

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082118\
 Data File : VN050790.D
 Acq On : 21 Aug 2018 19:19
 Operator : MD\SY
 Sample : VN0821WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0821WBL02

Quant Time: Aug 22 06:59:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N082118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 22 05:38:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	619020	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	960612	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	848741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	267727	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.03	65	406818	54.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.18%	
35) Dibromofluoromethane	7.59	113	388476	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
50) Toluene-d8	10.09	98	1385947	48.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.02%	
62) 4-Bromofluorobenzene	12.40	95	358548	37.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.52%	

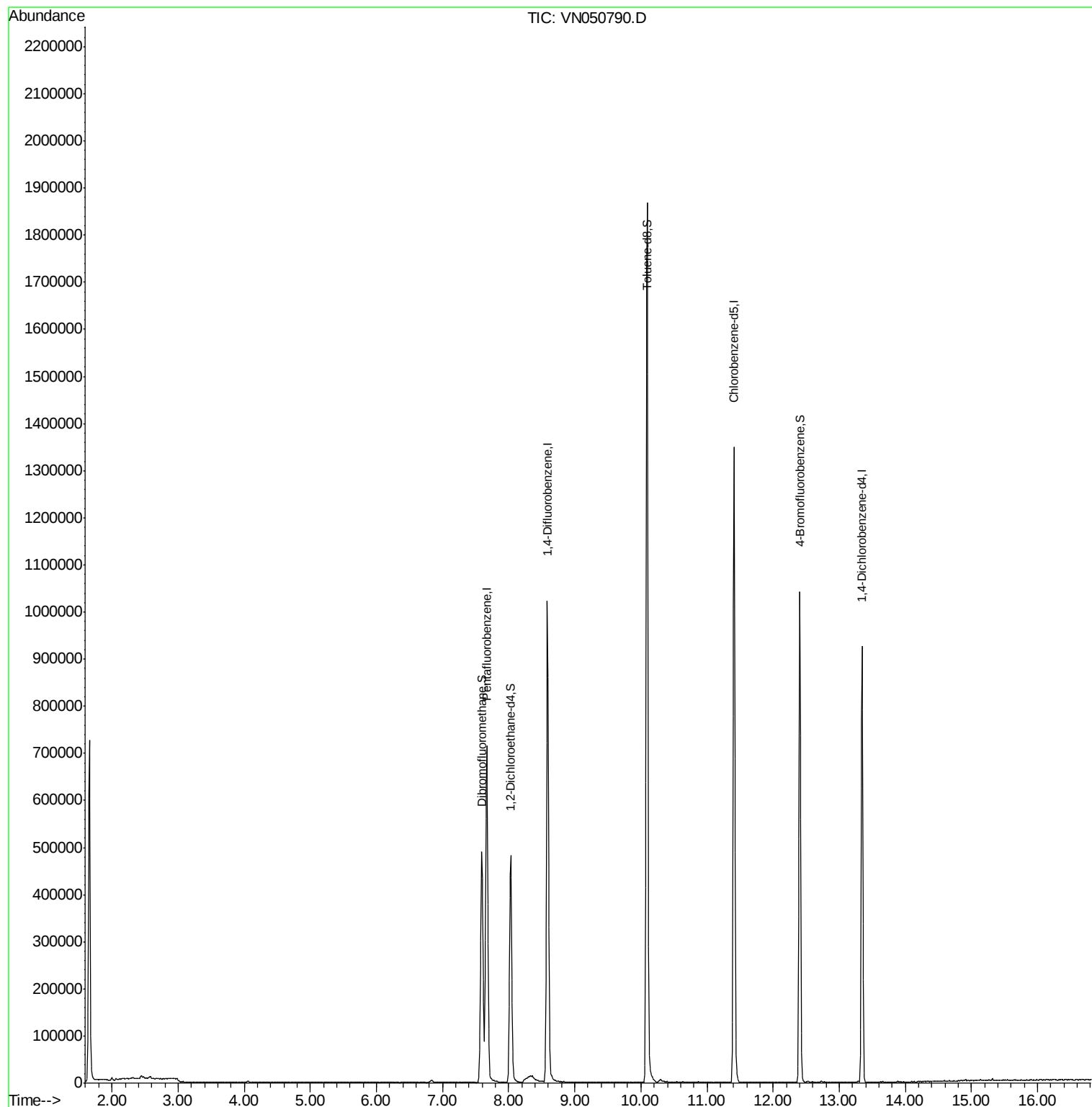
Target Compounds	Qvalue

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.67 min Scan# 1891

Delta R.T. 0.00 min

Lab File: VN050790.D

Acq: 21 Aug 2018 19:19

Instrument :

MSVOA_N

ClientSampleId :

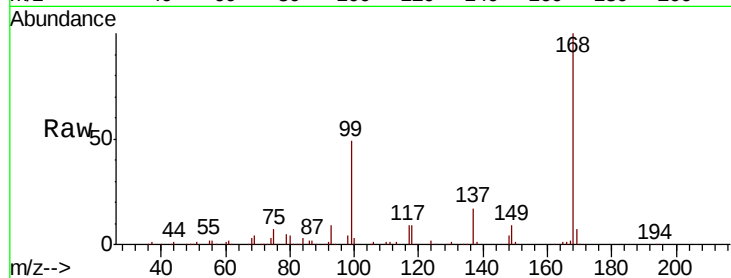
VN0821WBL02

Tot Ion:168 Resp: 619020

Ion Ratio Lower Upper

168 100

99 49.3 39.6 59.4



Abundance Ion 167.90 (167.60 to 168.60): VN0

Ion 98.90 (98.60 to 99.60): VN0

7.67

250000

200000

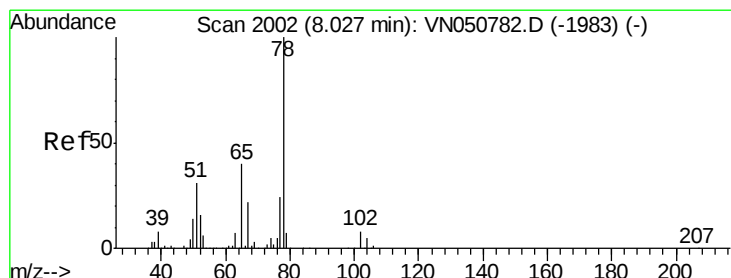
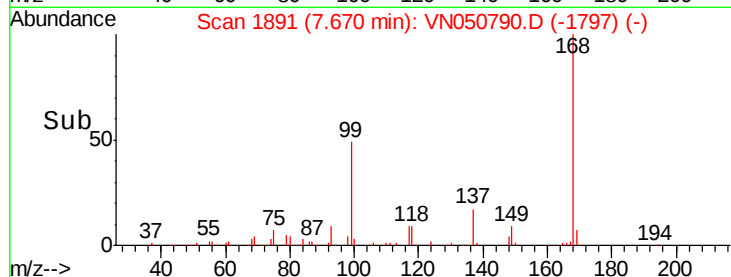
150000

100000

50000

0

Time--> 7.55 7.60 7.65 7.70 7.75



#33

1,2-Dichloroethane-d4

Concen: 54.59 ug/l

RT: 8.03 min Scan# 2003

Delta R.T. 0.00 min

Lab File: VN050790.D

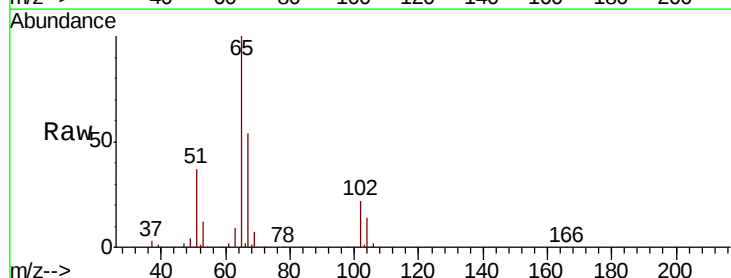
Acq: 21 Aug 2018 19:19

Tgt Ion: 65 Resp: 406818

Ion Ratio Lower Upper

65 100

67 54.6 0.0 110.4



Abundance Ion 64.90 (64.60 to 65.60): VN0

Ion 66.90 (66.60 to 67.60): VN0

8.03

200000

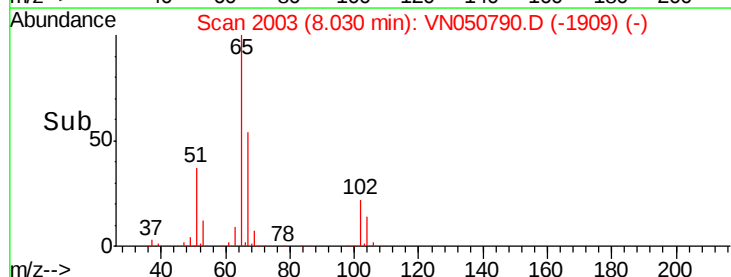
150000

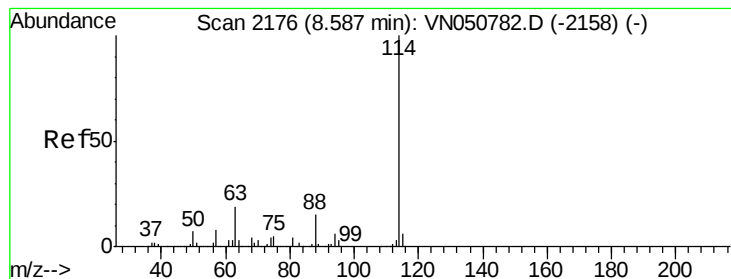
100000

50000

0

Time--> 7.90 8.00 8.10





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.59 min Scan# 2177

Delta R.T. 0.00 min

Lab File: VN050790.D

Acq: 21 Aug 2018 19:19

Instrument :

MSVOA_N

ClientSampleId :

VN0821WBL02

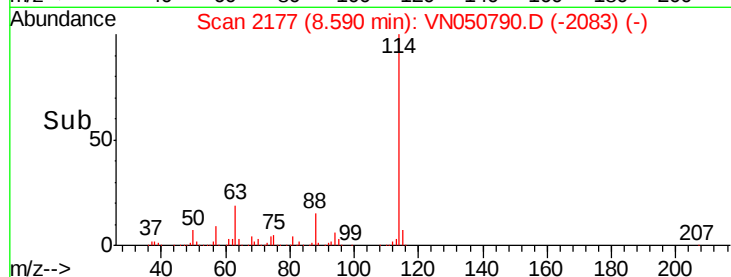
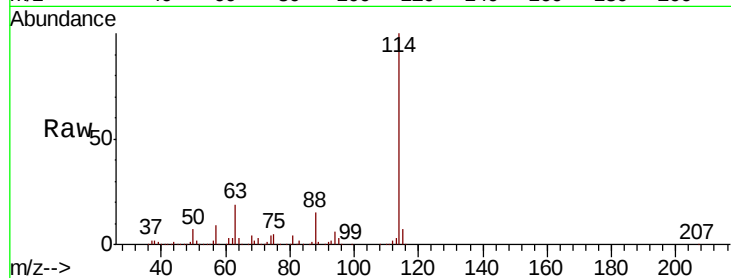
Tot Ion:114 Resp: 960612

Ion Ratio Lower Upper

114 100

63 19.2 0.0 38.6

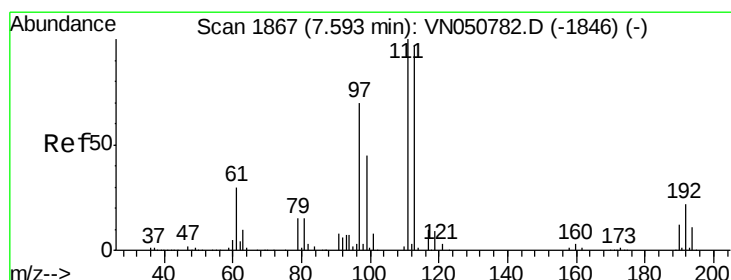
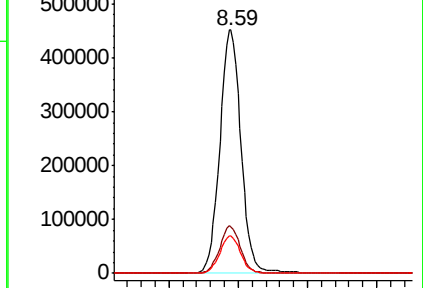
88 15.5 0.0 30.6



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: 50.83 ug/l

RT: 7.59 min Scan# 1867

Delta R.T. -0.00 min

Lab File: VN050790.D

Acq: 21 Aug 2018 19:19

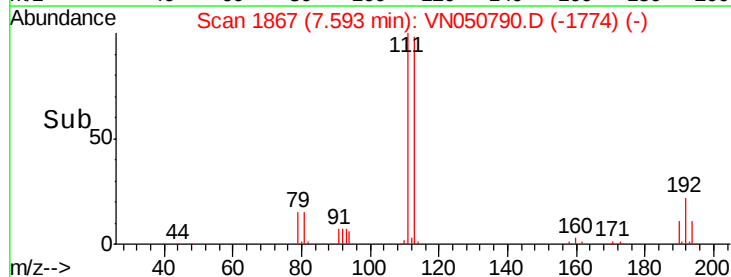
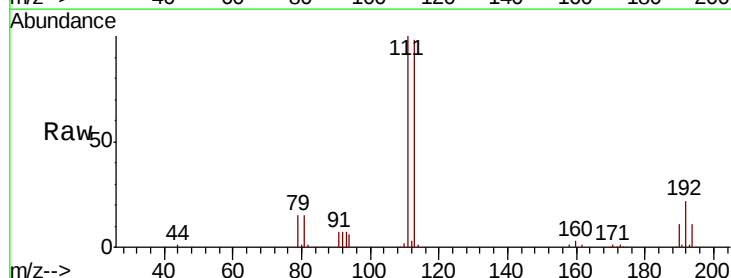
Tgt Ion:113 Resp: 388476

Ion Ratio Lower Upper

113 100

111 101.7 82.6 123.8

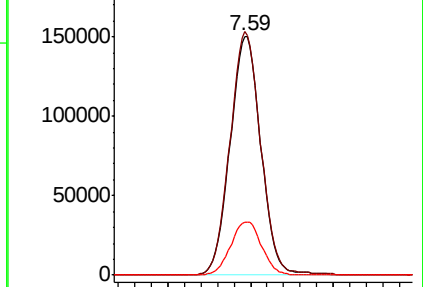
192 22.7 18.0 27.0

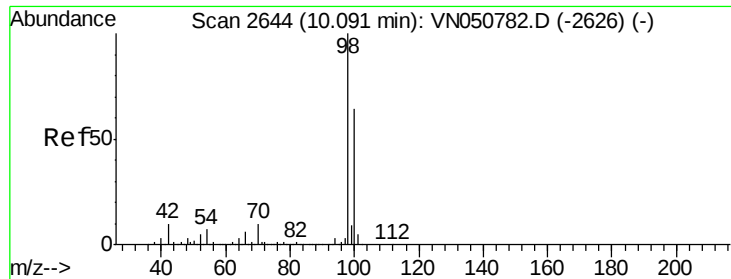


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 48.51 ug/l

RT: 10.09 min Scan# 2645

Delta R.T. 0.00 min

Lab File: VN050790.D

Acq: 21 Aug 2018 19:19

Instrument :

MSVOA_N

ClientSampleId :

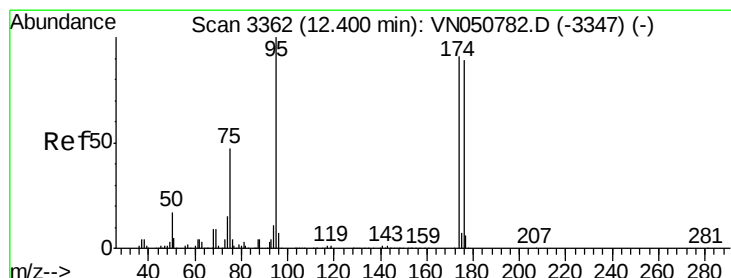
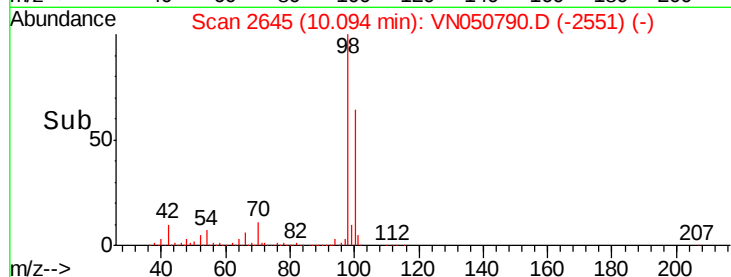
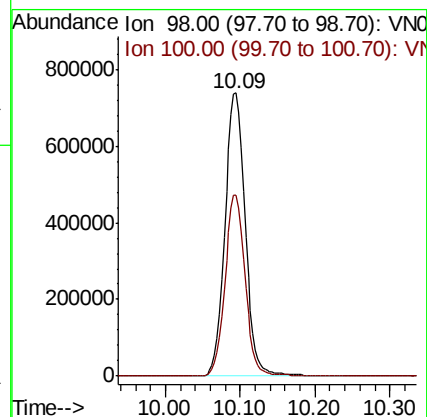
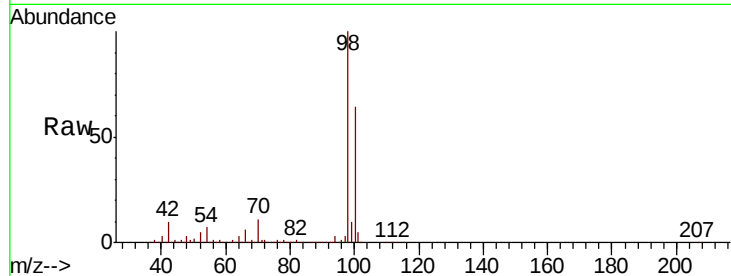
VN0821WBL02

Tot Ion: 98 Resp: 1385947

Ion Ratio Lower Upper

98 100

100 63.3 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 37.76 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN050790.D

Acq: 21 Aug 2018 19:19

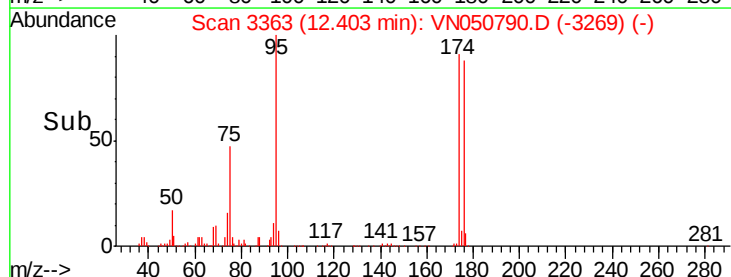
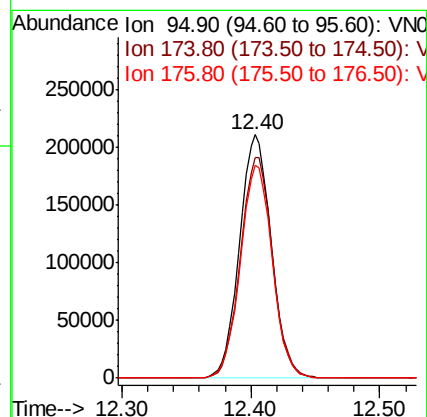
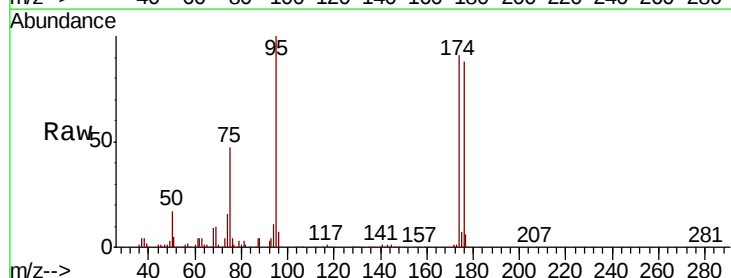
Tgt Ion: 95 Resp: 358548

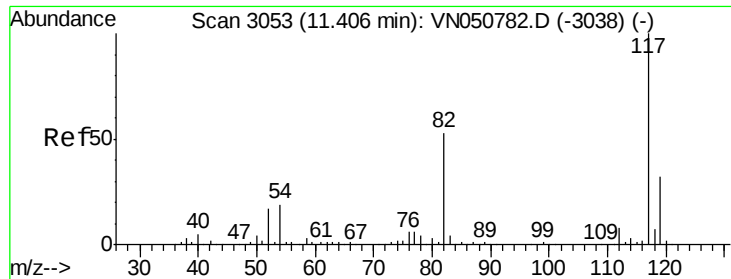
Ion Ratio Lower Upper

95 100

174 92.2 0.0 183.0

176 88.4 0.0 178.8

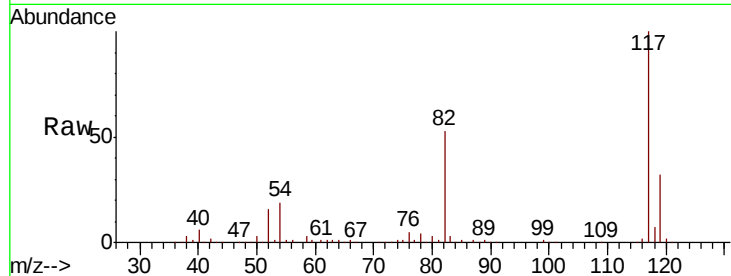




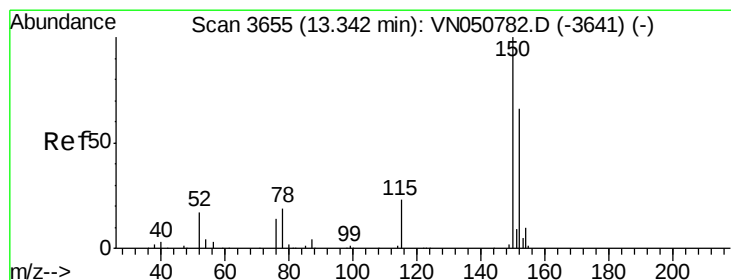
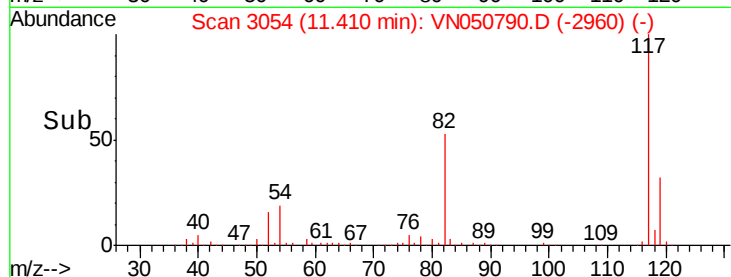
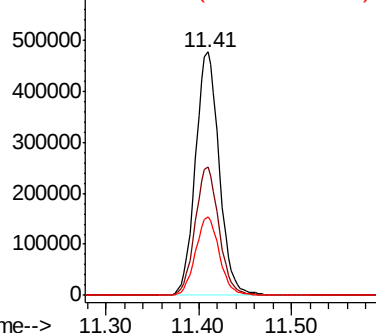
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.41 min Scan# 3054
Delta R.T. 0.00 min
Lab File: VN050790.D
Acq: 21 Aug 2018 19:19

Instrument :
MSVOA_N
ClientSampleId :
VN0821WBL02

Tot Ion:117 Resp: 848741
Ion Ratio Lower Upper
117 100
82 52.5 42.6 64.0
119 32.4 25.8 38.6

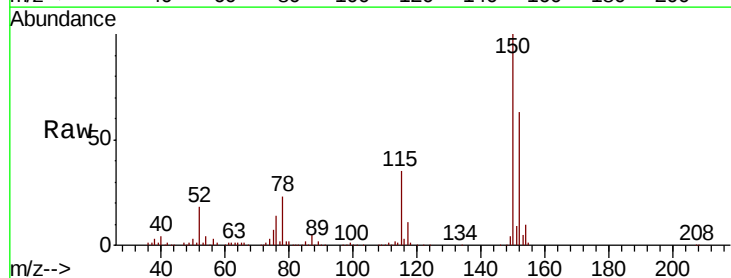


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.35 min Scan# 3656
Delta R.T. 0.00 min
Lab File: VN050790.D
Acq: 21 Aug 2018 19:19

Tgt Ion:152 Resp: 267727
Ion Ratio Lower Upper
152 100
115 56.5 27.8 83.4
150 158.5 0.0 351.4



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

