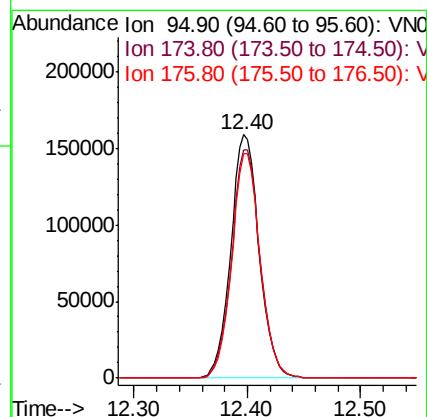
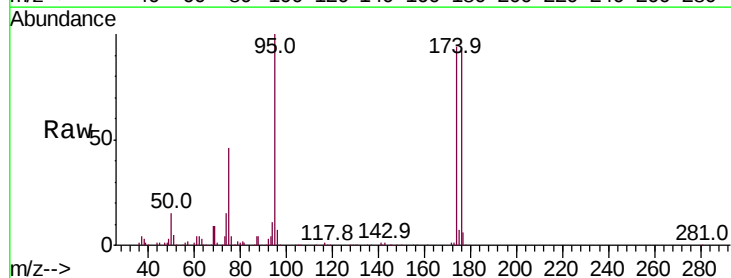
Tgt Ion: 95 Resp: 276779

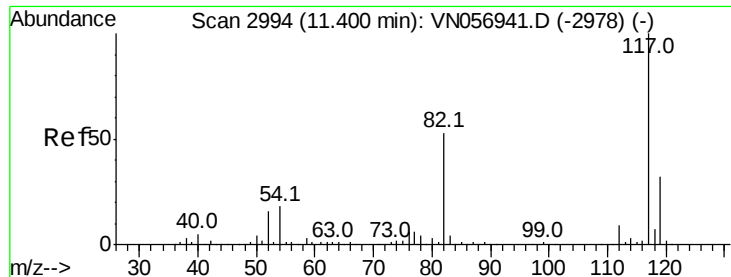
Ion Ratio Lower Upper

95 100

174 94.0 0.0 182.2

176 92.0 0.0 179.4

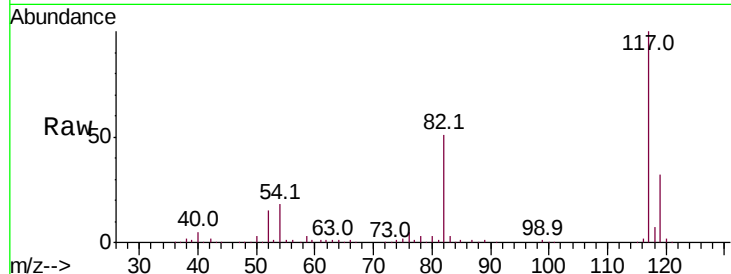




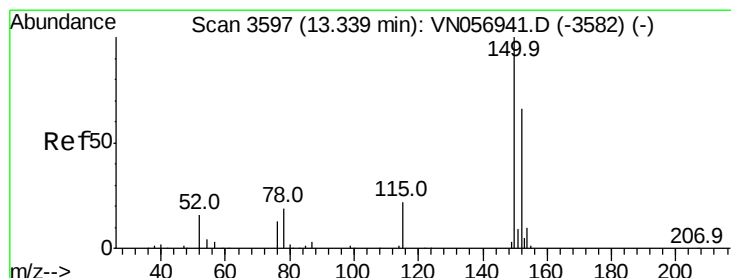
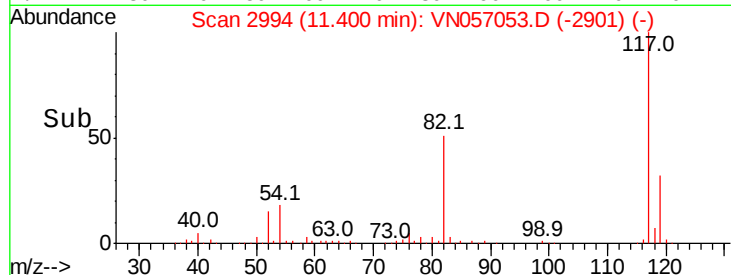
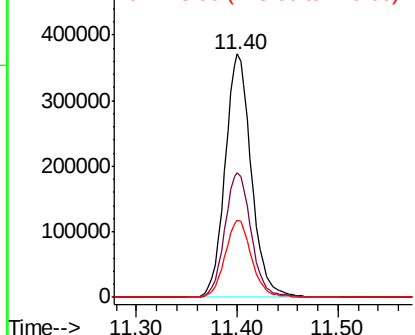
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. 0.00 min
Lab File: VN057053.D
Acq: 2 Aug 2019 10:03

Instrument :
MSVOA_N
ClientSampleId :
SA-PZ133I-20190731

Tot Ion:117 Resp: 672822
Ion Ratio Lower Upper
117 100
82 51.2 42.2 63.4
119 31.9 25.8 38.6

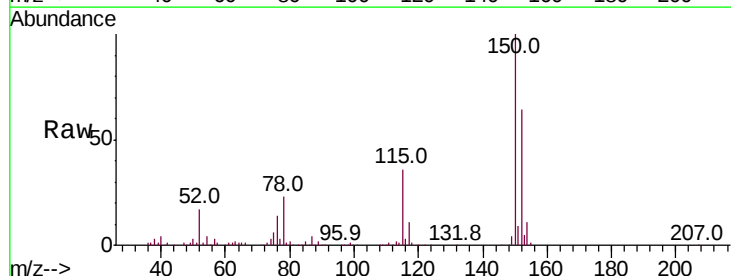


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. 0.00 min
Lab File: VN057053.D
Acq: 2 Aug 2019 10:03

Tgt Ion:152 Resp: 174798
Ion Ratio Lower Upper
152 100
115 55.8 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

