

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051719\
 Data File : VN055620.D
 Acq On : 17 May 2019 19:07
 Operator : JC/SP
 Sample : K2902-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP-01

Quant Time: May 18 03:59:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051719W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:54:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	416197	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	592627	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	500206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	197399	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	196102	42.98	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.96%	
35) Dibromofluoromethane	7.59	113	180868	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.08%	
50) Toluene-d8	10.09	98	684723	48.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.20%	
62) 4-Bromofluorobenzene	12.40	95	221422	45.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.10%	

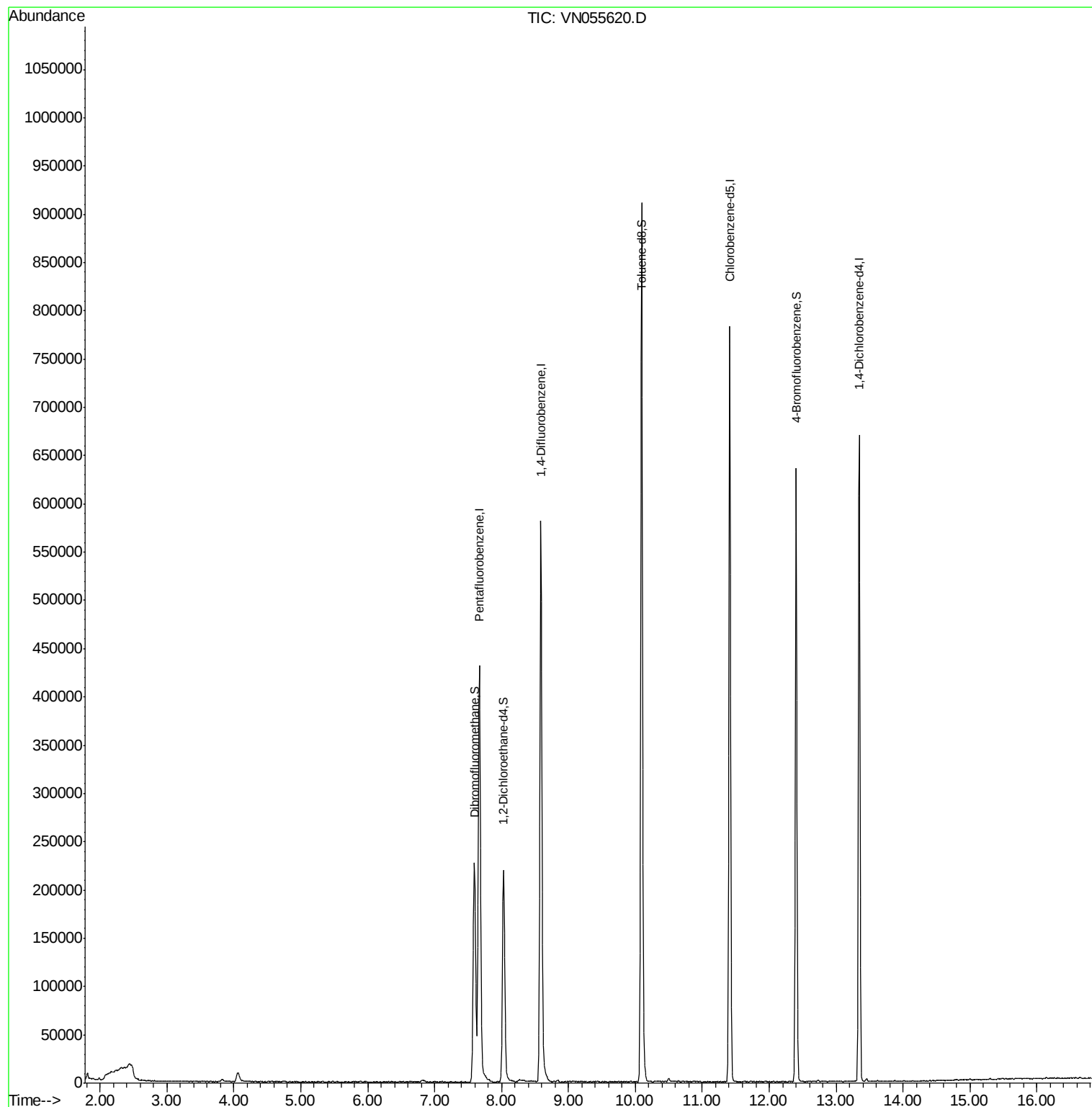
Target Compounds	Qvalue
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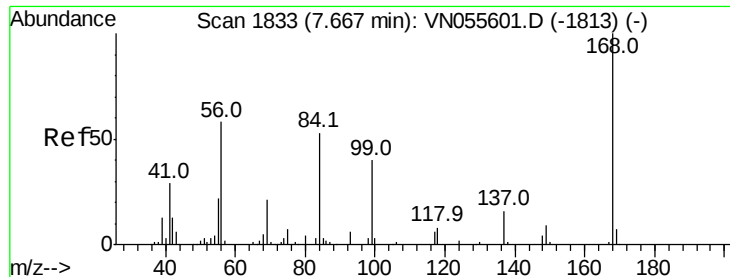
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN055620.D

Acq: 17 May 2019 19:07

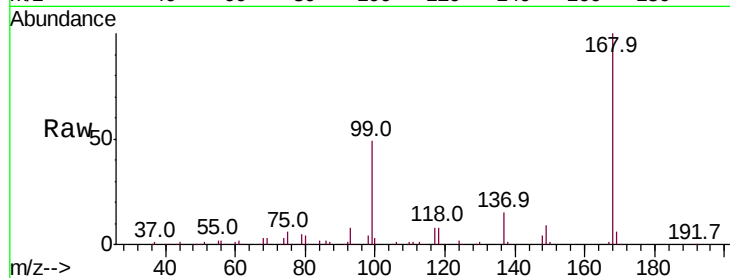
Instrument :
MSVOA_N
ClientSampled :
DUP-01

Tot Ion:168 Resp: 416197

Ion Ratio Lower Upper

168 100

99 48.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

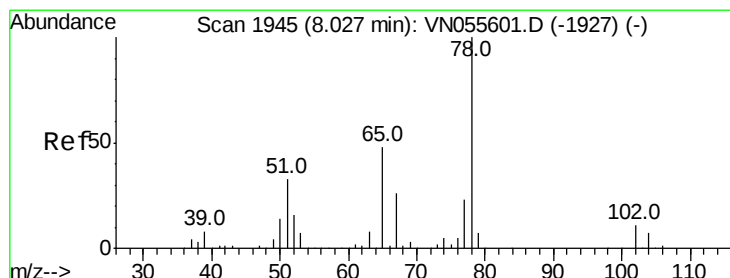
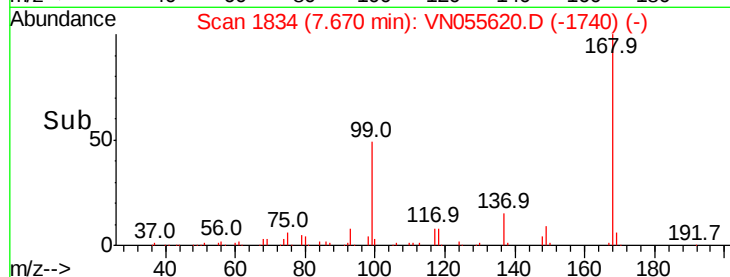
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 42.983 ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055620.D

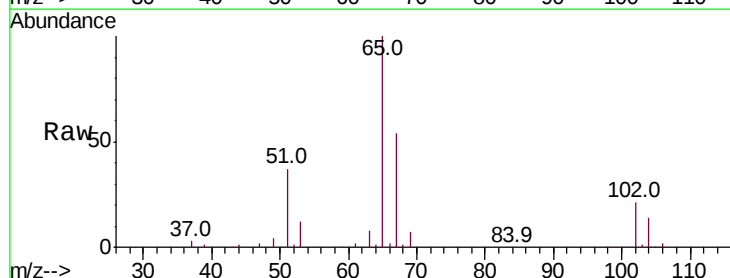
Acq: 17 May 2019 19:07

Tgt Ion: 65 Resp: 196102

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

8.03

80000

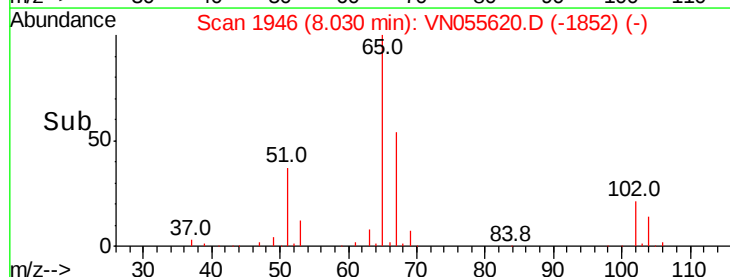
60000

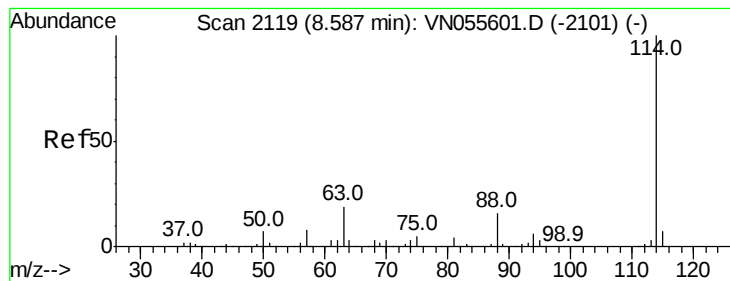
40000

20000

0

Time--> 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055620.D

Acq: 17 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

DUP-01

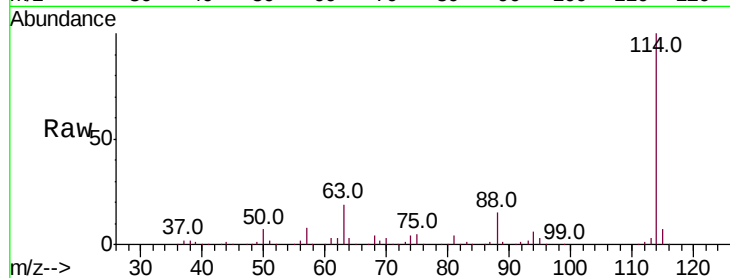
Tot Ion:114 Resp: 592627

Ion Ratio Lower Upper

114 100

63 18.7 0.0 38.2

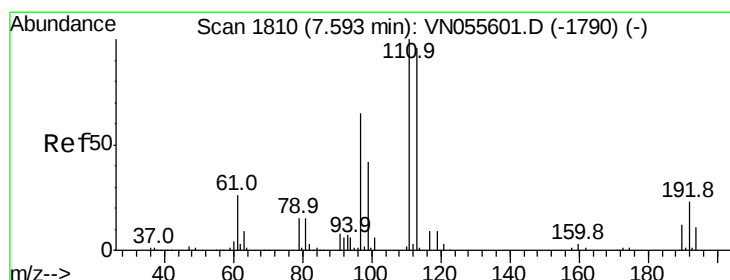
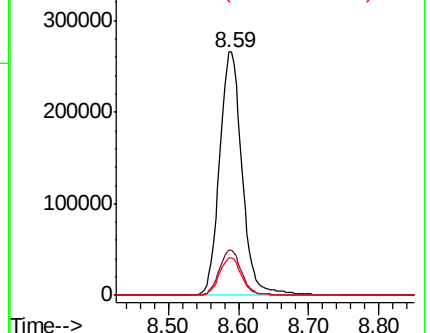
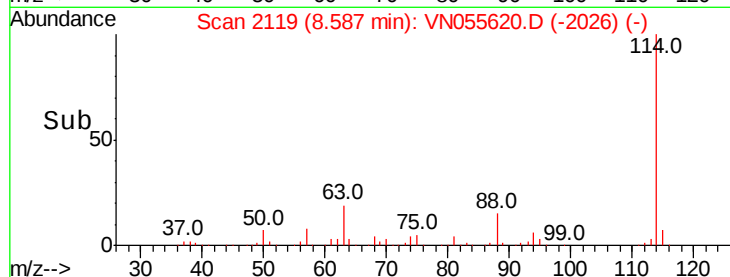
88 15.3 0.0 31.0



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: 48.044 ug/l

RT: 7.59 min Scan# 1810

Delta R.T. 0.00 min

Lab File: VN055620.D

Acq: 17 May 2019 19:07

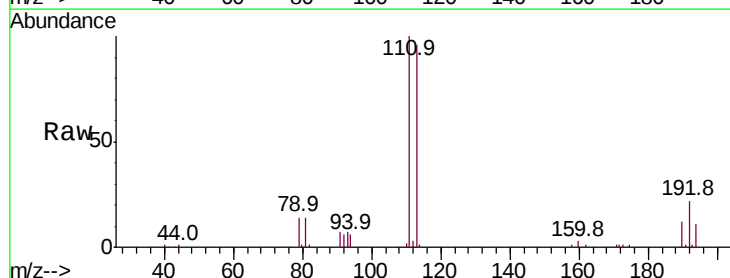
Tgt Ion:113 Resp: 180868

Ion Ratio Lower Upper

113 100

111 102.6 82.5 123.7

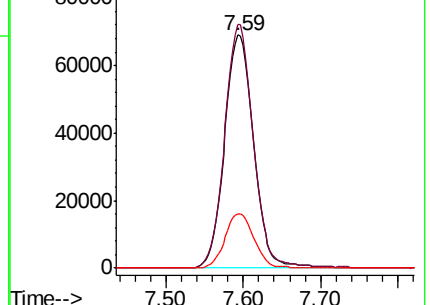
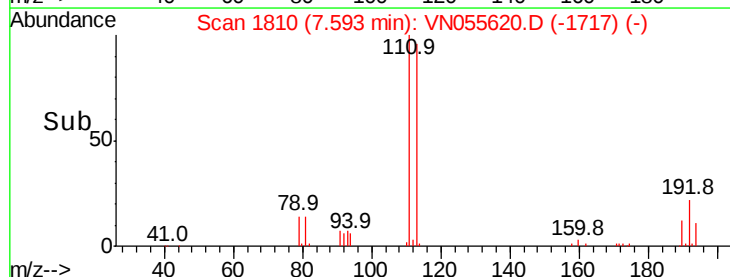
192 23.4 18.7 28.1

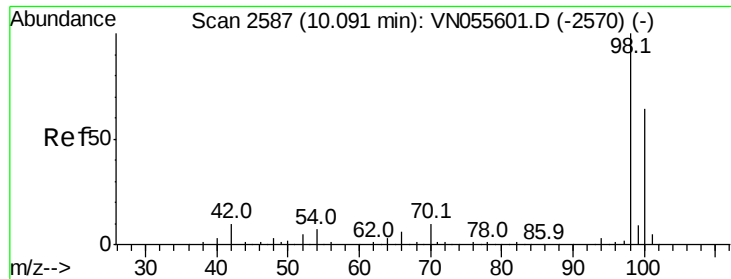


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.103 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055620.D

Acq: 17 May 2019 19:07

Instrument :

MSVOA_N

ClientSampleId :

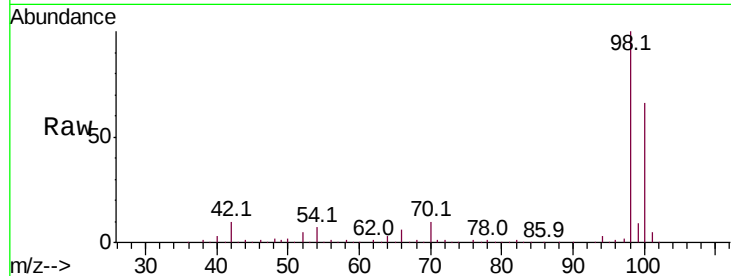
DUP-01

Tot Ion: 98 Resp: 684723

Ion Ratio Lower Upper

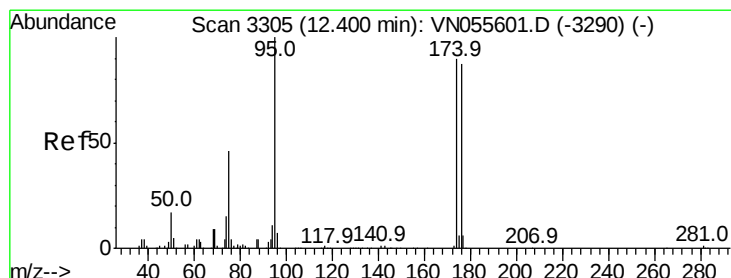
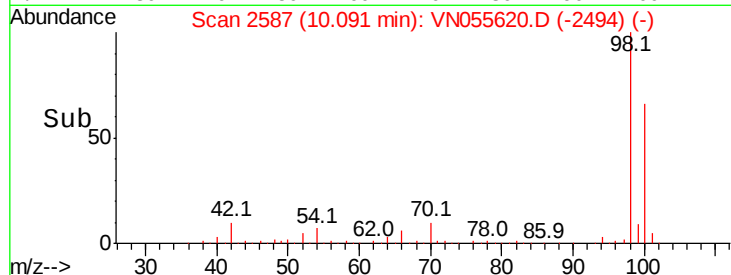
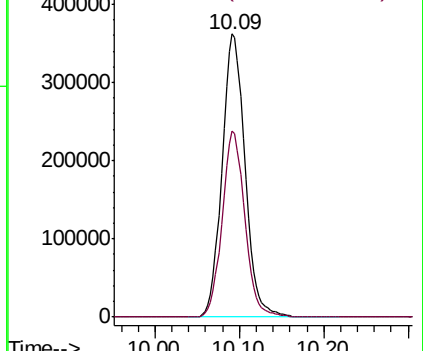
98 100

100 64.9 51.9 77.9



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 45.047 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN055620.D

Acq: 17 May 2019 19:07

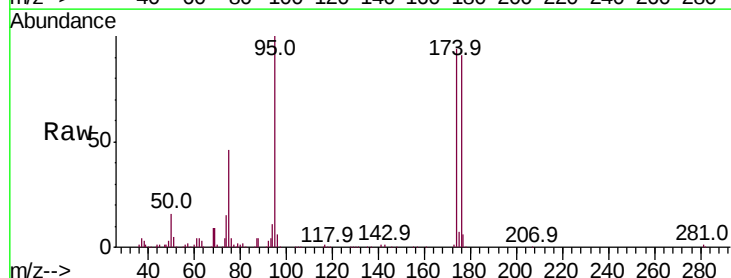
Tgt Ion: 95 Resp: 221422

Ion Ratio Lower Upper

95 100

174 91.9 0.0 180.6

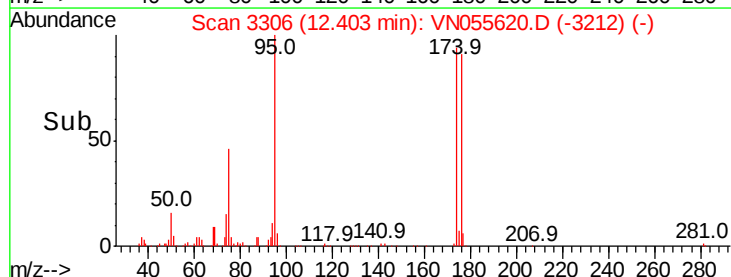
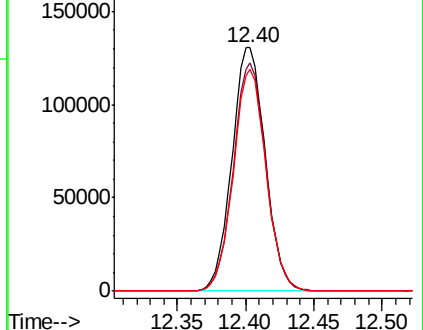
176 89.2 0.0 177.4

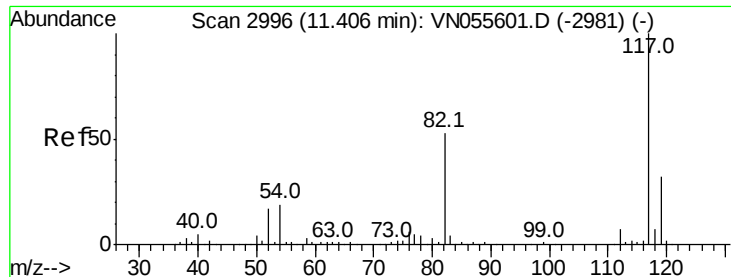


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

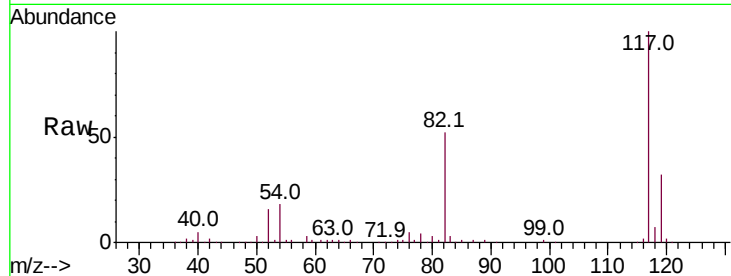




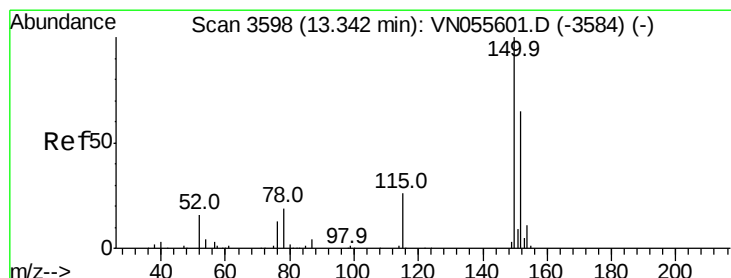
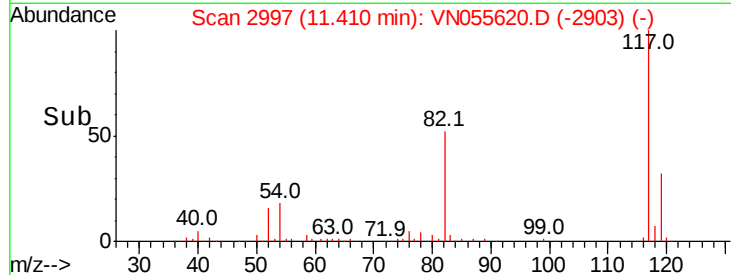
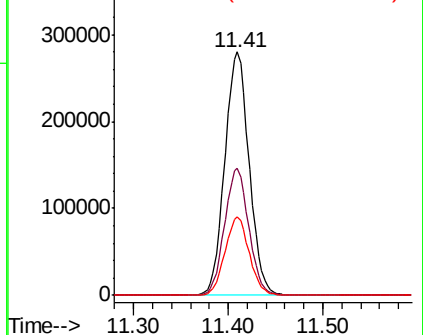
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN055620.D
Acq: 17 May 2019 19:07

Instrument :
MSVOA_N
ClientSampled :
DUP-01

Tot Ion:117 Resp: 500206
Ion Ratio Lower Upper
117 100
82 52.0 42.3 63.5
119 32.3 25.4 38.2

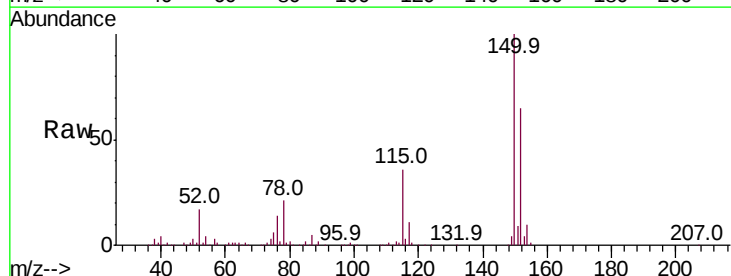


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.35 min Scan# 3599
Delta R.T. 0.00 min
Lab File: VN055620.D
Acq: 17 May 2019 19:07

Tgt Ion:152 Resp: 197399
Ion Ratio Lower Upper
152 100
115 55.7 28.1 84.2
150 155.9 0.0 348.0



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

