

Data File : VN053674.D
Acq On : 8 Feb 2019 11:49
Operator : JC/SP
Sample : VN0208WBL01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0208WBL01

Quant Time: Feb 12 00:33:58 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	7.66	168	662523	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	1094940	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	997584	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	402018	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	354347	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
35) Dibromofluoromethane	7.59	113	349989	50.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.18%	
50) Toluene-d8	10.09	98	1311432	50.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.96%	
62) 4-Bromofluorobenzene	12.40	95	439067	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

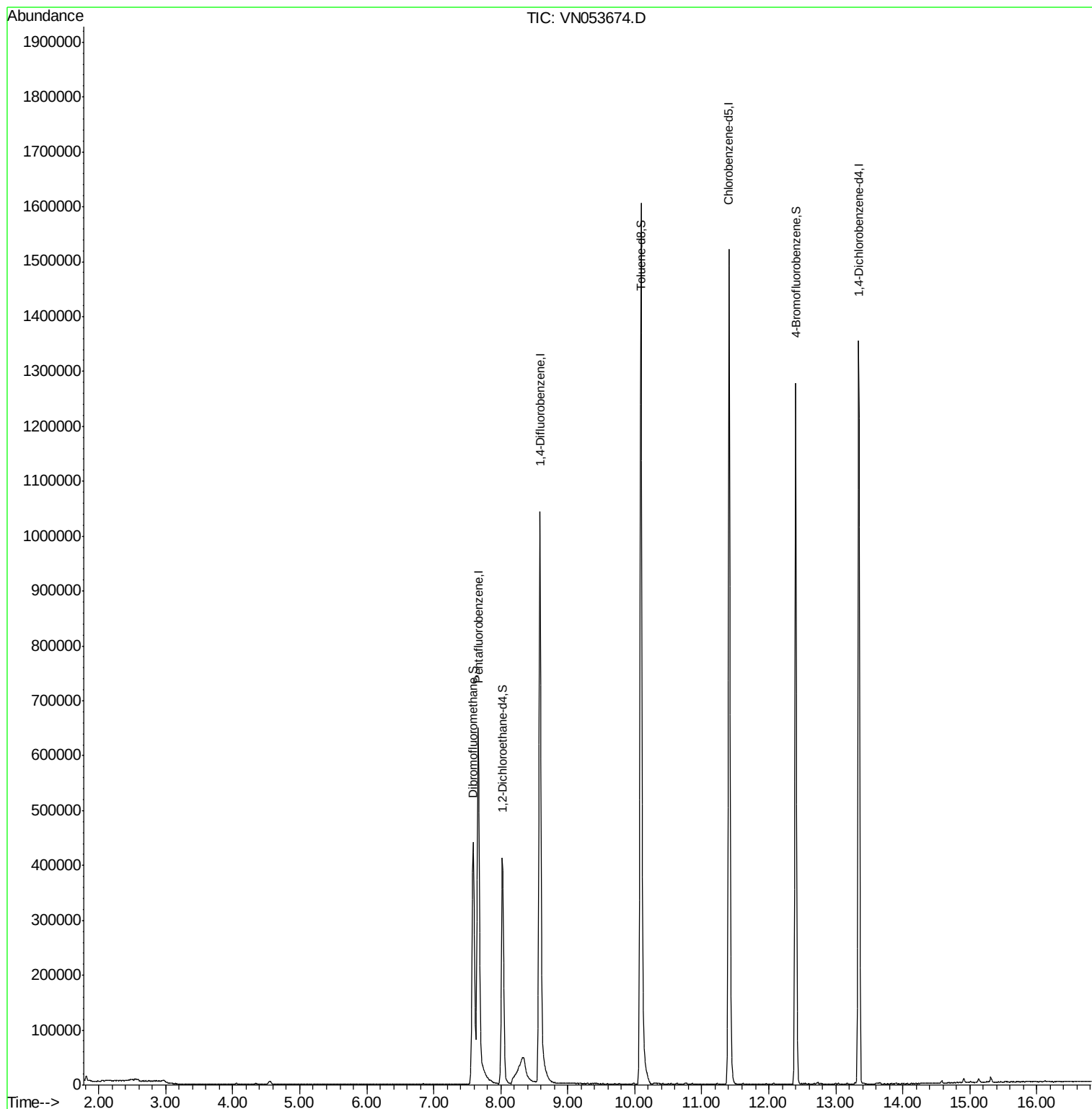
Target Compounds	Qvalue
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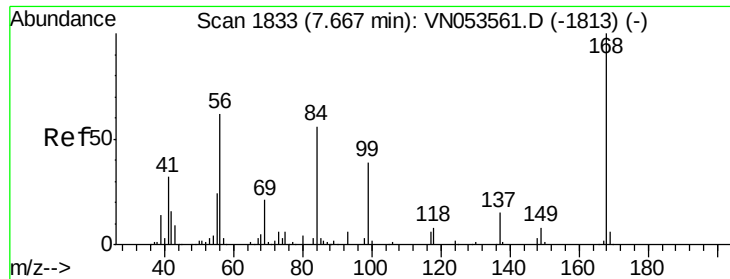
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

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ClientSampleId :

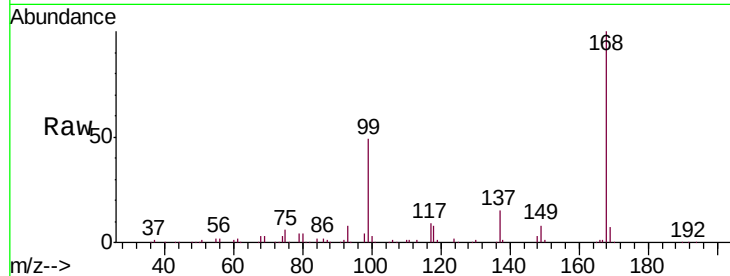
VN0208WBL01

Tgt Ion:168 Resp: 662523

Ion Ratio Lower Upper

168 100

99 48.7 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.66

250000

200000

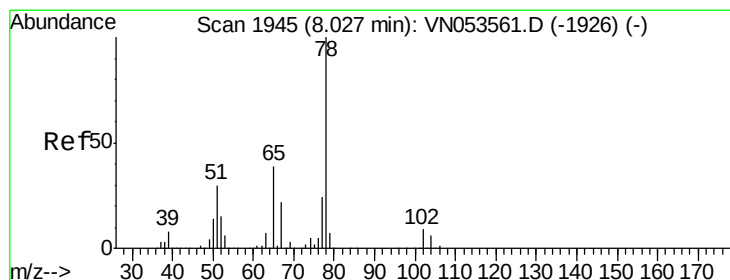
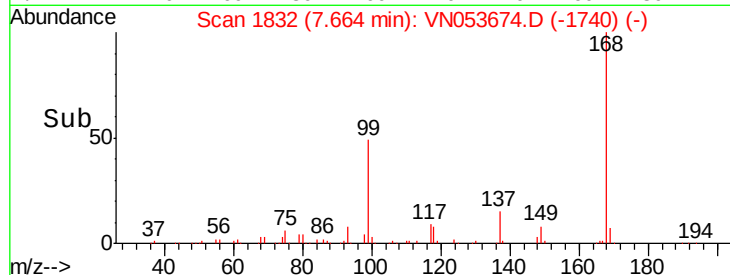
150000

100000

50000

0

Time--> 7.50 7.60 7.70 7.80 7.90



#33

1,2-Dichloroethane-d4

Concen: 53.314 ug/l

RT: 8.02 min Scan# 1944

Delta R.T. -0.00 min

Lab File: VN053674.D

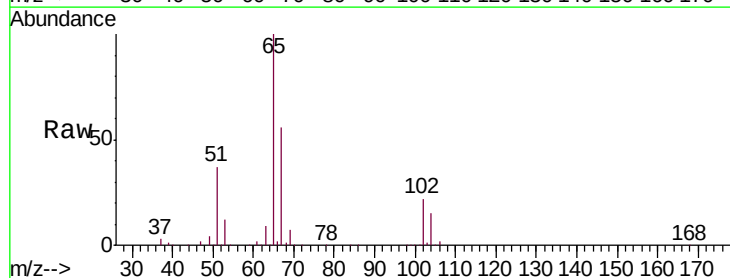
Acq: 8 Feb 2019 11:49

Tgt Ion: 65 Resp: 354347

Ion Ratio Lower Upper

65 100

67 54.8 0.0 111.2



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.02

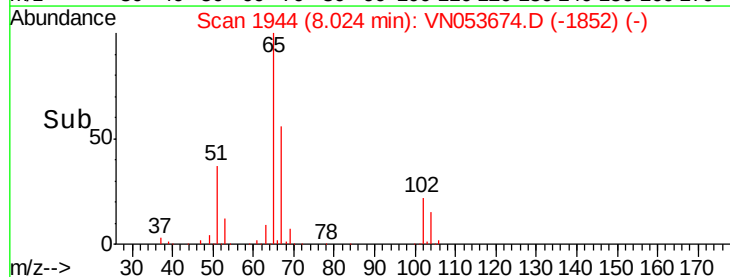
150000

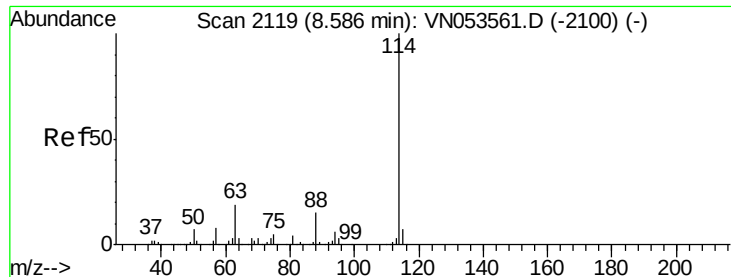
100000

50000

0

Time--> 7.90 8.00 8.10 8.20





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.58 min Scan# 2118

Delta R.T. -0.00 min

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Instrument :

MSVOA_N

ClientSampleId :

VN0208WBL01

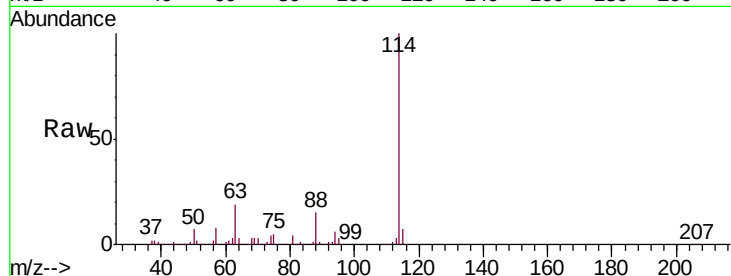
Tgt Ion:114 Resp: 1094940

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

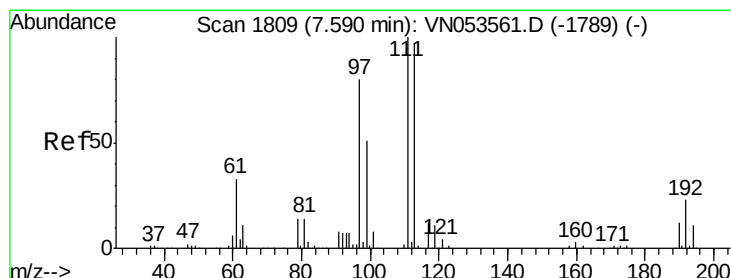
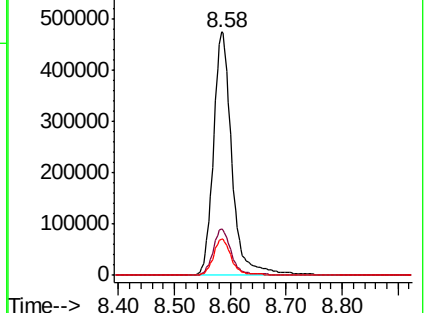
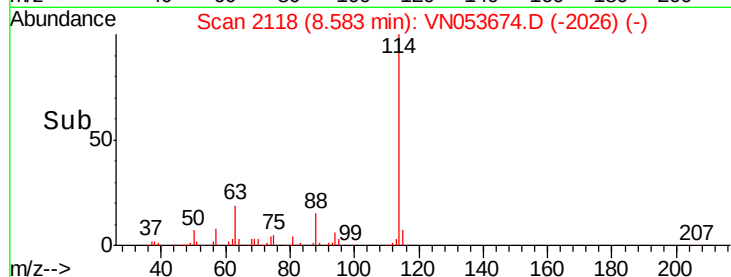
88 15.0 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VN

Ion 87.90 (87.60 to 88.60): VN



#35

Dibromofluoromethane

Concen: 50.587 ug/l

RT: 7.59 min Scan# 1808

Delta R.T. -0.00 min

Lab File: VN053674.D

Acq: 8 Feb 2019 11:49

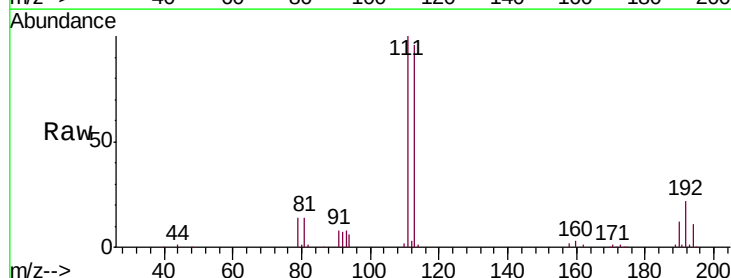
Tgt Ion:113 Resp: 349989

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

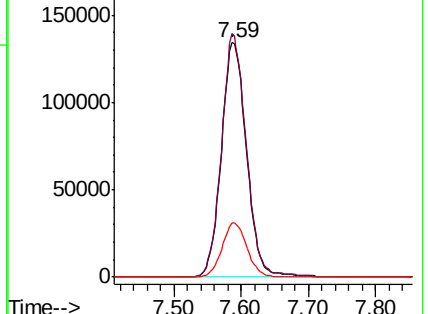
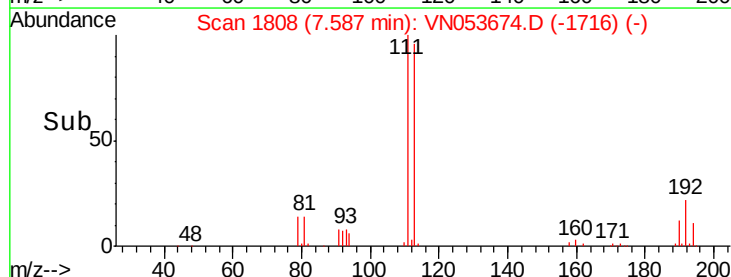
192 22.9 18.2 27.2

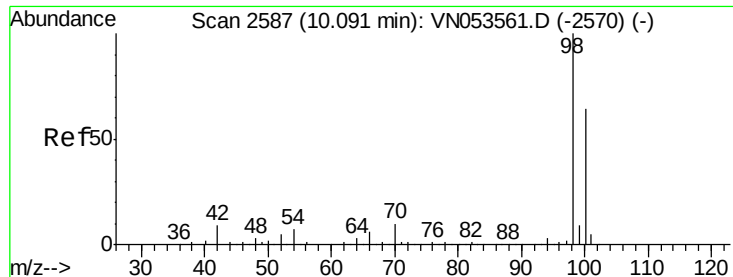


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.482 ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

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ClientSampleId :

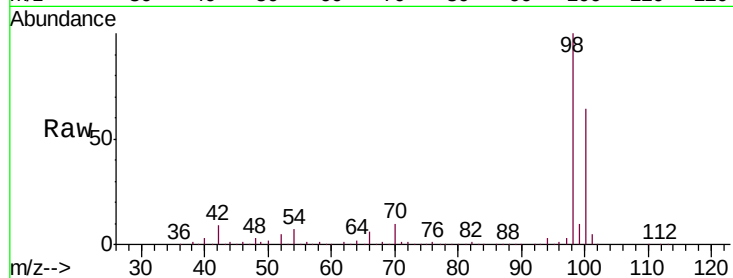
VN0208WBL01

Tgt Ion: 98 Resp: 1311432

Ion Ratio Lower Upper

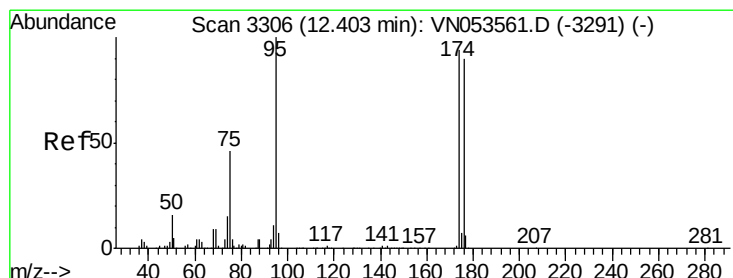
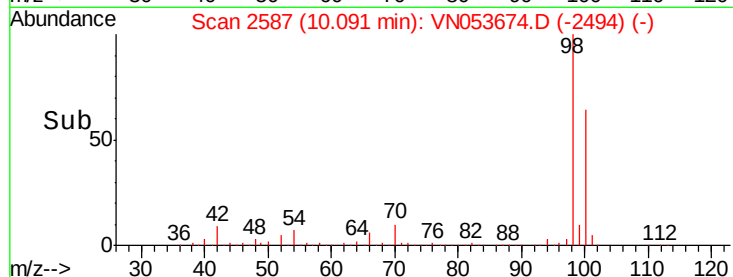
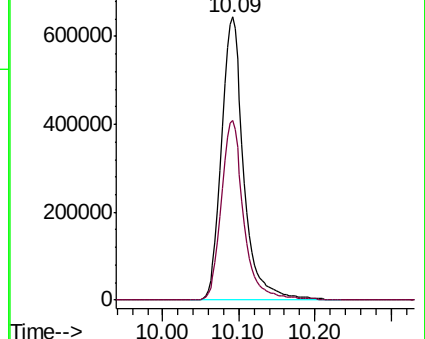
98 100

100 64.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 50.677 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN053674.D

Acq: 8 Feb 2019 11:49

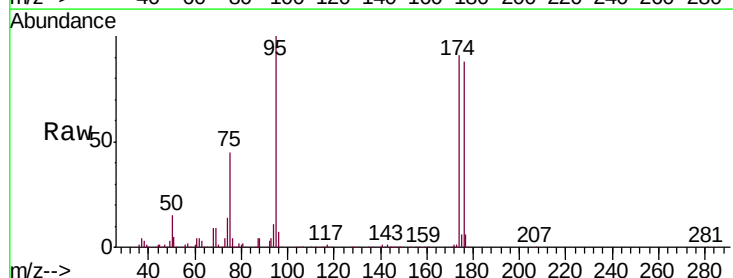
Tgt Ion: 95 Resp: 439067

Ion Ratio Lower Upper

95 100

174 93.6 0.0 183.2

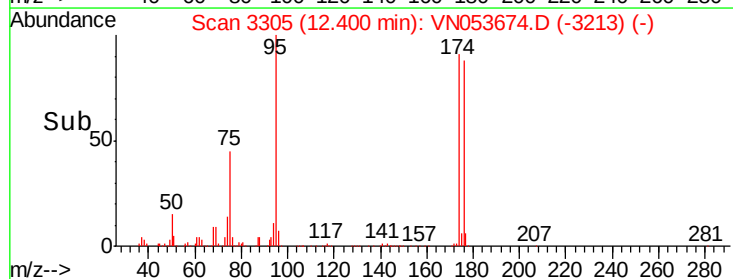
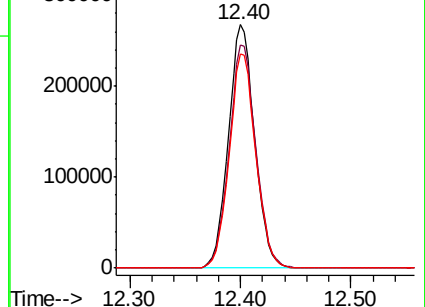
176 89.2 0.0 177.4

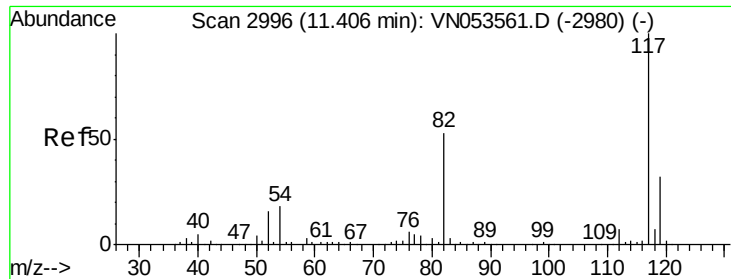


Abundance Ion 94.90 (94.60 to 95.60): VN0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

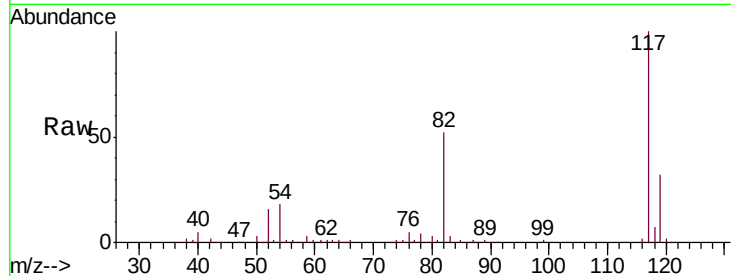




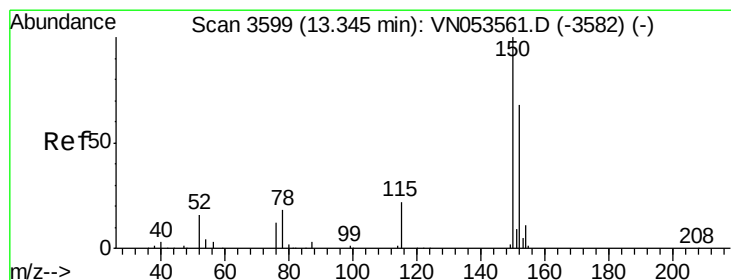
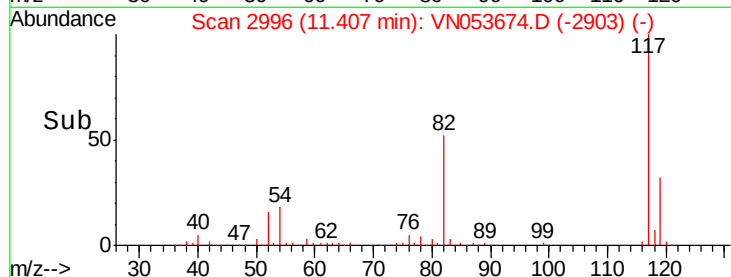
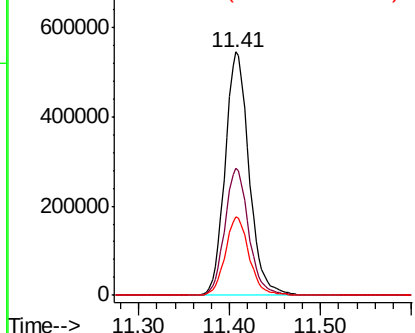
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN053674.D
Acq: 8 Feb 2019 11:49

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Tgt Ion:117 Resp: 997584
Ion Ratio Lower Upper
117 100
82 52.2 42.9 64.3
119 32.3 26.0 39.0

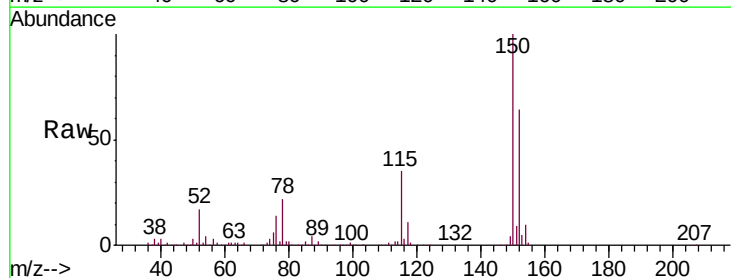


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN053674.D
Acq: 8 Feb 2019 11:49

Tgt Ion:152 Resp: 402018
Ion Ratio Lower Upper
152 100
115 54.3 27.8 83.4
150 157.5 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

