

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN020819\
 Data File : VN053675.D
 Acq On : 8 Feb 2019 12:16
 Operator : JC/SP
 Sample : VN0208MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208MBL01

Quant Time: Feb 09 02:47:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N013019W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 01 09:11:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	700578	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1149411	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	1033523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	401878	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	372283	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
35) Dibromofluoromethane	7.59	113	367929	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.09	98	1370631	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	
62) 4-Bromofluorobenzene	12.40	95	442780	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	

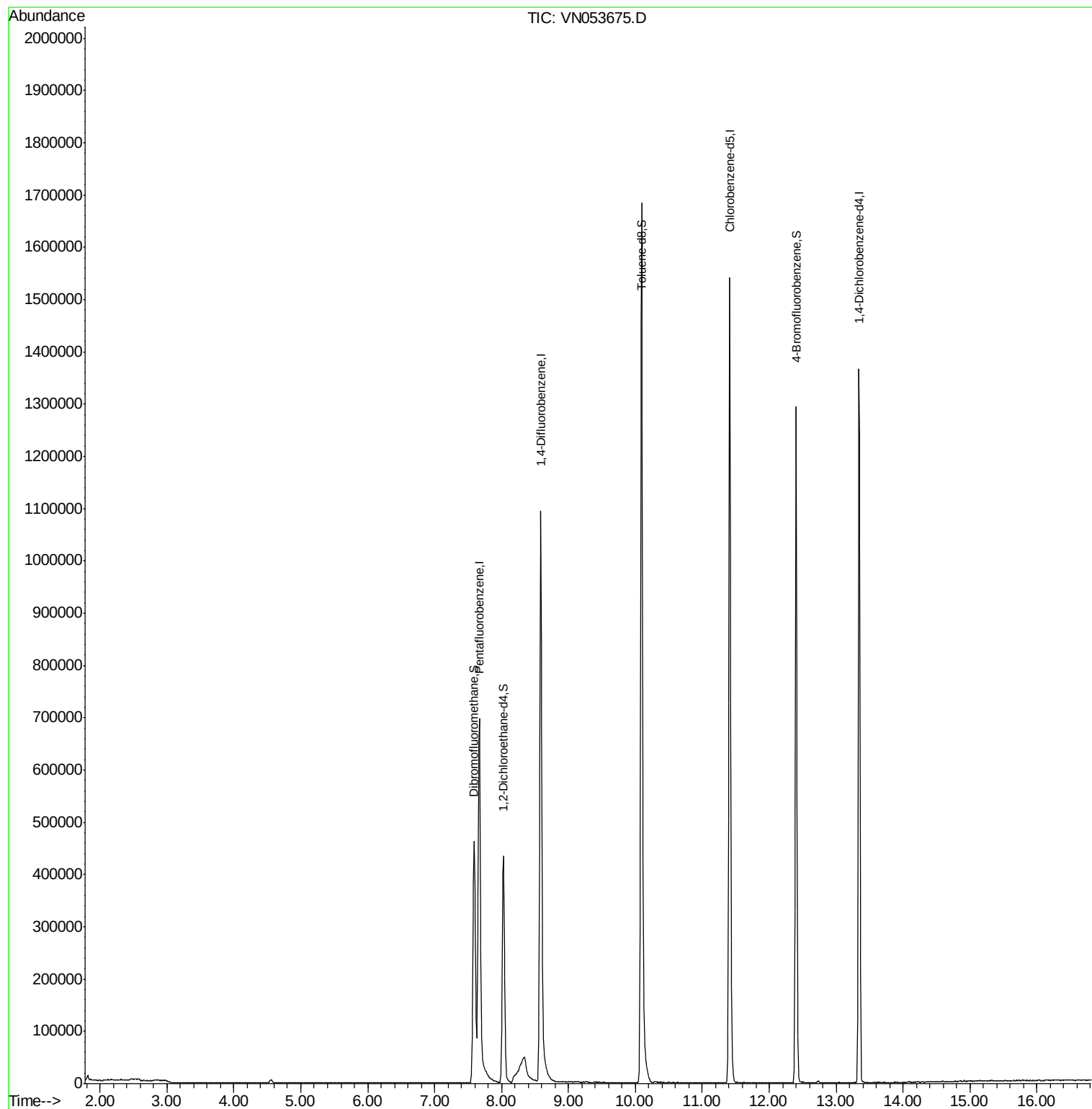
Target Compounds	Qvalue

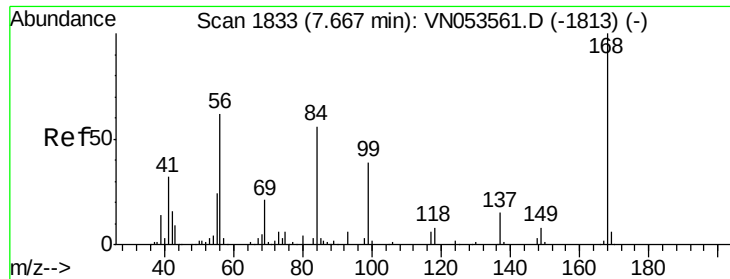
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1833

Delta R.T. 0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

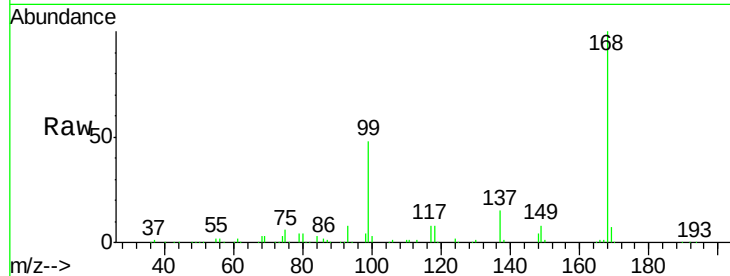
VN0208MBL01

Tot Ion:168 Resp: 700578

Ion Ratio Lower Upper

168 100

99 47.6 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

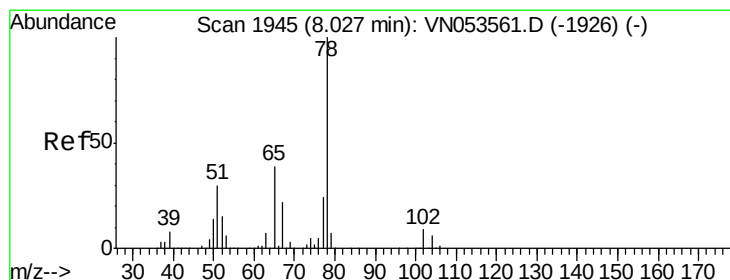
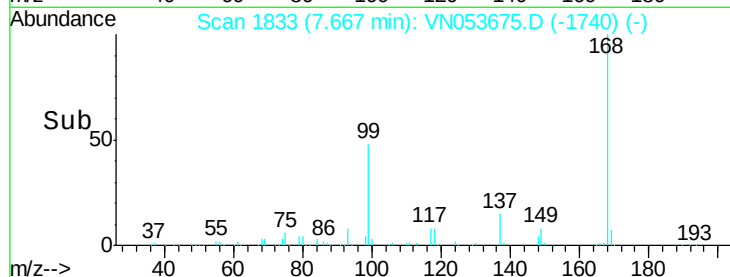
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 52.970 ug/l

RT: 8.03 min Scan# 1945

Delta R.T. 0.00 min

Lab File: VN053675.D

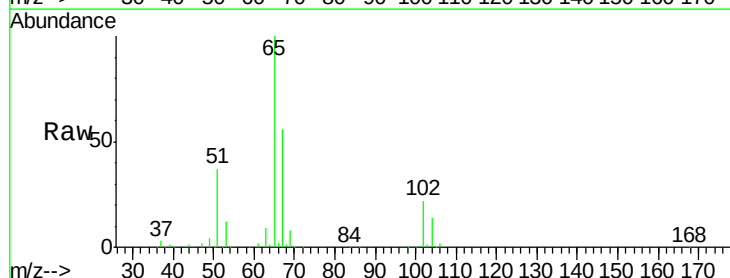
Acq: 8 Feb 2019 12:16

Tgt Ion: 65 Resp: 372283

Ion Ratio Lower Upper

65 100

67 55.1 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

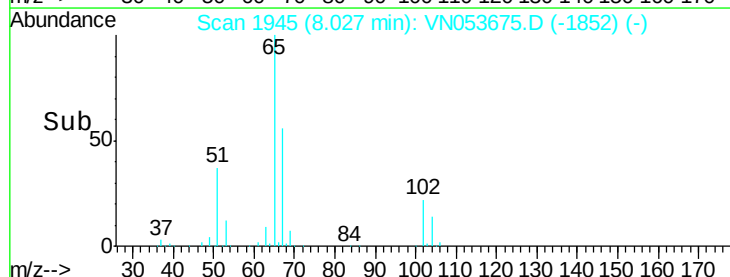
150000

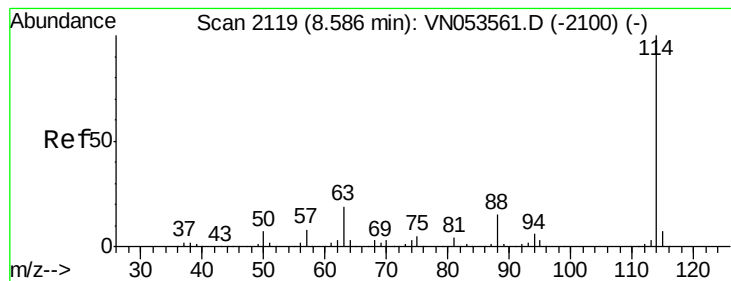
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

VN0208MBL01

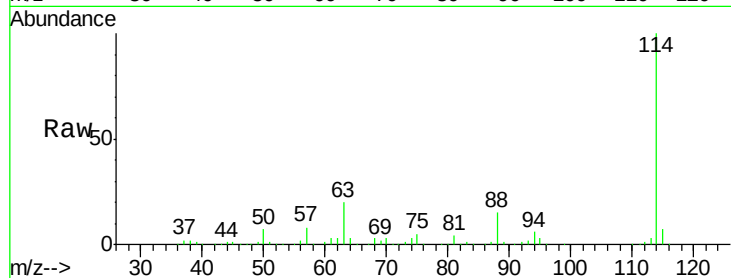
Tot Ion:114 Resp: 1149411

Ion Ratio Lower Upper

114 100

63 19.5 0.0 38.6

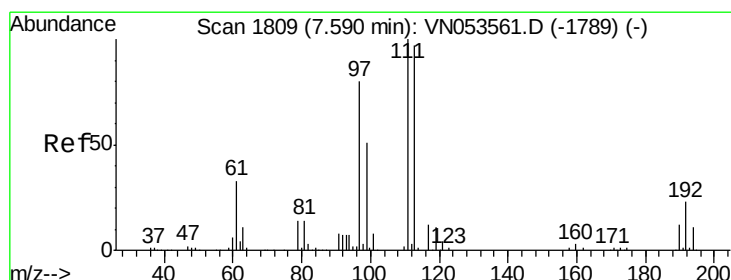
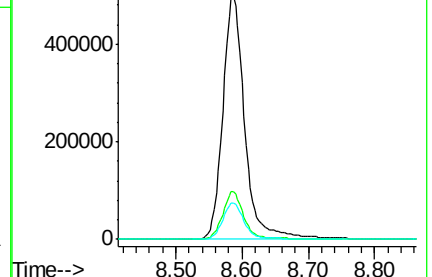
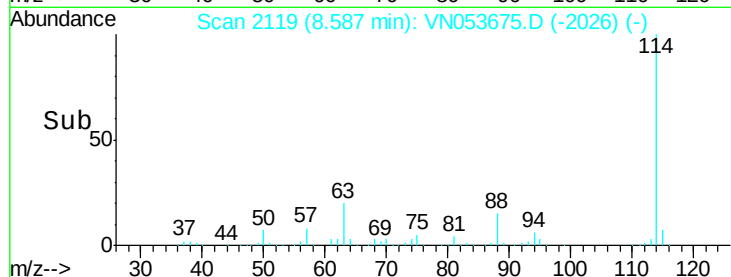
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 87.90 (87.60 to 88.60): VN0



#35

Dibromofluoromethane

Concen: 50.659 ug/l

RT: 7.59 min Scan# 1809

Delta R.T. 0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

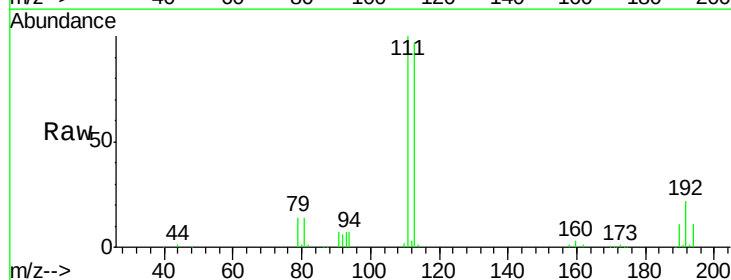
Tgt Ion:113 Resp: 367929

Ion Ratio Lower Upper

113 100

111 102.2 81.1 121.7

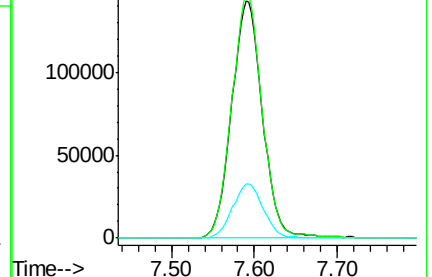
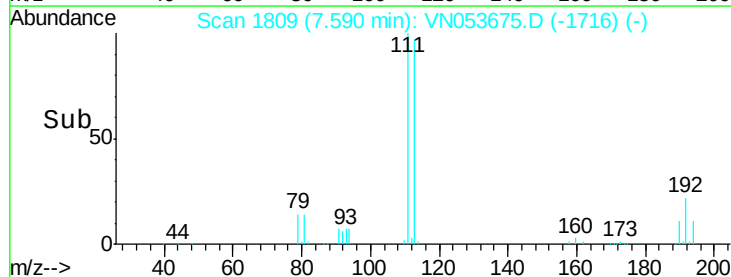
192 23.0 18.2 27.2

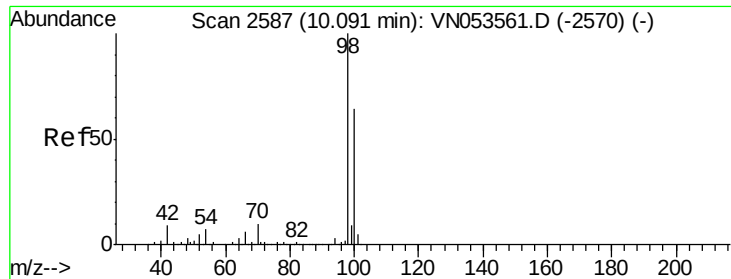


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.261 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

Instrument :

MSVOA_N

ClientSampleId :

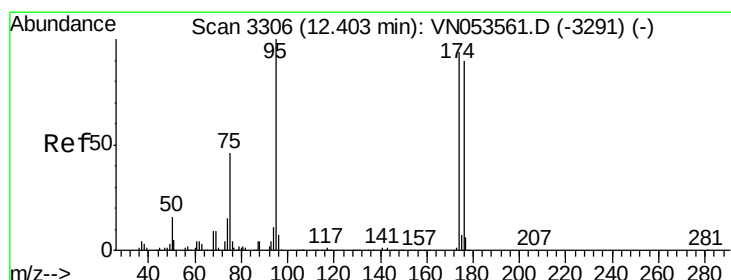
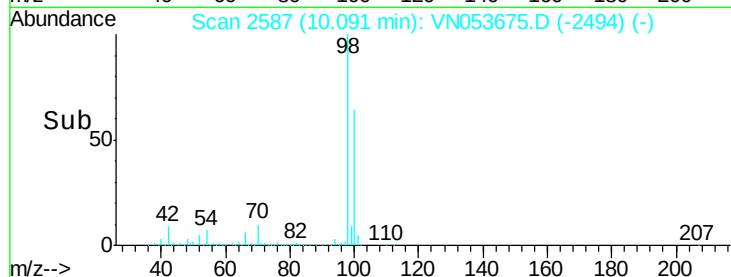
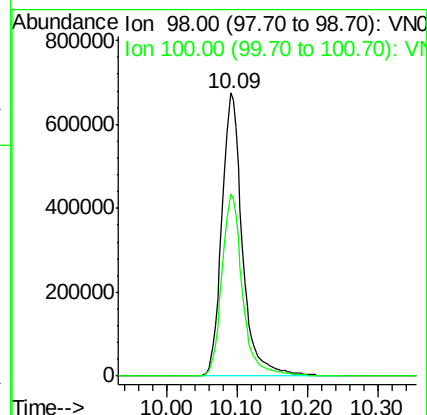
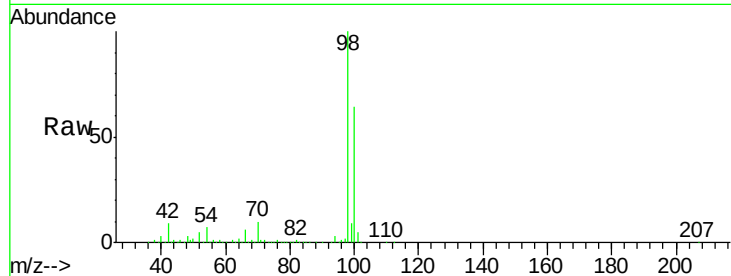
VN0208MBL01

Tot Ion: 98 Resp: 1370631

Ion Ratio Lower Upper

98 100

100 64.6 51.4 77.0



#62

4-Bromofluorobenzene

Concen: 48.683 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053675.D

Acq: 8 Feb 2019 12:16

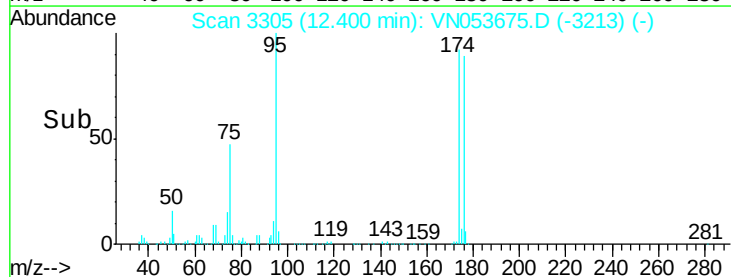
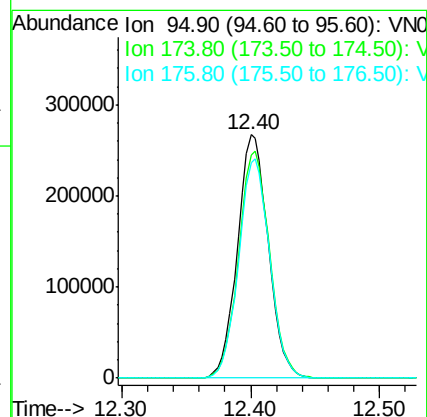
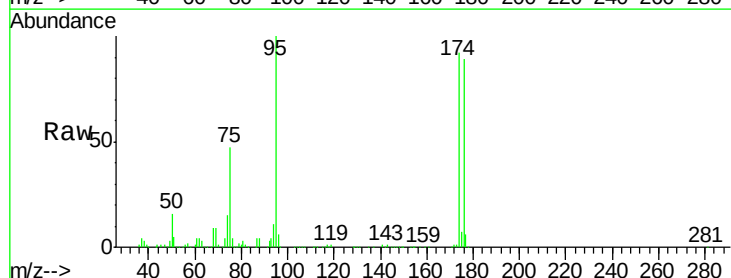
Tgt Ion: 95 Resp: 442780

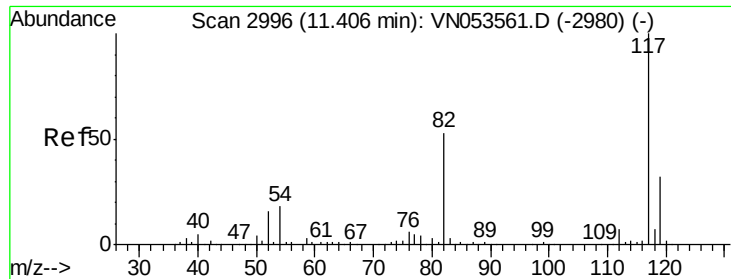
Ion Ratio Lower Upper

95 100

174 94.1 0.0 183.2

176 90.7 0.0 177.4

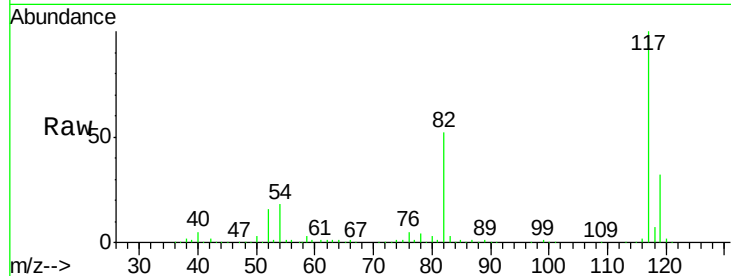




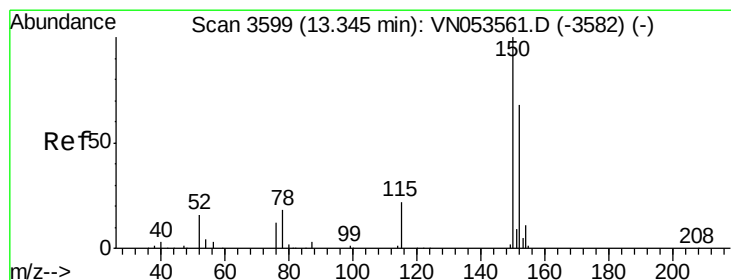
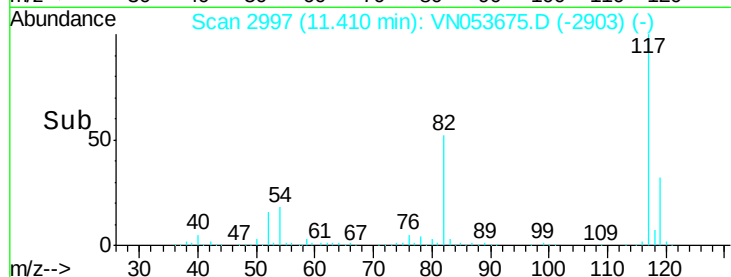
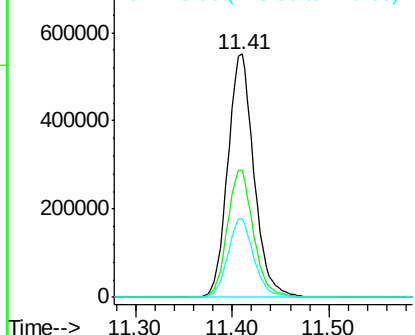
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

Instrument :
MSVOA_N
ClientSampleId :
VN0208MBL01

Tot Ion:117 Resp: 1033523
Ion Ratio Lower Upper
117 100
82 52.1 42.9 64.3
119 32.5 26.0 39.0

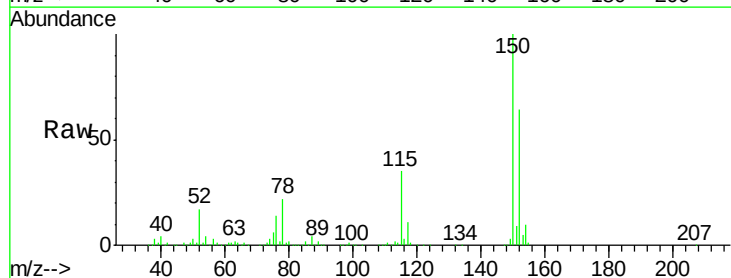


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053675.D
Acq: 8 Feb 2019 12:16

Tgt Ion:152 Resp: 401878
Ion Ratio Lower Upper
152 100
115 54.9 27.8 83.4
150 156.6 0.0 349.0



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

