

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080919\
 Data File : VN057137.D
 Acq On : 9 Aug 2019 11:23
 Operator : JC/SP
 Sample : VN0809WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0809WBL02

Quant Time: Aug 12 08:55:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080719W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:49:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	1457584	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.01	114	2022397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.91	117	1652631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.87	152	393080	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.44	65	662618	44.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.40%	
35) Dibromofluoromethane	6.99	113	616662	48.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.18%	
50) Toluene-d8	9.56	98	2339946	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.92	95	587656	37.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	75.12%	

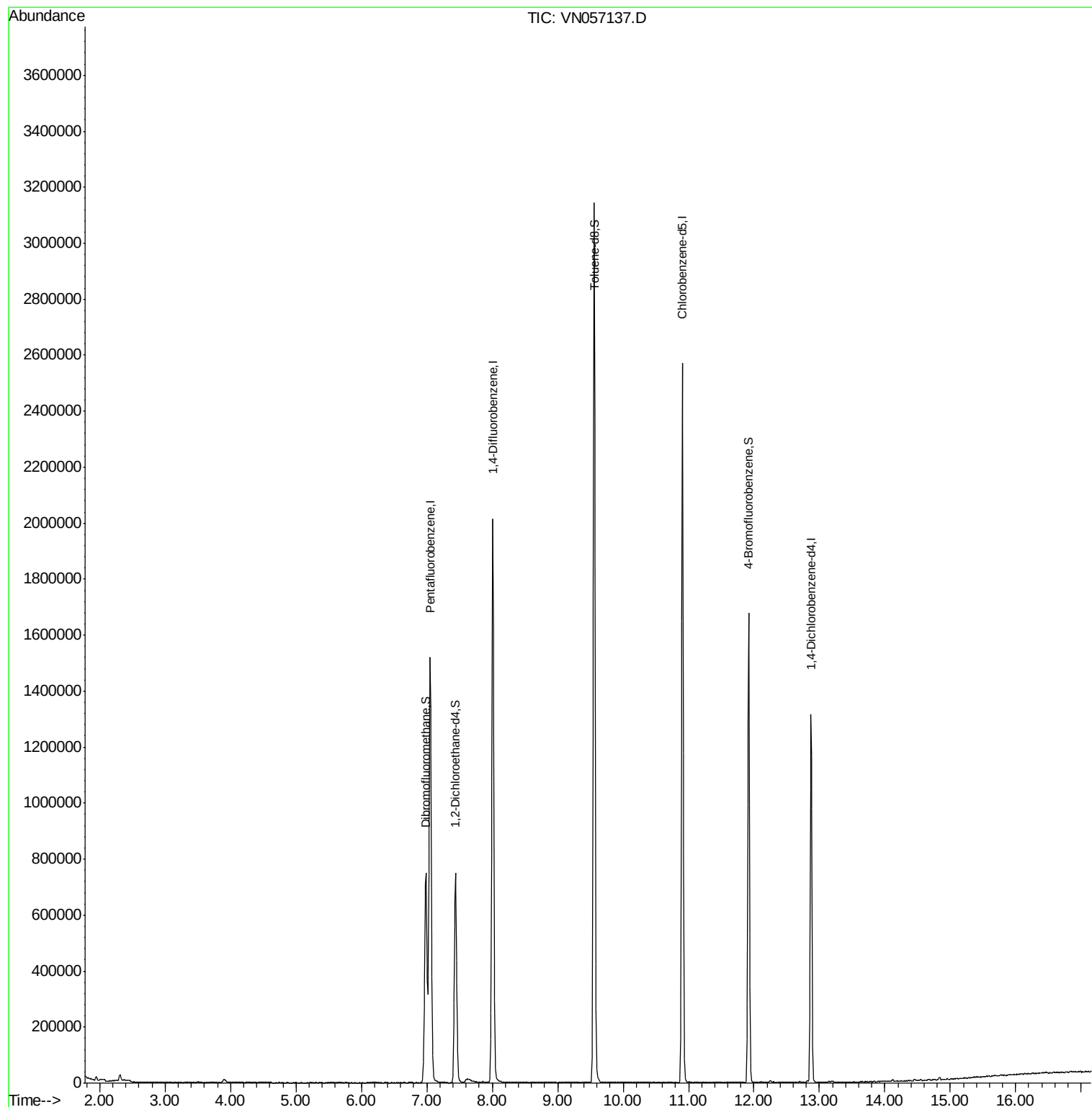
Target Compounds	Qvalue

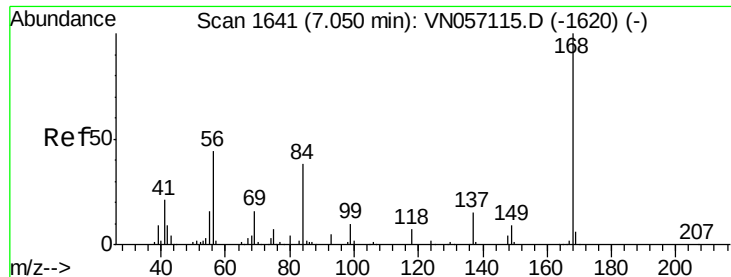
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 08 06:49:25 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 1641

Delta R.T. -0.00 min

Lab File: VN057137.D

Acq: 9 Aug 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

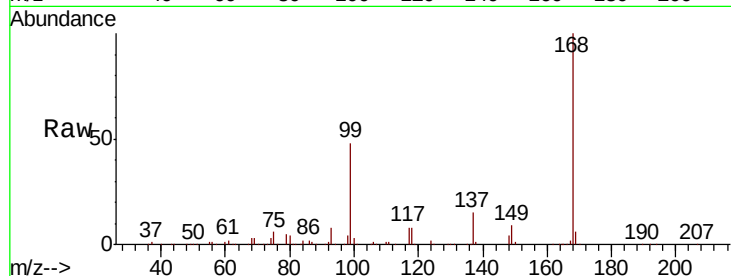
VN0809WBL02

Tot Ion:168 Resp: 1457584

Ion Ratio Lower Upper

168 100

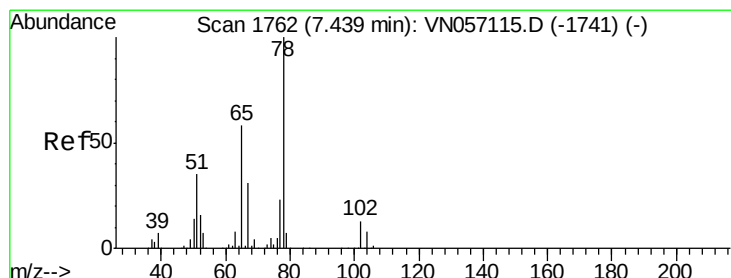
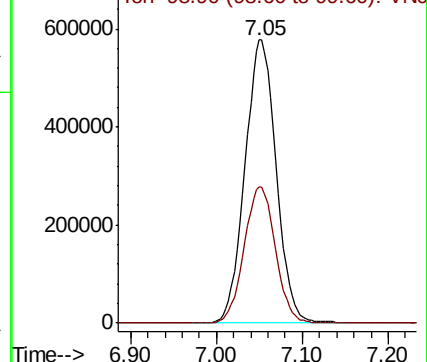
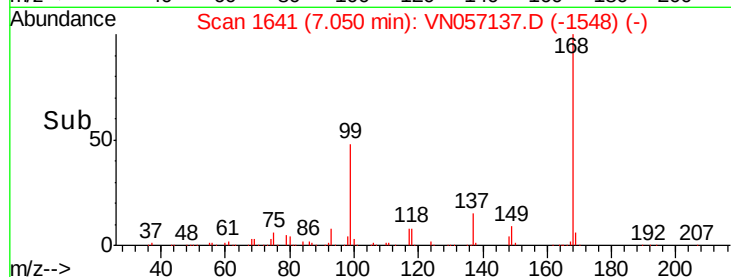
99 48.3 38.6 57.8



Abundance Ion 167.90 (167.60 to 168.60): VN057137.D (-1620) (-)

Ion 98.90 (98.60 to 99.60): VN057137.D (-1620) (-)

7.05



#33

1,2-Dichloroethane-d4

Concen: 44.203 ug/l

RT: 7.44 min Scan# 1762

Delta R.T. -0.00 min

Lab File: VN057137.D

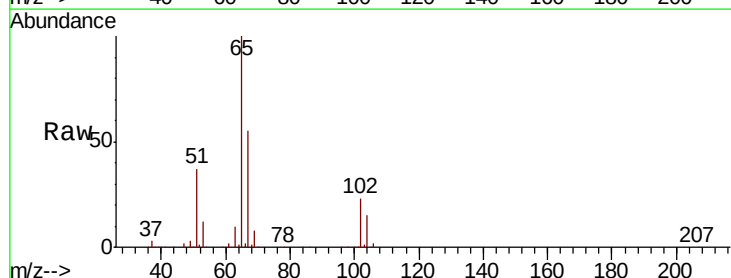
Acq: 9 Aug 2019 11:23

Tgt Ion: 65 Resp: 662618

Ion Ratio Lower Upper

65 100

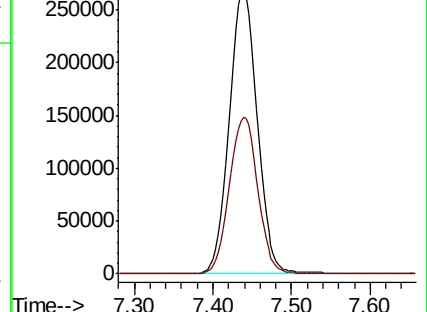
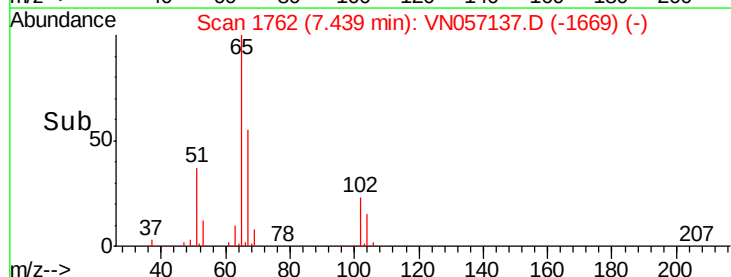
67 55.9 0.0 108.2

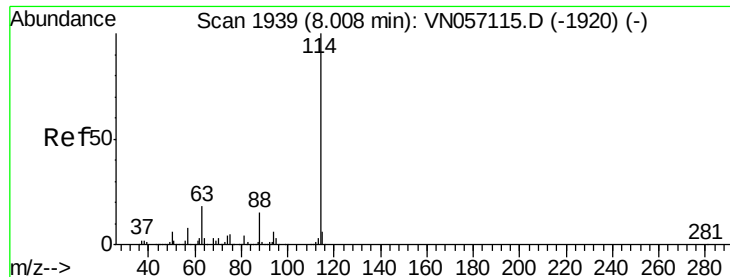


Abundance Ion 64.90 (64.60 to 65.60): VN057137.D (-1669) (-)

Ion 66.90 (66.60 to 67.60): VN057137.D (-1669) (-)

7.44





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.01 min Scan# 1939

Delta R.T. -0.00 min

Lab File: VN057137.D

Acq: 9 Aug 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL02

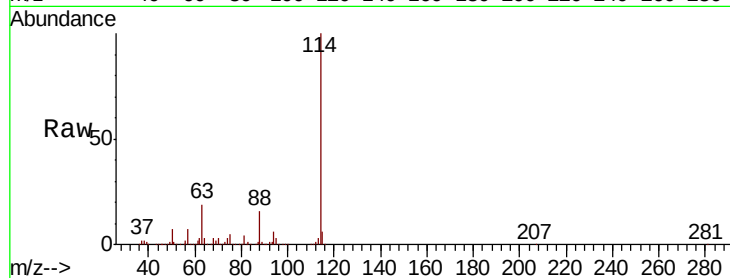
Tot Ion:114 Resp: 2022397

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.2

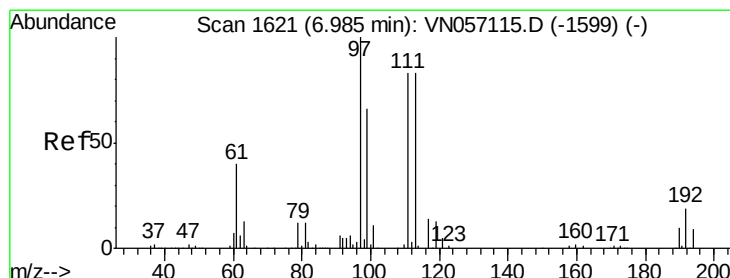
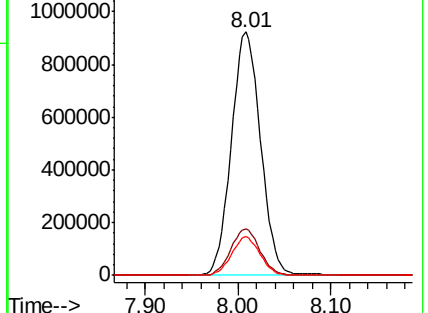
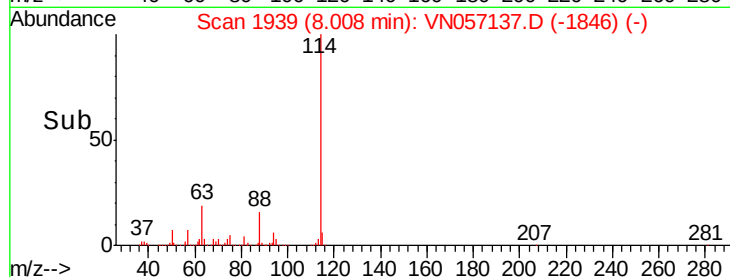
88 15.7 0.0 30.0



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: 48.591 ug/l

RT: 6.99 min Scan# 1621

Delta R.T. -0.00 min

Lab File: VN057137.D

Acq: 9 Aug 2019 11:23

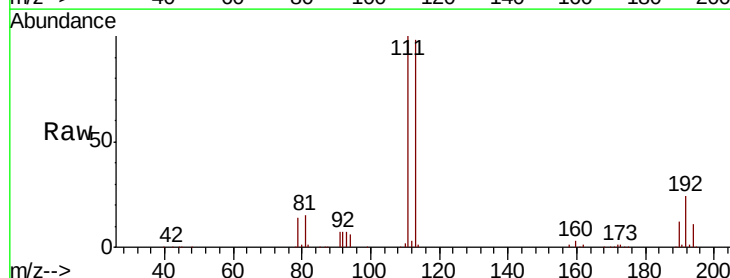
Tgt Ion:113 Resp: 616662

Ion Ratio Lower Upper

113 100

111 100.9 81.3 121.9

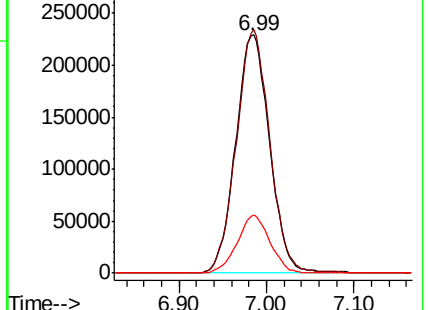
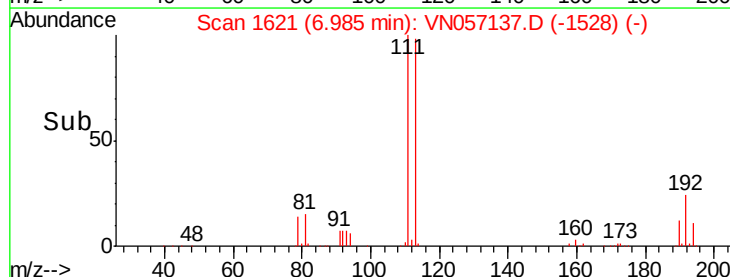
192 23.4 19.0 28.4

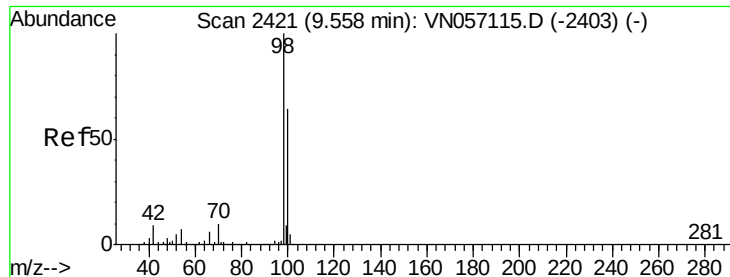


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

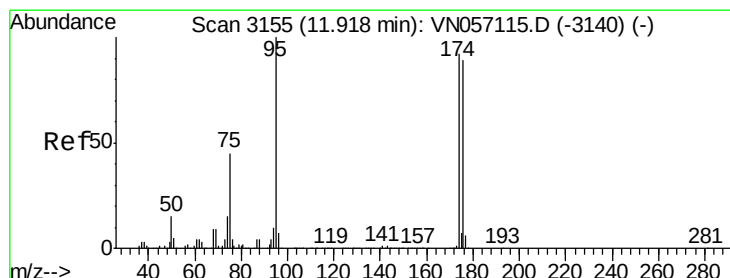
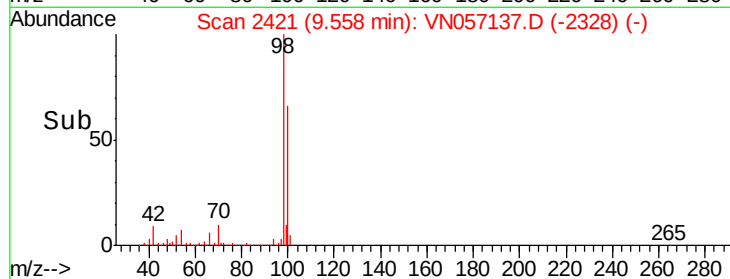
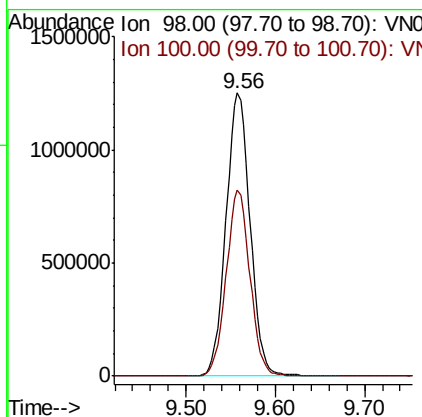
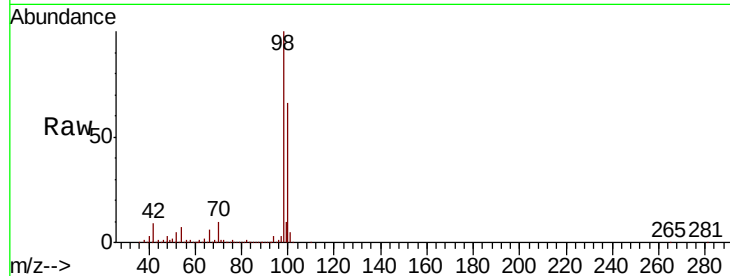




#50
Toluene-d8
Concen: 48.194 ug/l
RT: 9.56 min Scan# 2421
Delta R.T. -0.00 min
Lab File: VN057137.D
Acq: 9 Aug 2019 11:23

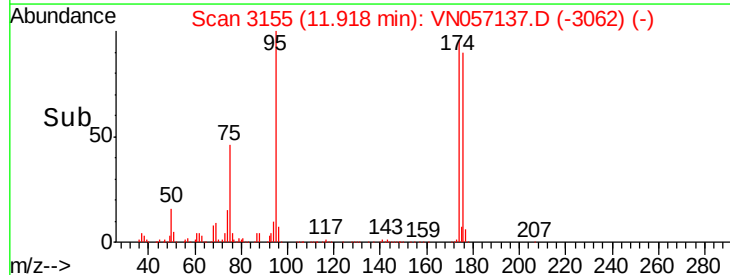
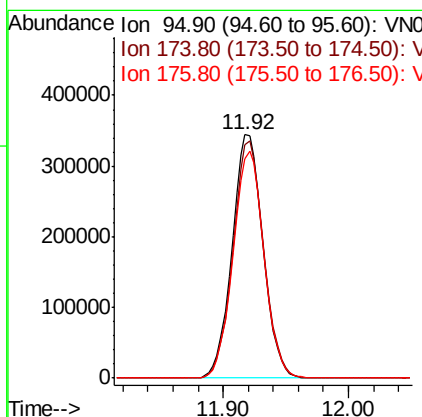
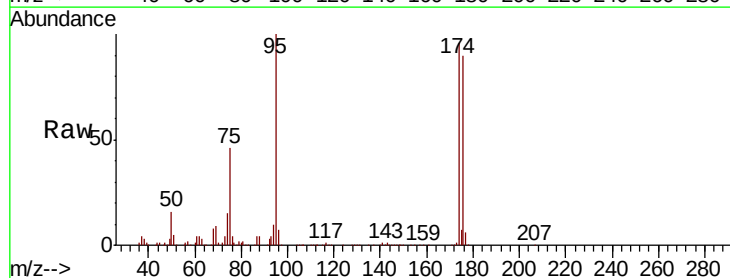
Instrument :
MSVOA_N
ClientSampled :
VN0809WBL02

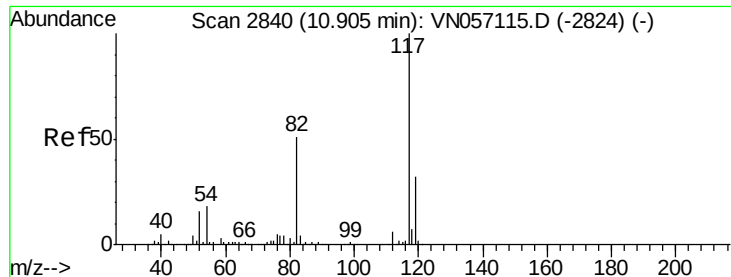
Tot Ion: 98 Resp: 2339946
Ion Ratio Lower Upper
98 100
100 64.8 51.2 76.8



#62
4-Bromofluorobenzene
Concen: 37.564 ug/l
RT: 11.92 min Scan# 3155
Delta R.T. -0.00 min
Lab File: VN057137.D
Acq: 9 Aug 2019 11:23

Tgt Ion: 95 Resp: 587656
Ion Ratio Lower Upper
95 100
174 96.7 0.0 185.0
176 93.3 0.0 181.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.91 min Scan# 2841

Delta R.T. 0.00 min

Lab File: VN057137.D

Acq: 9 Aug 2019 11:23

Instrument :

MSVOA_N

ClientSampleId :

VN0809WBL02

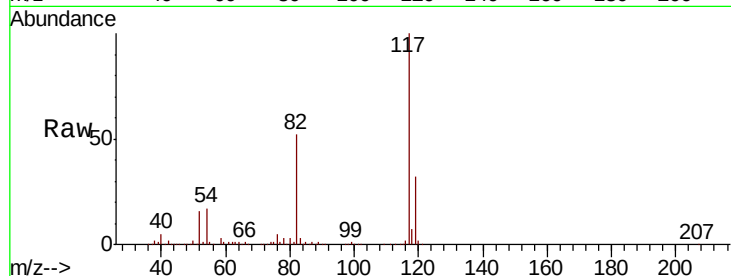
Tot Ion:117 Resp: 1652631

Ion Ratio Lower Upper

117 100

82 51.9 40.8 61.2

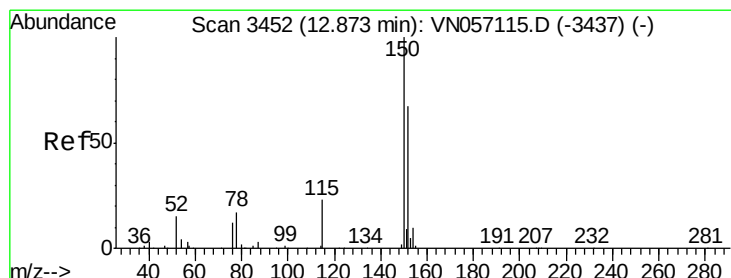
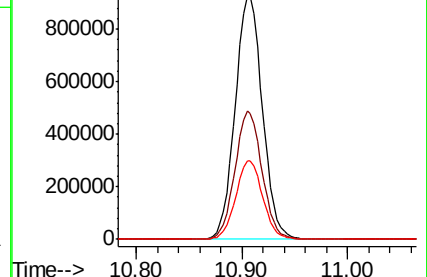
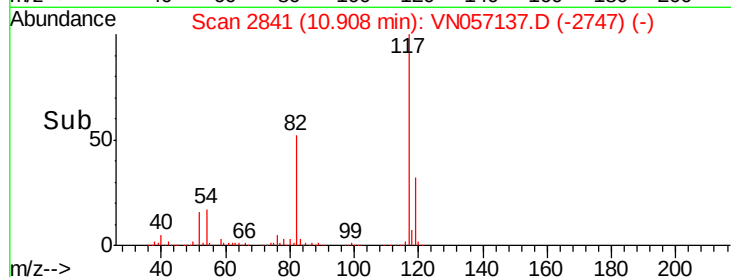
119 32.4 25.7 38.5



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: 12.87 min Scan# 3452

Delta R.T. -0.00 min

Lab File: VN057137.D

Acq: 9 Aug 2019 11:23

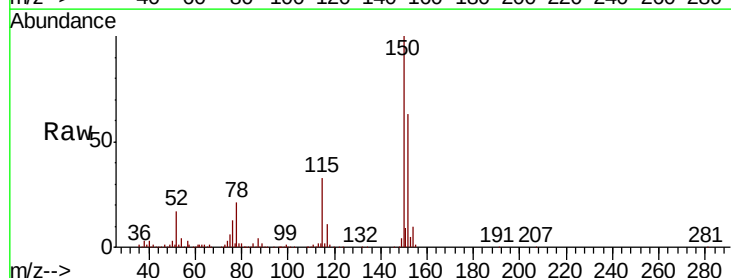
Tgt Ion:152 Resp: 393080

Ion Ratio Lower Upper

152 100

115 53.6 27.5 82.5

150 157.0 0.0 341.6



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

