

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN051019\
 Data File : VN055538.D
 Acq On : 10 May 2019 9:26
 Operator : JC/SP
 Sample : VN0510MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510MBL01

Quant Time: May 11 01:16:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N050819W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 06:48:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	919042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1548476	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1276175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	333443	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.03	65	619274	44.75	ug/l	0.00
Spiked Amount			Recovery	=	89.50%	
35) Dibromofluoromethane	7.59	113	488112	48.87	ug/l	0.00
Spiked Amount			Recovery	=	97.74%	
50) Toluene-d8	10.09	98	1876169	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
62) 4-Bromofluorobenzene	12.40	95	516319	39.34	ug/l	0.00
Spiked Amount			Recovery	=	78.68%	

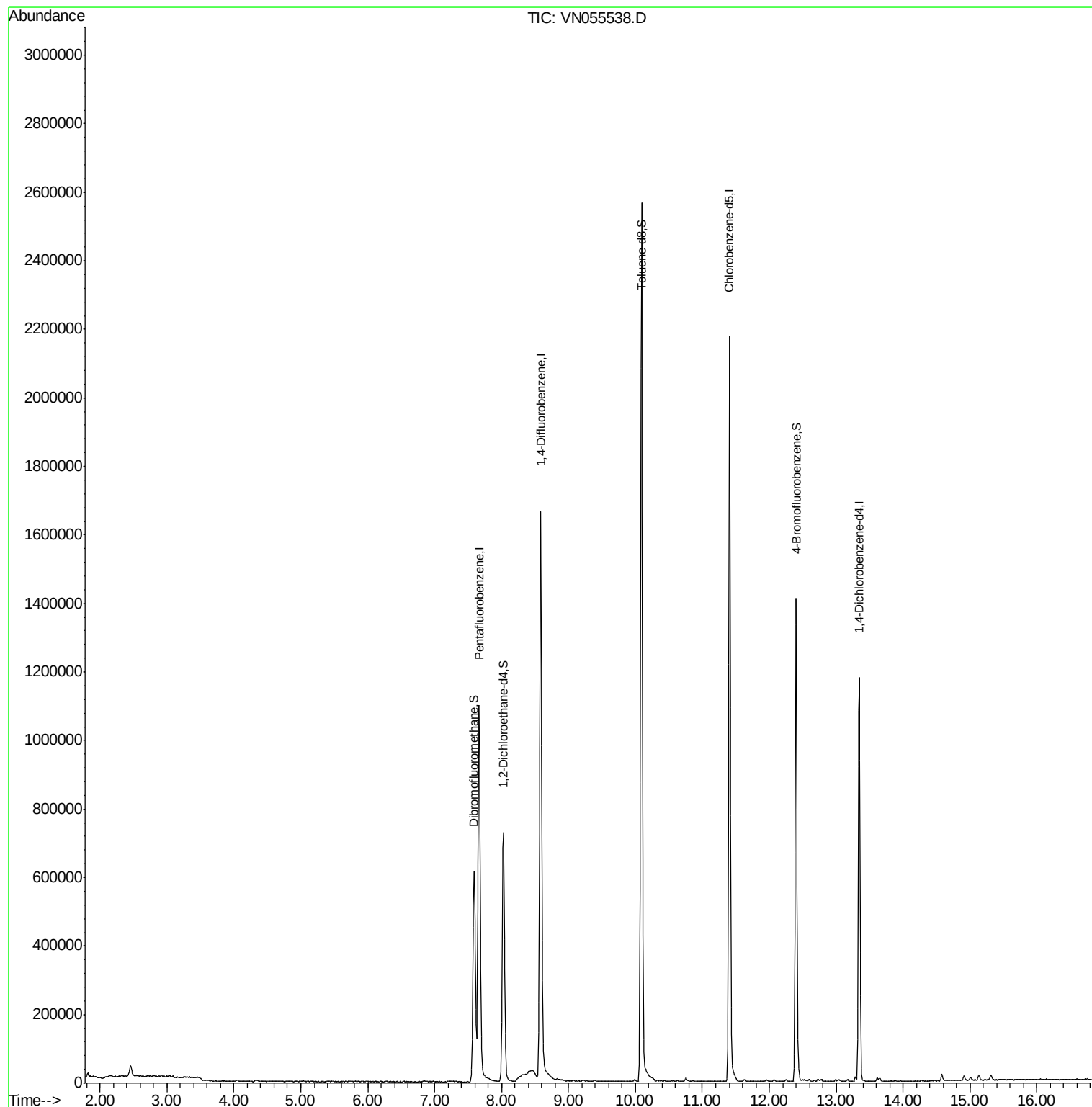
Target Compounds	Qvalue
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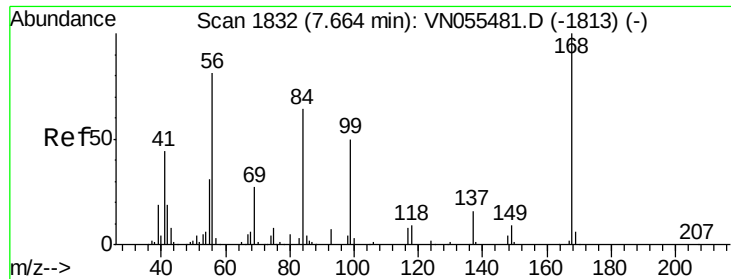
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampleId :

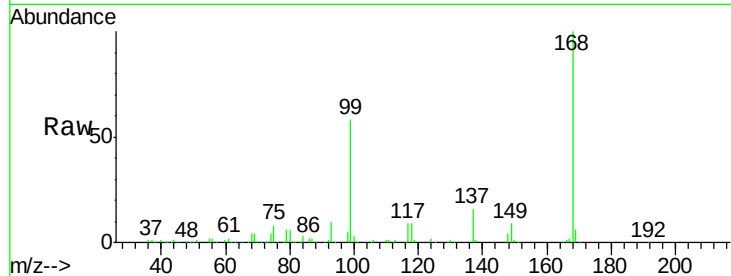
VN0510MBL01

Tot Ion:168 Resp: 919042

Ion Ratio Lower Upper

168 100

99 57.7 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

400000

300000

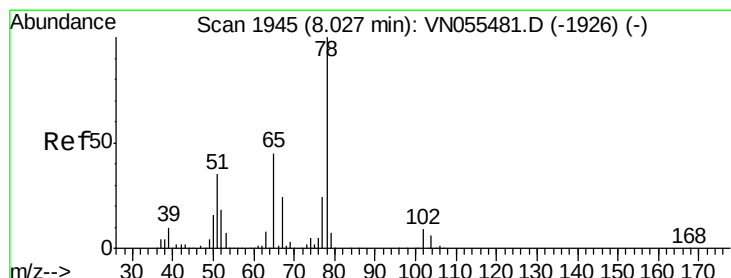
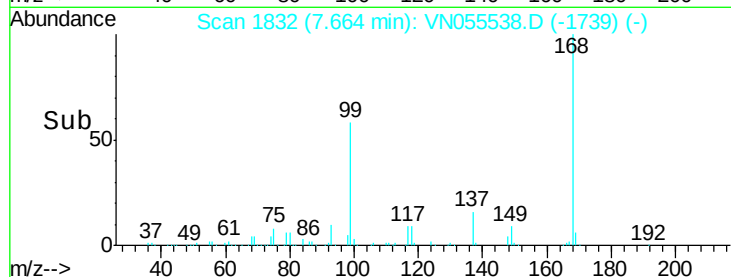
200000

100000

0

7.60 7.70 7.80

Time-->



#33

1,2-Dichloroethane-d4

Concen: 44.753 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. -0.00 min

Lab File: VN055538.D

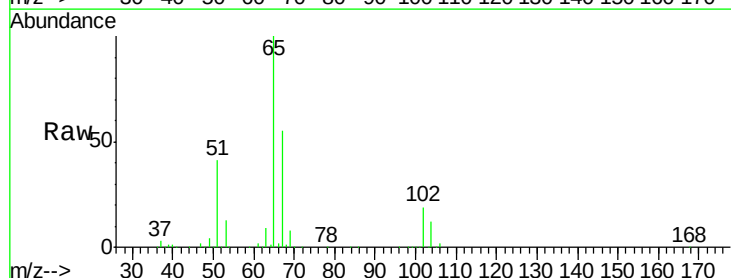
Acq: 10 May 2019 9:26

Tgt Ion: 65 Resp: 619274

Ion Ratio Lower Upper

65 100

67 54.8 0.0 109.6



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

300000

250000

200000

150000

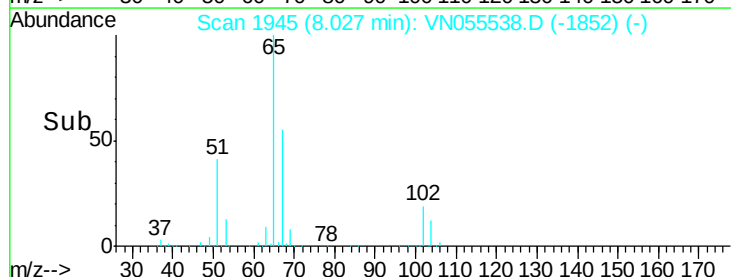
100000

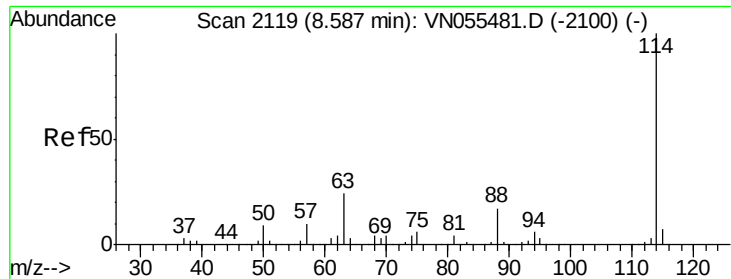
50000

0

7.90 8.00 8.10 8.20

Time-->

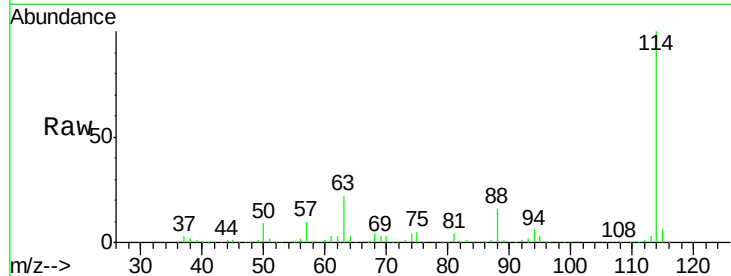




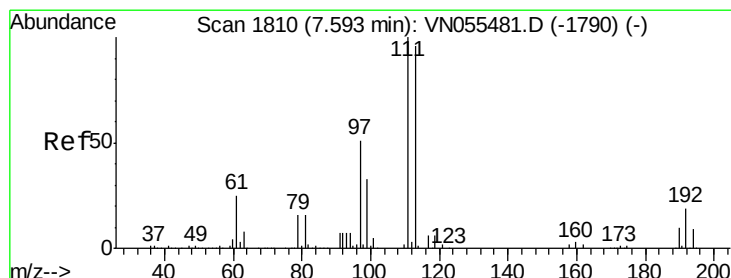
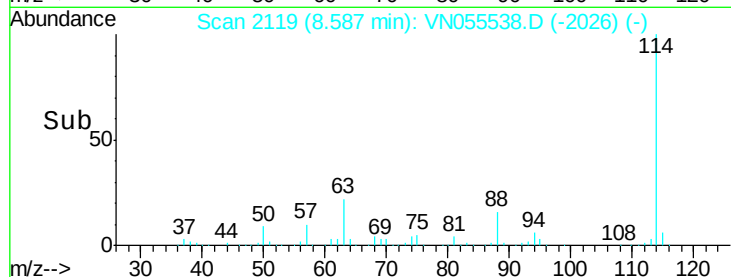
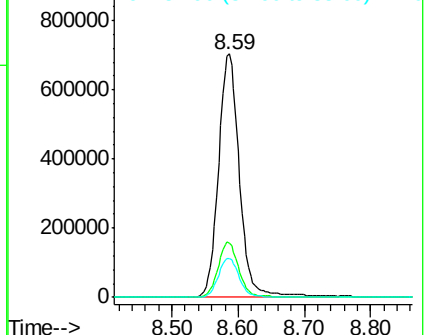
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0510MBL01

Tot Ion:114 Resp: 1548476
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 47.4
 88 16.2 0.0 34.0

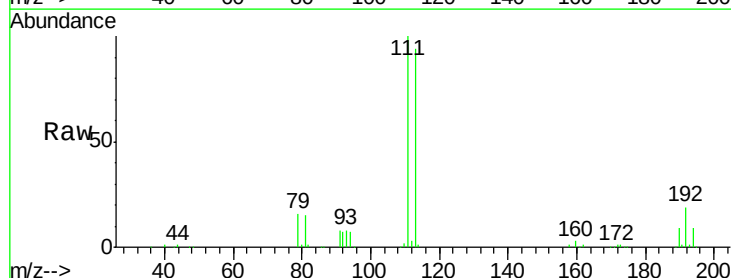


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

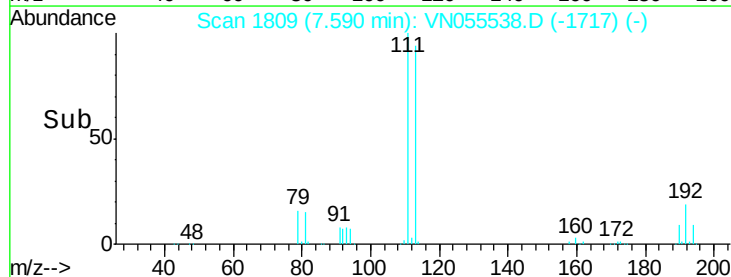
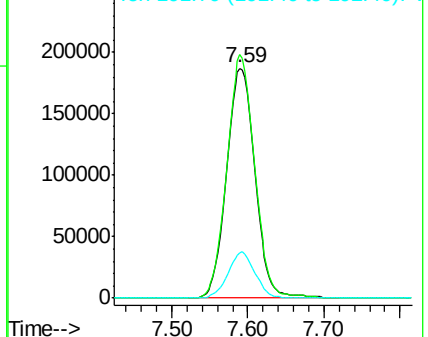


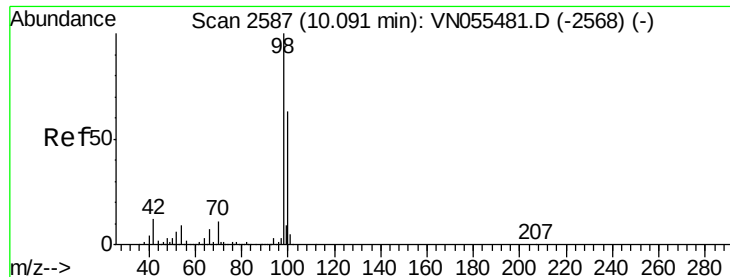
#35
 Dibromofluoromethane
 Concen: 48.865 ug/l
 RT: 7.59 min Scan# 1809
 Delta R.T. -0.00 min
 Lab File: VN055538.D
 Acq: 10 May 2019 9:26

Tgt Ion:113 Resp: 488112
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.9 124.3
 192 19.0 15.6 23.4



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: 48.199 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

Instrument :

MSVOA_N

ClientSampled :

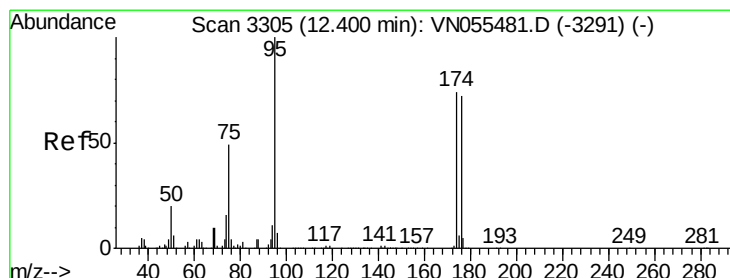
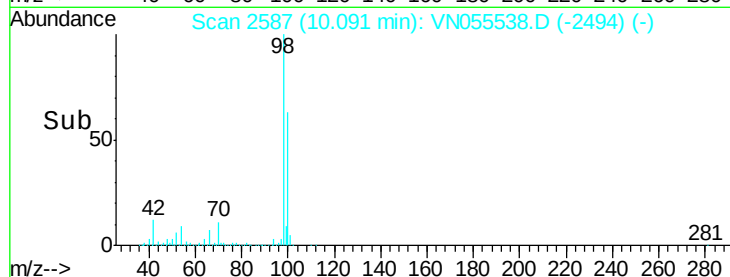
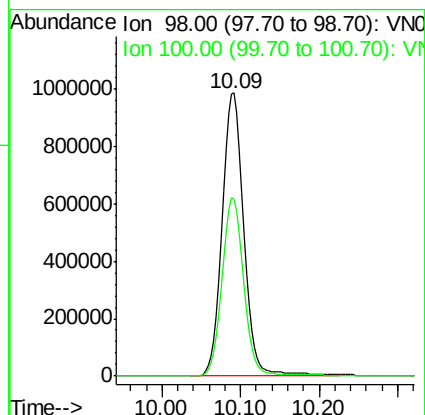
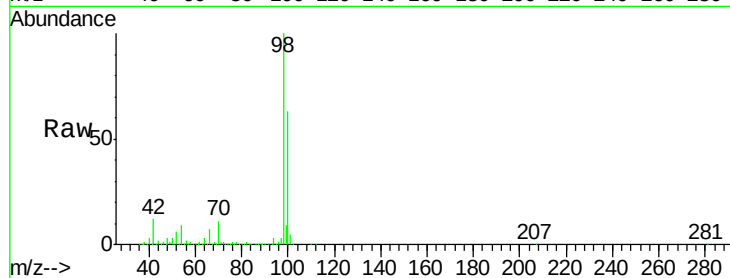
VN0510MBL01

Tot Ion: 98 Resp: 1876169

Ion Ratio Lower Upper

98 100

100 62.8 50.4 75.6



#62

4-Bromofluorobenzene

Concen: 39.338 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN055538.D

Acq: 10 May 2019 9:26

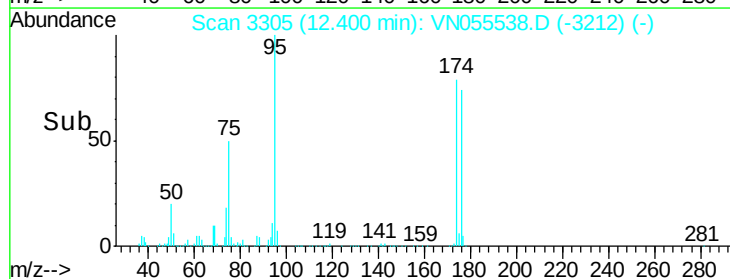
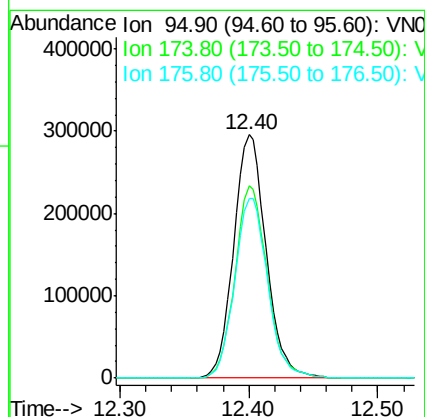
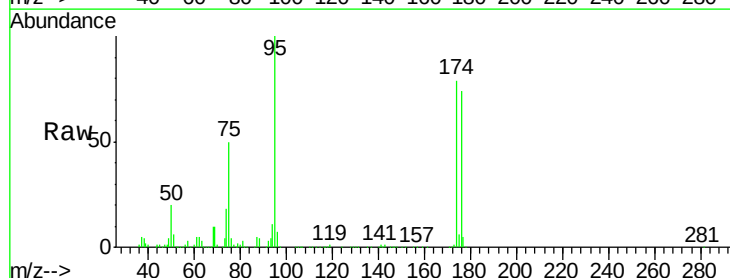
Tgt Ion: 95 Resp: 516319

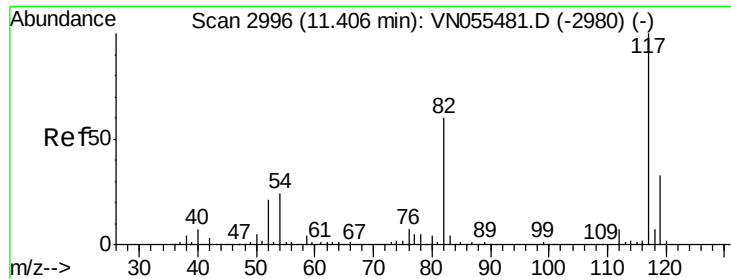
Ion Ratio Lower Upper

95 100

174 78.7 0.0 152.2

176 75.3 0.0 147.8

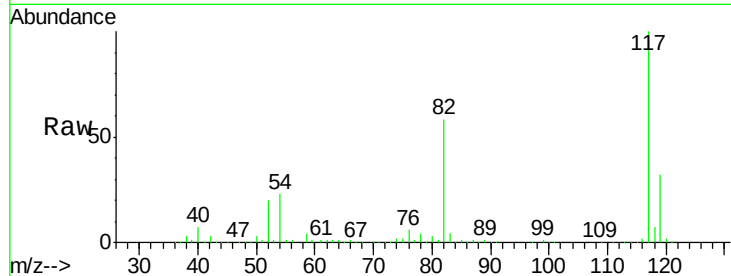




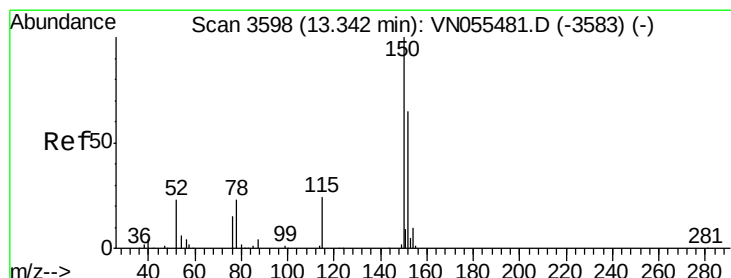
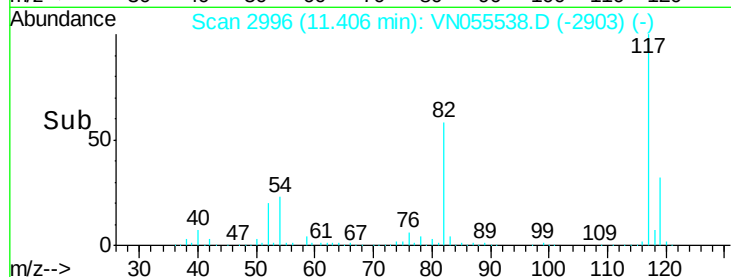
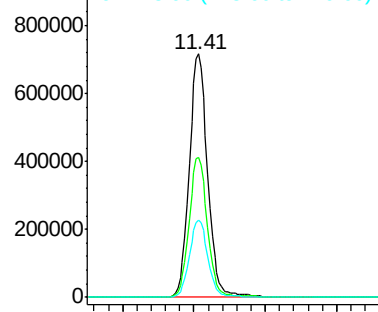
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Instrument :
MSVOA_N
ClientSampleId :
VN0510MBL01

Tot Ion:117 Resp: 1276175
Ion Ratio Lower Upper
117 100
82 57.6 48.0 72.0
119 31.9 26.0 39.0

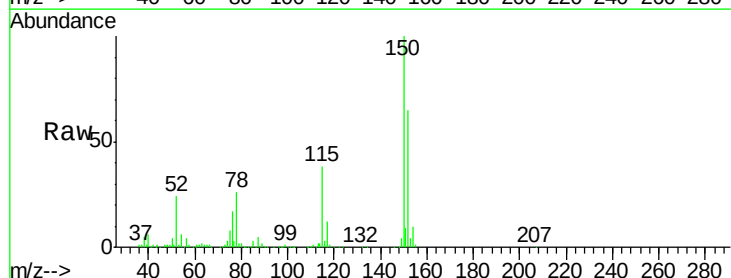


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055538.D
Acq: 10 May 2019 9:26

Tgt Ion:152 Resp: 333443
Ion Ratio Lower Upper
152 100
115 58.8 30.1 90.5
150 154.1 0.0 355.0



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

