

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091119\
 Data File : VN057895.D
 Acq On : 11 Sep 2019 4:03
 Operator : JC/SP
 Sample : VN0911WBL02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL02

Quant Time: Sep 11 05:34:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091019W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 10 03:02:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	301794	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	514560	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	464698	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	240864	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	323589	52.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.88%	
35) Dibromofluoromethane	7.58	113	222762	46.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.82%	
50) Toluene-d8	10.09	98	914057	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
62) 4-Bromofluorobenzene	12.40	95	300681	42.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.58%	

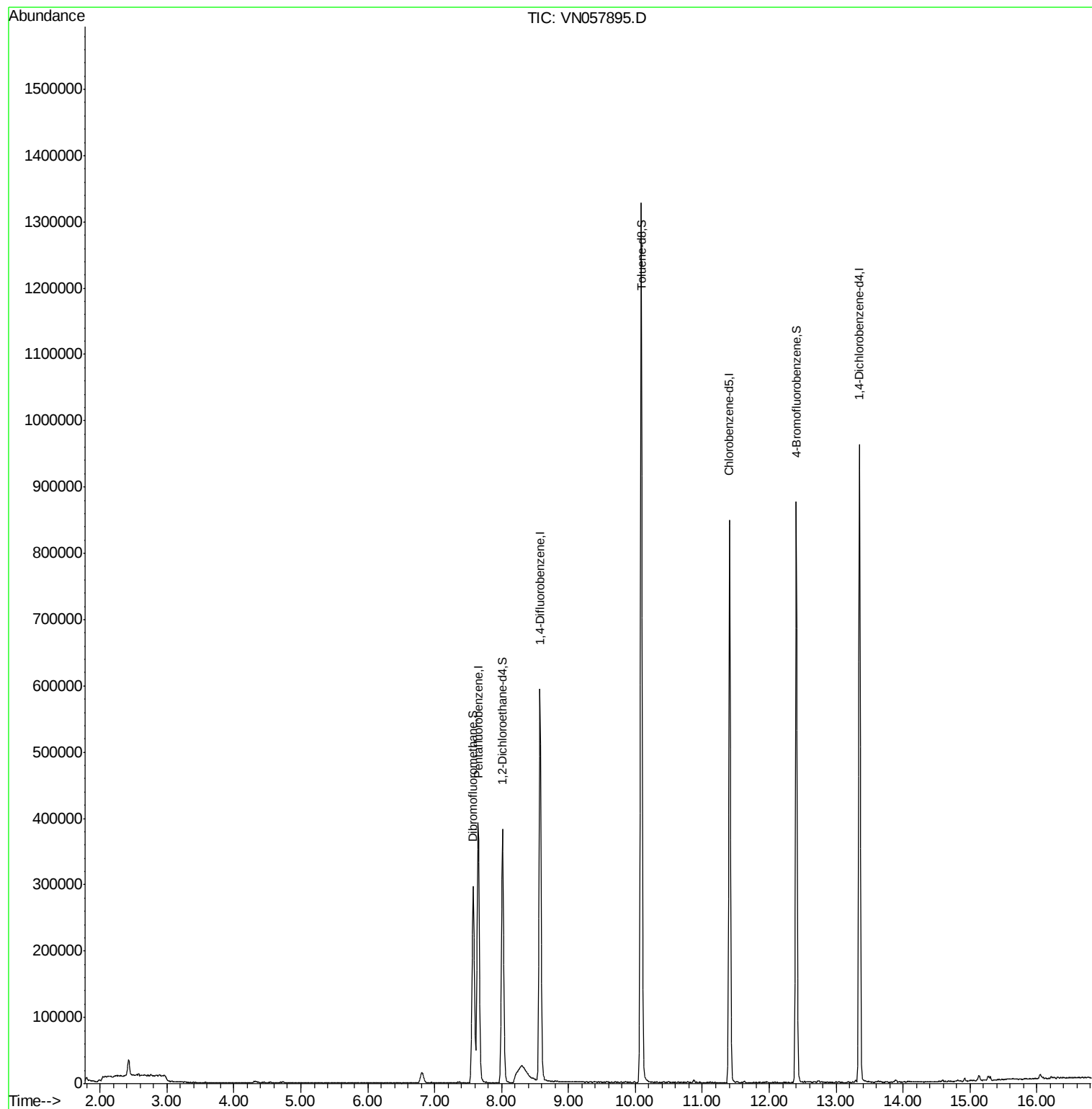
Target Compounds	Qvalue

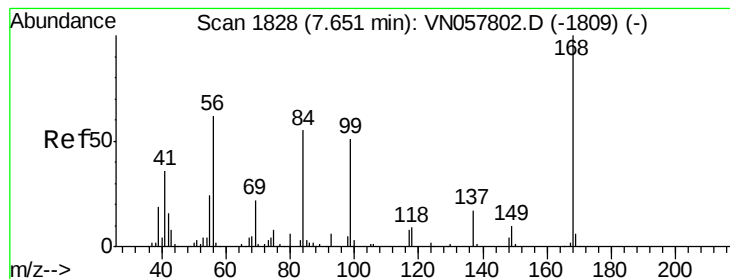
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN091119\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

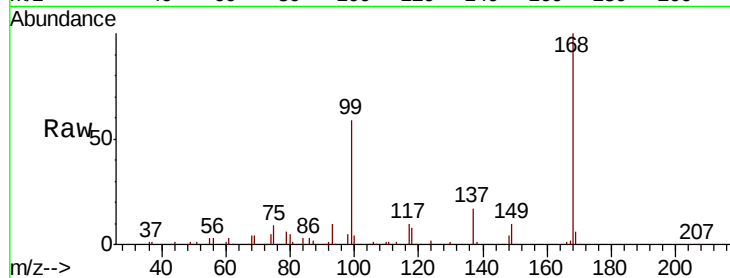
VN0911WBL02

Tot Ion:168 Resp: 301794

Ion Ratio Lower Upper

168 100

99 59.1 48.0 72.0



Abundance Ion 167.90 (167.60 to 168.60): VN057802.D (-1809) (-)

Ion 98.90 (98.60 to 99.60): VN057895.D (-1735) (-)

7.65

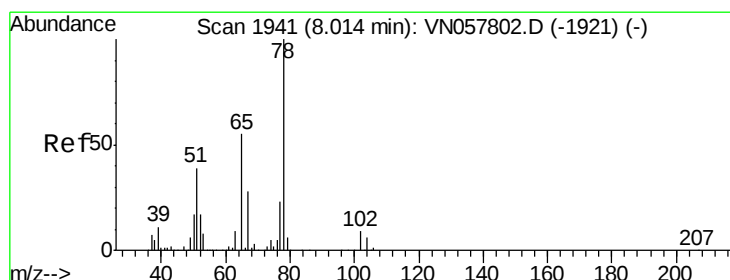
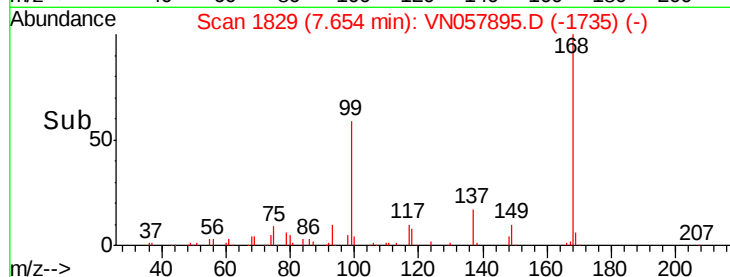
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 52.938 ug/l

RT: 8.01 min Scan# 1941

Delta R.T. 0.00 min

Lab File: VN057895.D

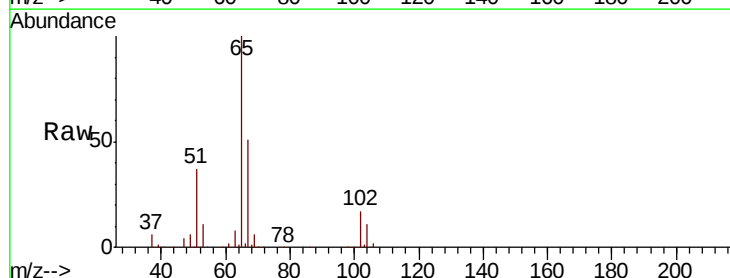
Acq: 11 Sep 2019 4:03

Tgt Ion: 65 Resp: 323589

Ion Ratio Lower Upper

65 100

67 52.2 0.0 104.0



Abundance Ion 64.90 (64.60 to 65.60): VN057802.D (-1921) (-)

Ion 66.90 (66.60 to 67.60): VN057895.D (-1848) (-)

8.01

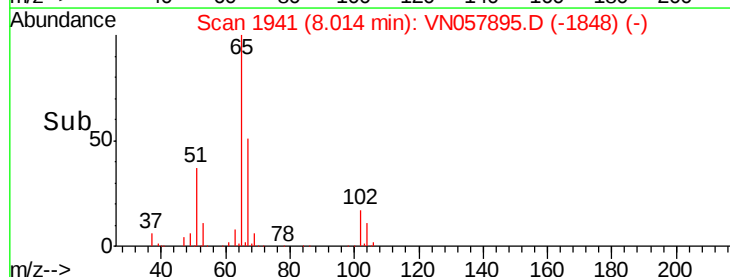
150000

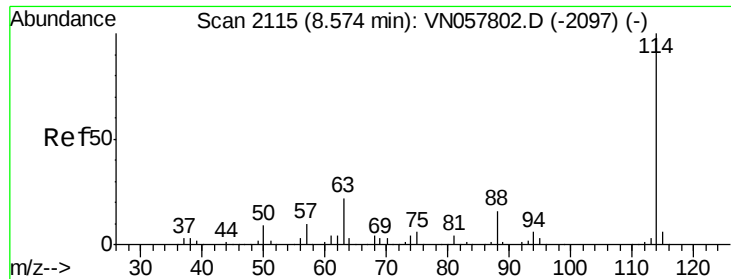
100000

50000

0

Time-->

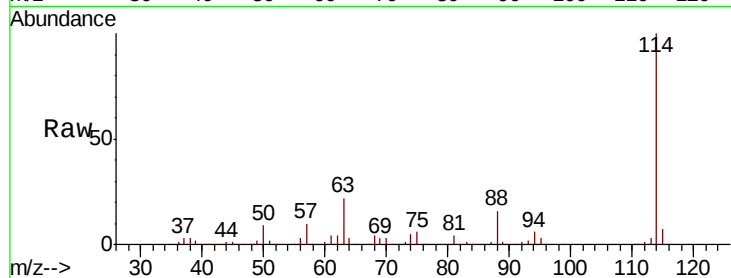




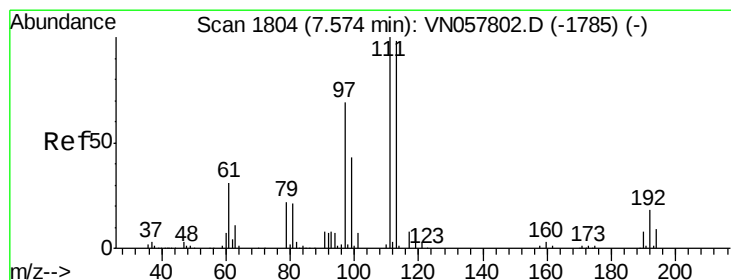
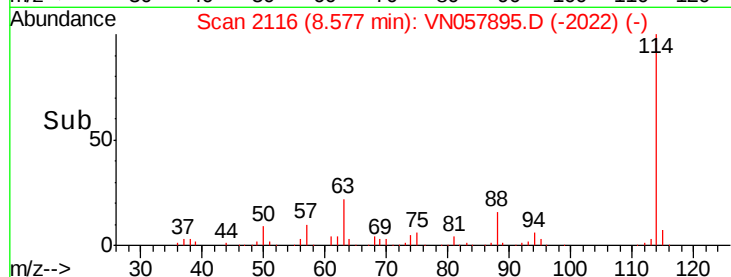
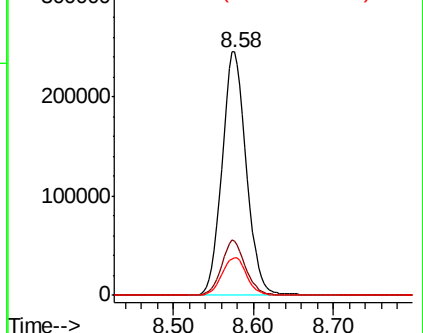
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911WBL02

Tot Ion:114 Resp: 514560
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 44.0
 88 15.6 0.0 31.4

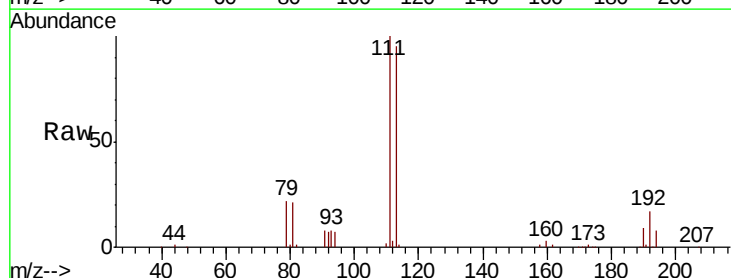


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VN
 Ion 87.90 (87.60 to 88.60): VN

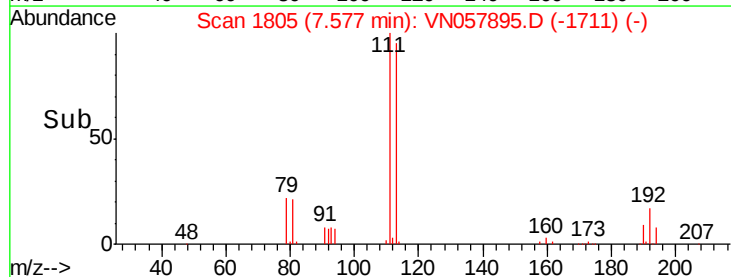
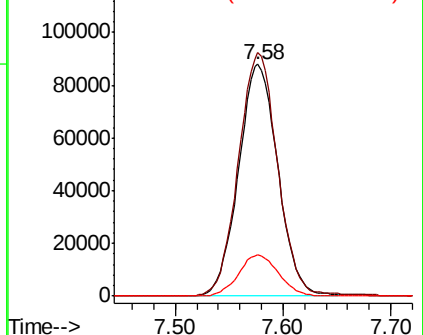


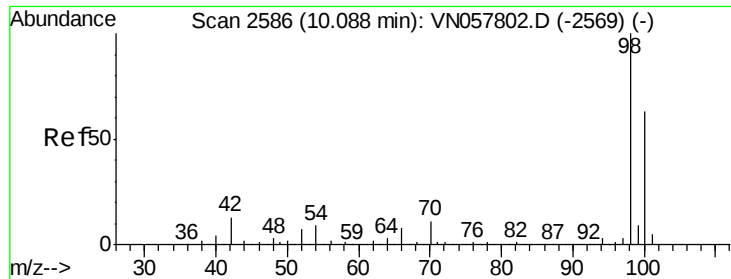
#35
 Dibromofluoromethane
 Concen: 46.905 ug/l
 RT: 7.58 min Scan# 1805
 Delta R.T. 0.00 min
 Lab File: VN057895.D
 Acq: 11 Sep 2019 4:03

Tgt Ion:113 Resp: 222762
 Ion Ratio Lower Upper
 113 100
 111 105.0 81.3 121.9
 192 18.1 14.6 22.0



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: 49.572 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampled :

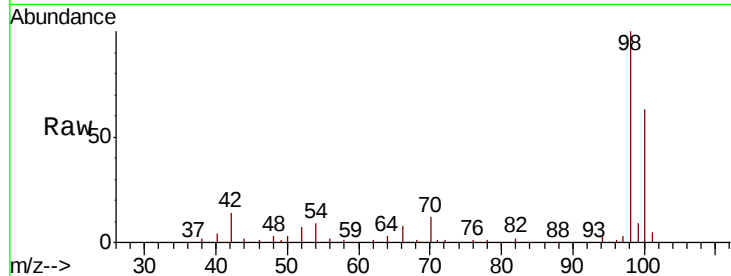
VN0911WBL02

Tot Ion: 98 Resp: 914057

Ion Ratio Lower Upper

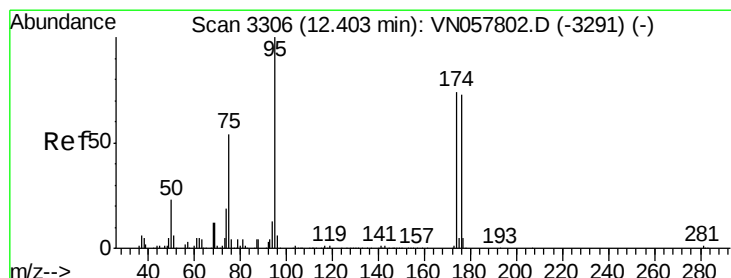
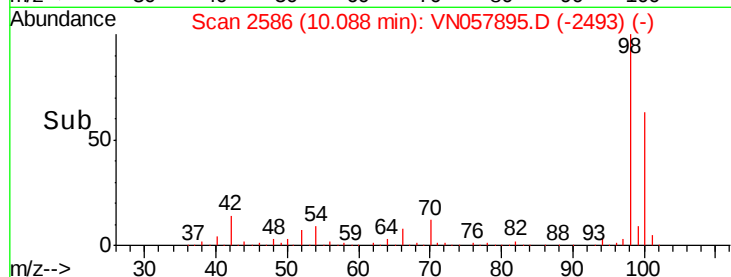
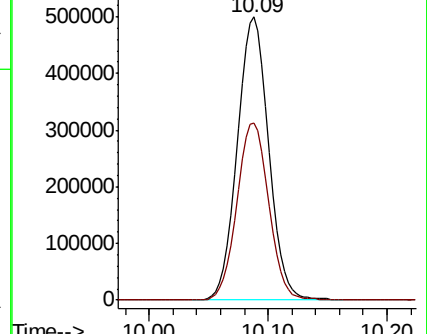
98 100

100 63.7 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VN0

Ion 100.00 (99.70 to 100.70): VN



#62

4-Bromofluorobenzene

Concen: 42.790 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

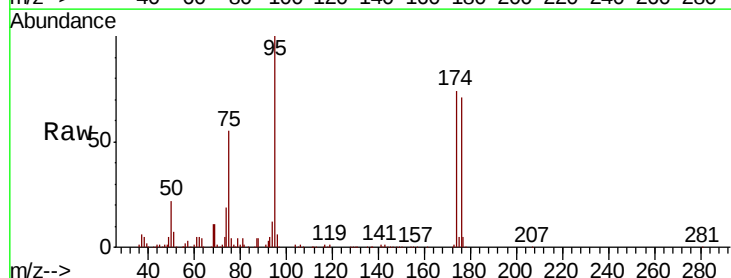
Tgt Ion: 95 Resp: 300681

Ion Ratio Lower Upper

95 100

174 75.2 0.0 150.2

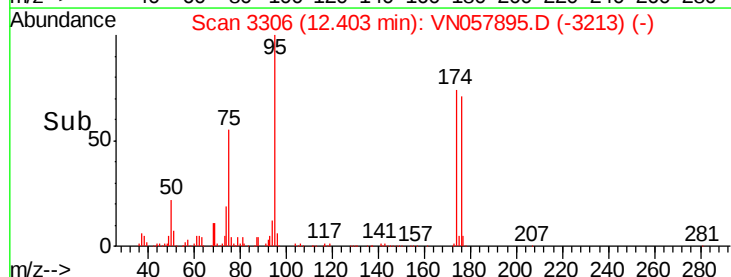
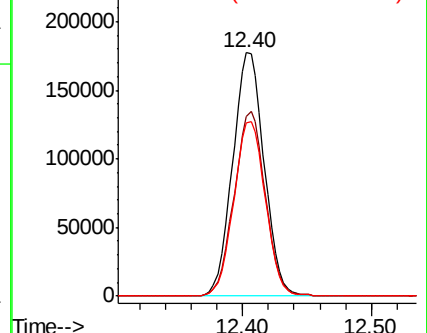
176 72.2 0.0 146.0

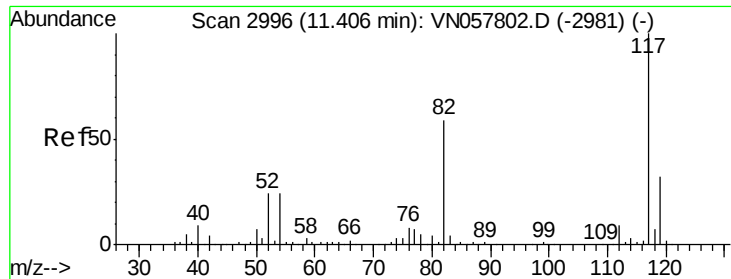


Abundance Ion 94.90 (94.60 to 95.60): VN0

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: VN057895.D

Acq: 11 Sep 2019 4:03

Instrument :

MSVOA_N

ClientSampleId :

VN0911WBL02

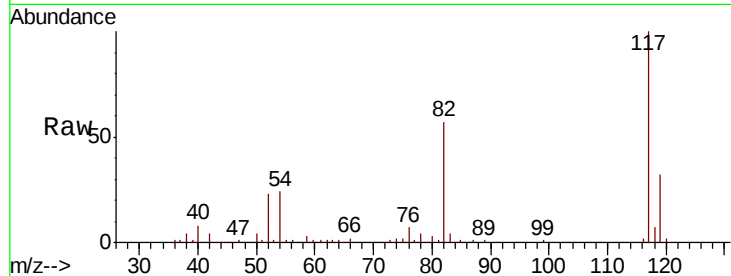
Tot Ion:117 Resp: 464698

Ion Ratio Lower Upper

117 100

82 57.3 47.2 70.8

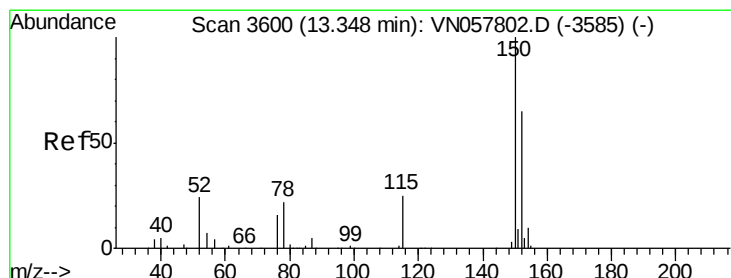
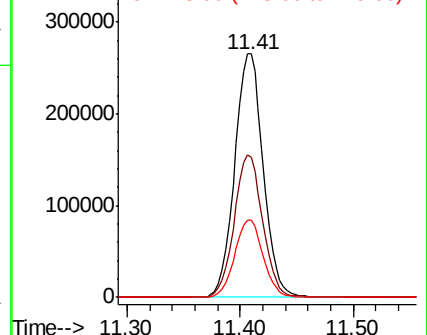
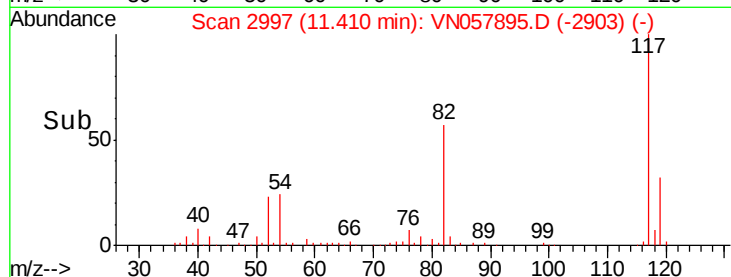
119 31.7 25.3 37.9



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VN

Ion 118.90 (118.60 to 119.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN057895.D

Acq: 11 Sep 2019 4:03

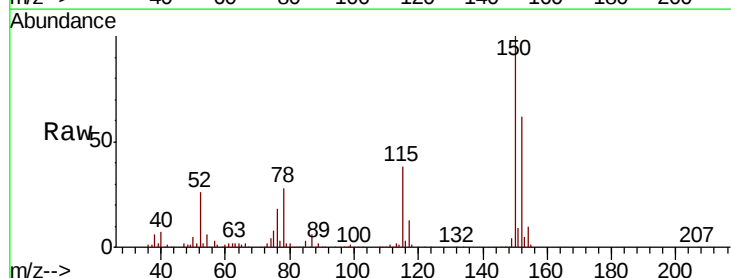
Tgt Ion:152 Resp: 240864

Ion Ratio Lower Upper

152 100

115 61.0 30.3 91.0

150 159.9 0.0 352.4



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

