

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058432.D
 Acq On : 30 Sep 2019 14:05
 Operator : JC/SP
 Sample : K5080-12
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ145D-20190924

Quant Time: Oct 01 04:01:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N092719W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 30 08:07:38 2019
 Response via : Initial Calibration

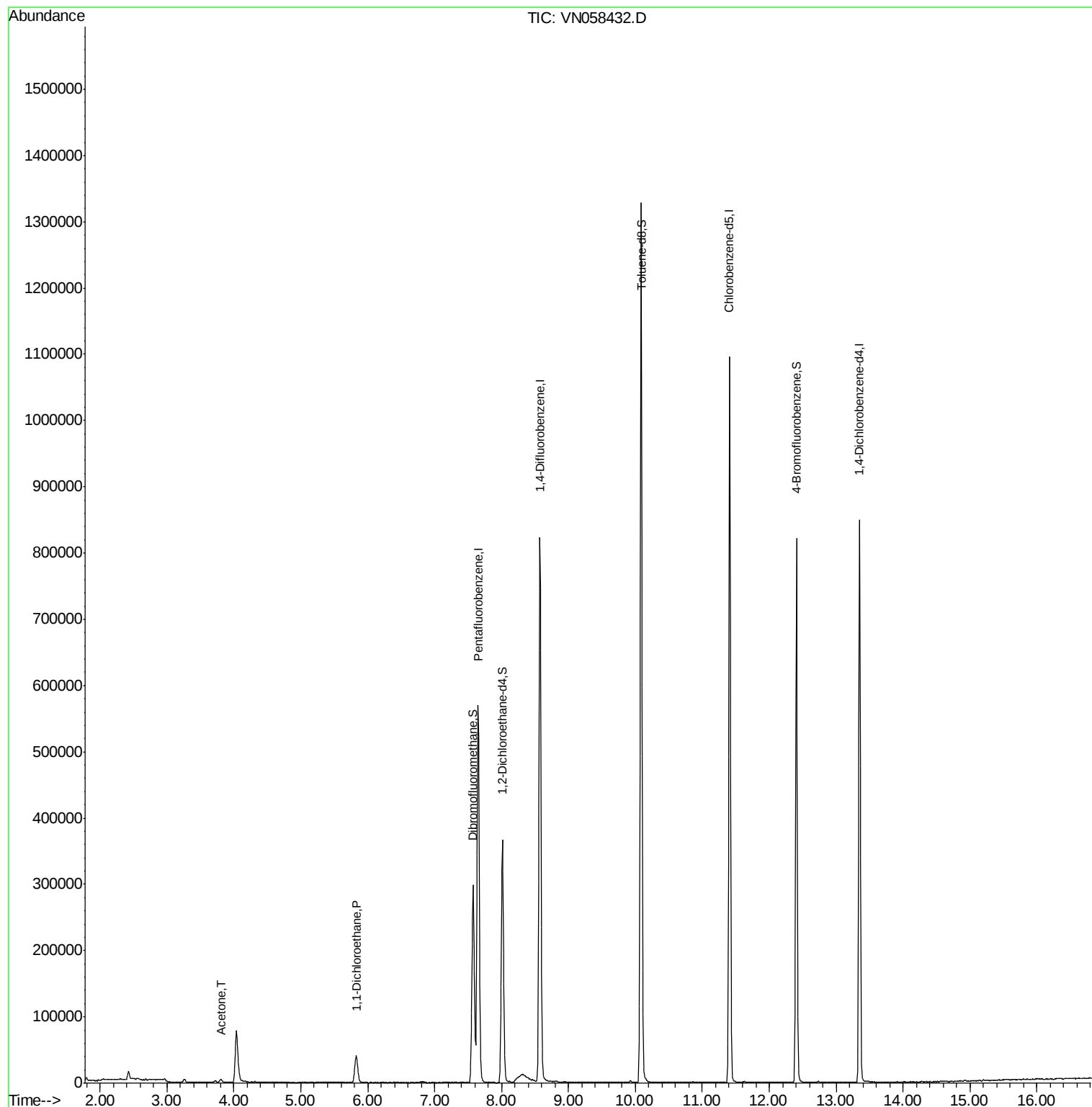
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	439730	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	719521	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	595893	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	213125	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	319660	49.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.50%	
35) Dibromofluoromethane	7.58	113	225157	51.06	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.12%	
50) Toluene-d8	10.09	98	909612	52.65	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.30%	
62) 4-Bromofluorobenzene	12.41	95	270330	43.28	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.56%	
Target Compounds						
16) Acetone	3.80	43	8507	3.884	ug/l	90
24) 1,1-Dichloroethane	5.82	63	62832	6.872	ug/l	99

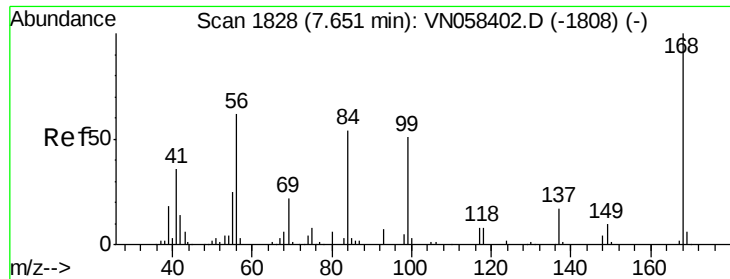
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. 0.00 min

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ClientSampleId :

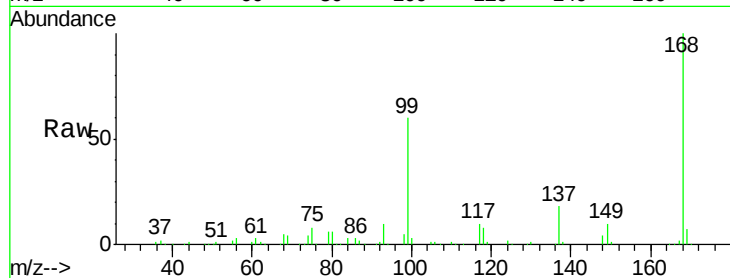
SA-PZ145D-20190924

Tot Ion:168 Resp: 439730

Ion Ratio Lower Upper

168 100

99 59.7 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.65

200000

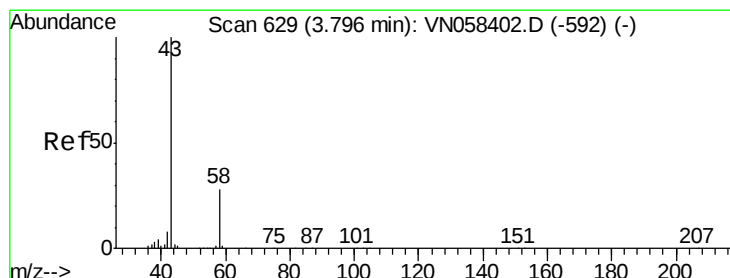
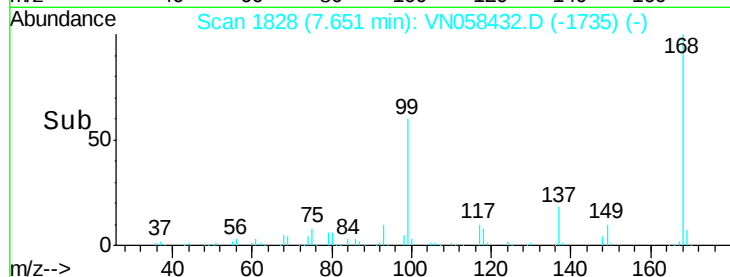
150000

100000

50000

0

Time-->



#16

Acetone

Concen: 3.884 ug/l

RT: 3.80 min Scan# 630

Delta R.T. 0.00 min

Lab File: VN058432.D

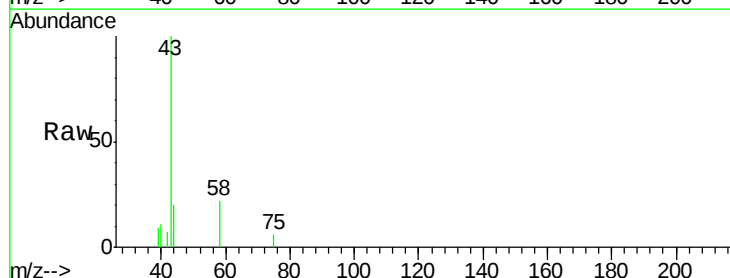
Acq: 30 Sep 2019 14:05

Tgt Ion: 43 Resp: 8507

Ion Ratio Lower Upper

43 100

58 22.5 22.4 33.6



Abundance Ion 43.00 (42.70 to 43.70): VNO

Ion 58.00 (57.70 to 58.70): VNO

3.80

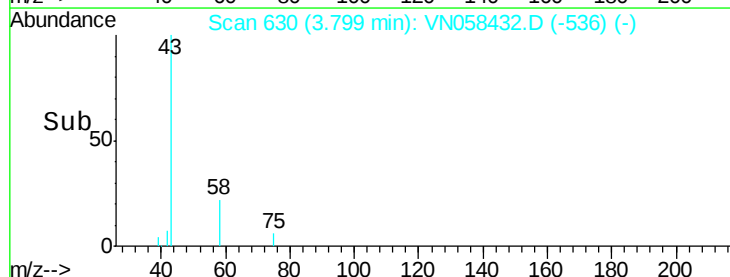
3000

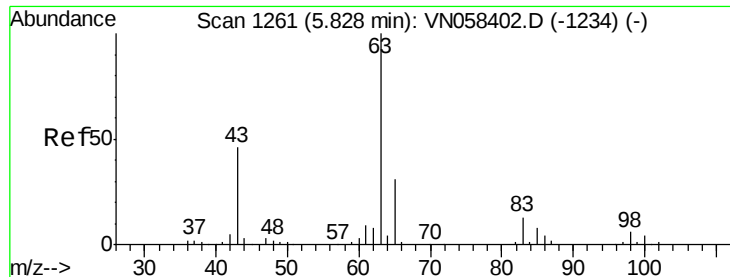
2000

1000

0

Time-->





#24

1,1-Dichloroethane

Concen: 6.872 ug/l

RT: 5.82 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VN058432.D

Acq: 30 Sep 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145D-20190924

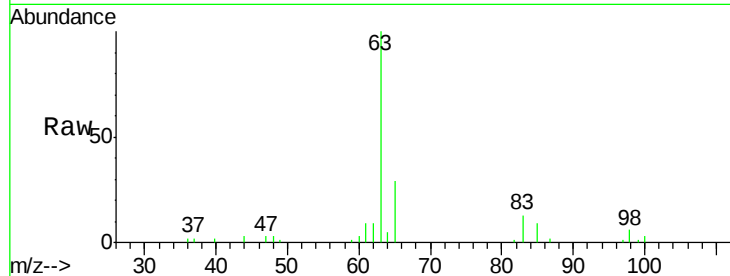
Tot Ion: 63 Resp: 62832

Ion Ratio Lower Upper

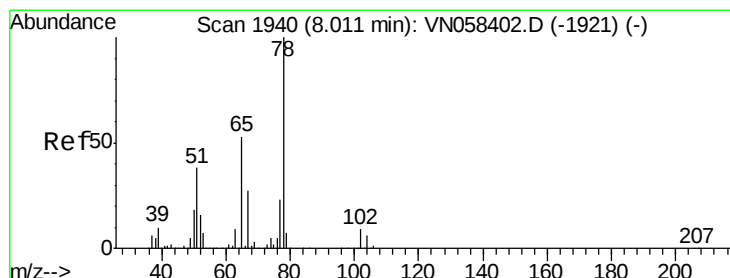
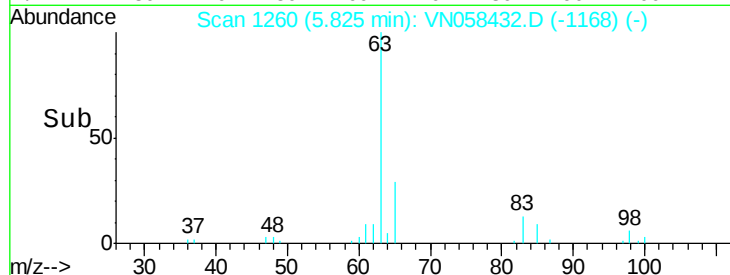
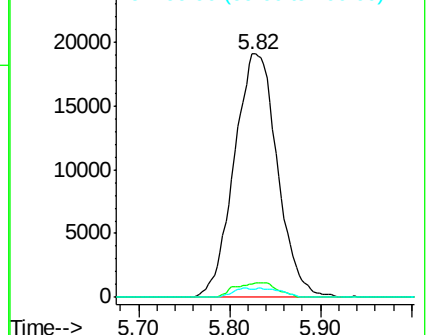
63 100

98 5.6 3.0 9.0

100 3.4 2.0 5.8



Abundance Ion 62.90 (62.60 to 63.60): VN0
Ion 97.90 (97.60 to 98.60): VN0
Ion 99.90 (99.60 to 100.60): VN0



#33

1,2-Dichloroethane-d4

Concen: 49.745 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. 0.00 min

Lab File: VN058432.D

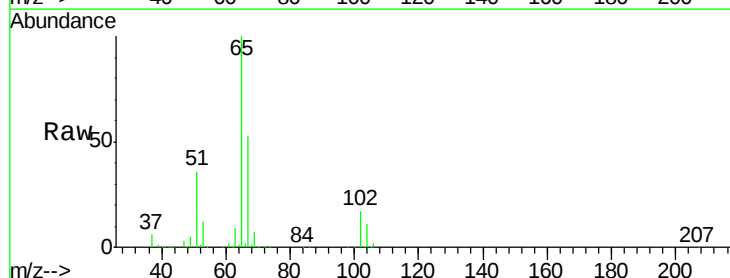
Acq: 30 Sep 2019 14:05

Tgt Ion: 65 Resp: 319660

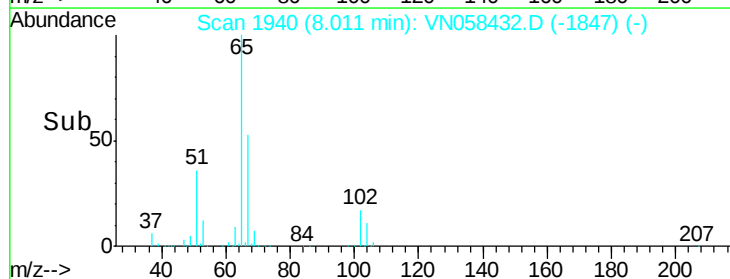
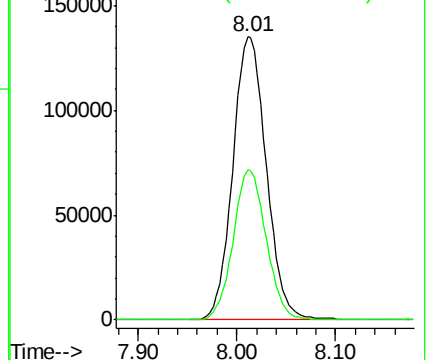
Ion Ratio Lower Upper

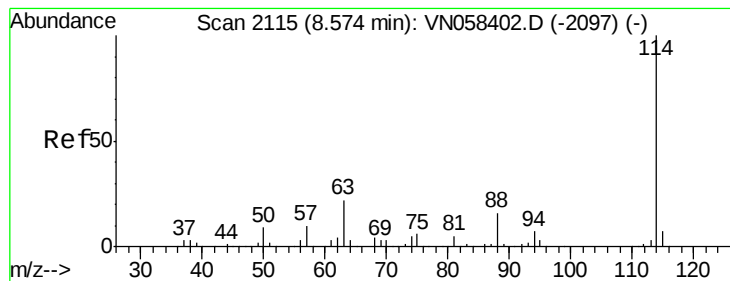
65 100

67 52.1 0.0 102.4



Abundance Ion 64.90 (64.60 to 65.60): VN0
Ion 66.90 (66.60 to 67.60): VN0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058432.D

Acq: 30 Sep 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145D-20190924

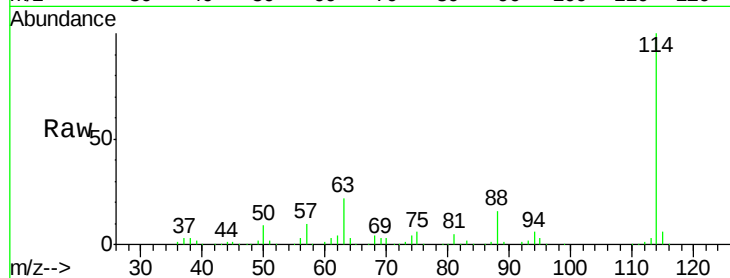
Tot Ion:114 Resp: 719521

Ion Ratio Lower Upper

114 100

63 22.3 0.0 45.0

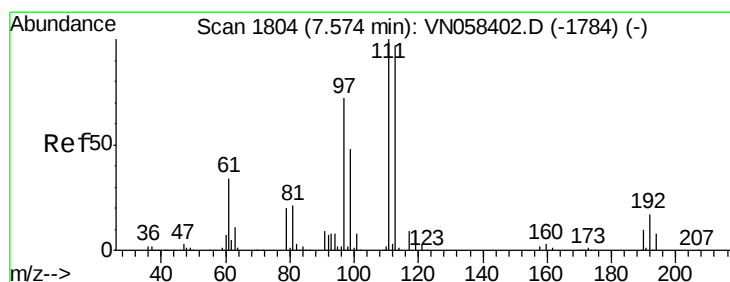
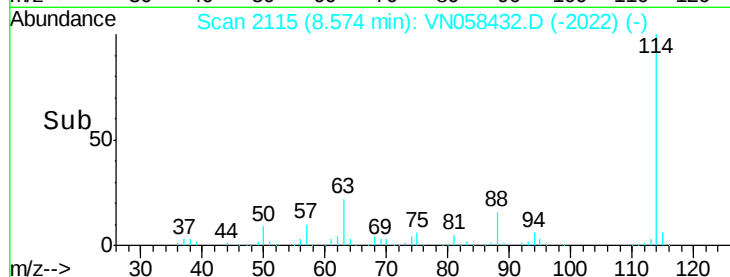
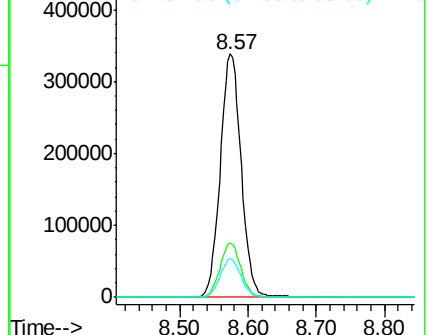
88 15.9 0.0 32.2



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: 51.058 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058432.D

Acq: 30 Sep 2019 14:05

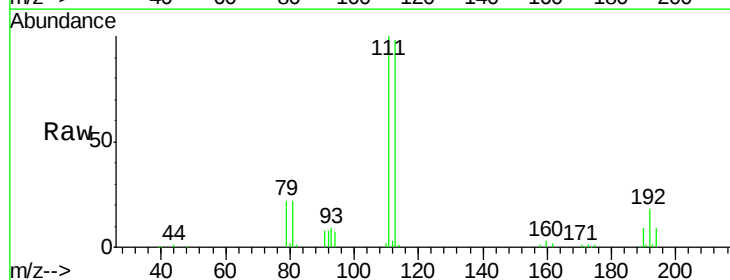
Tgt Ion:113 Resp: 225157

Ion Ratio Lower Upper

113 100

111 103.5 83.4 125.2

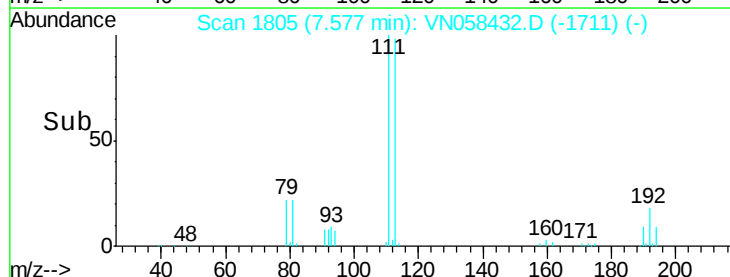
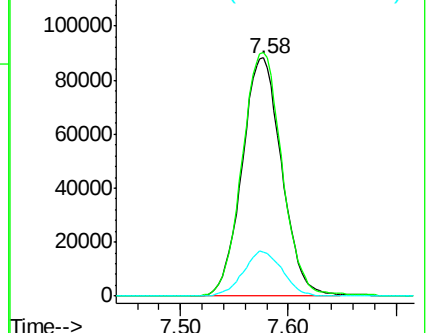
192 18.7 14.9 22.3

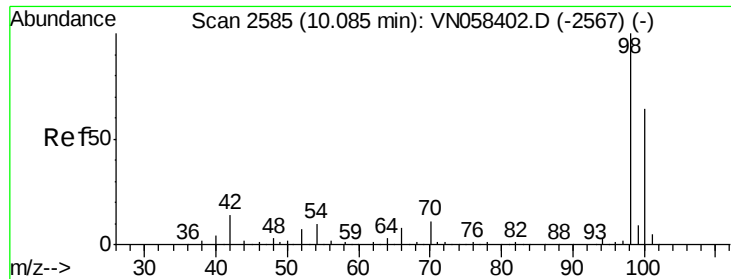


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

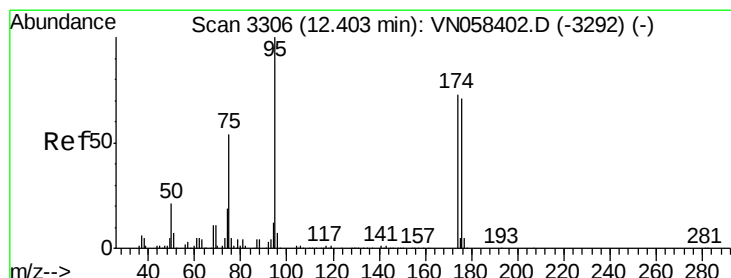
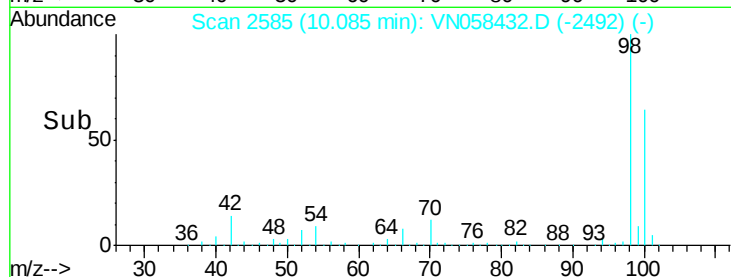
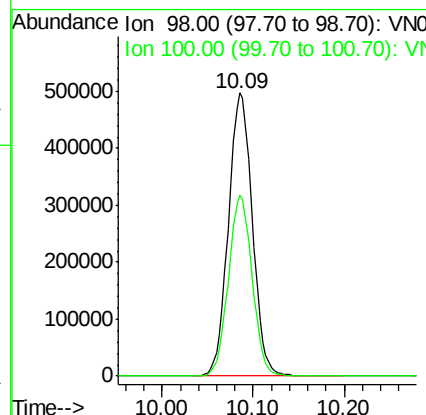
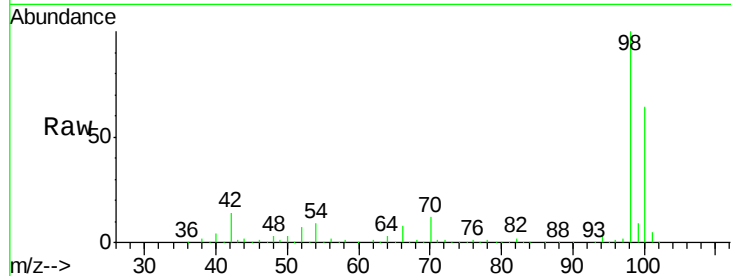




#50
Toluene-d8
Concen: 52.654 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN058432.D
Acq: 30 Sep 2019 14:05

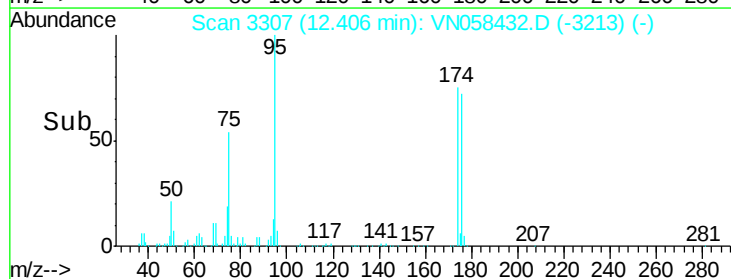
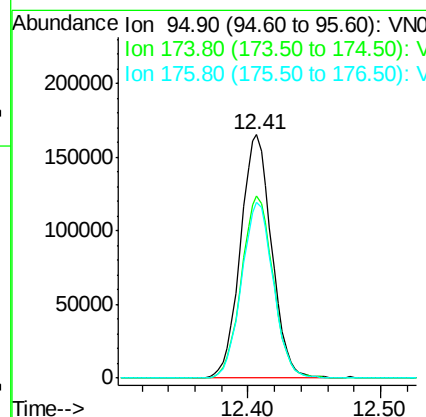
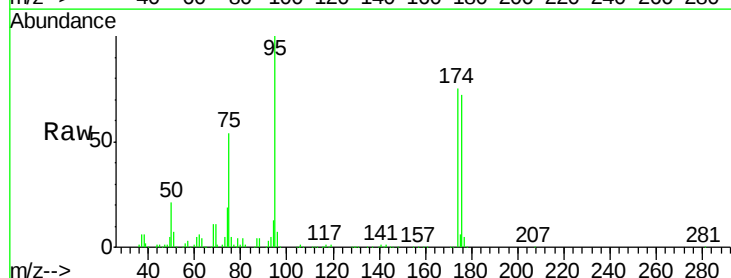
Instrument :
MSVOA_N
ClientSampleId :
SA-PZ145D-20190924

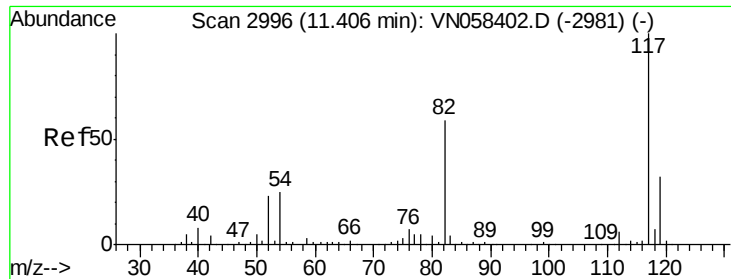
Tot Ion: 98 Resp: 909612
Ion Ratio Lower Upper
98 100
100 63.3 51.0 76.6



#62
4-Bromofluorobenzene
Concen: 43.278 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. 0.00 min
Lab File: VN058432.D
Acq: 30 Sep 2019 14:05

Tgt Ion: 95 Resp: 270330
Ion Ratio Lower Upper
95 100
174 76.0 0.0 150.6
176 73.5 0.0 146.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.41 min Scan# 2997

Delta R.T. 0.00 min

Lab File: VN058432.D

Acq: 30 Sep 2019 14:05

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ145D-20190924

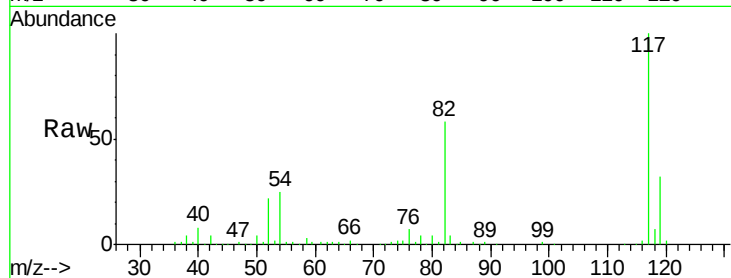
Tot Ion:117 Resp: 595893

Ion Ratio Lower Upper

117 100

82 57.8 47.4 71.0

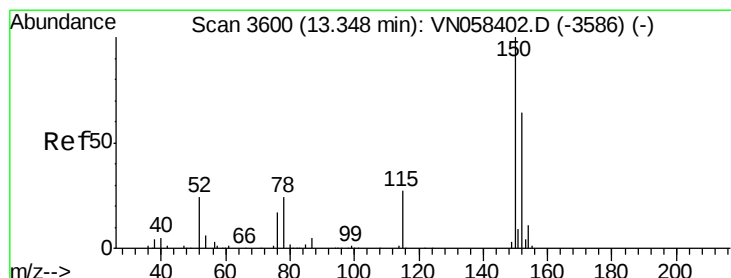
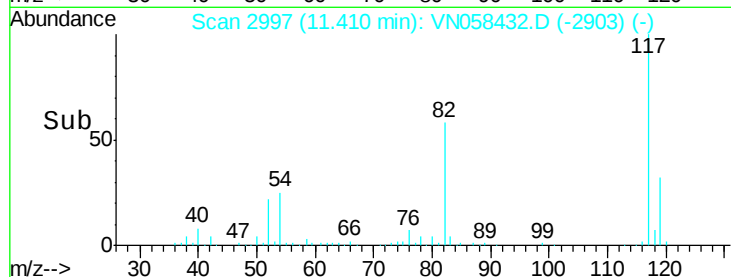
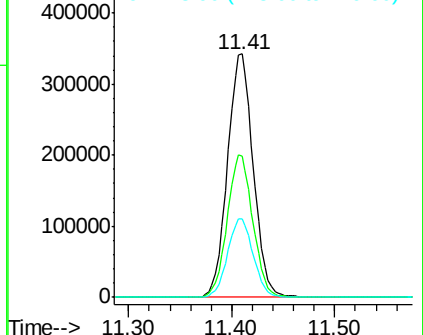
119 32.2 25.5 38.3



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: 13.35 min Scan# 3600

Delta R.T. 0.00 min

Lab File: VN058432.D

Acq: 30 Sep 2019 14:05

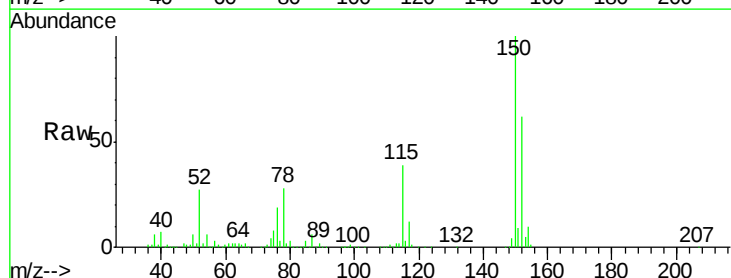
Tgt Ion:152 Resp: 213125

Ion Ratio Lower Upper

152 100

115 62.0 30.0 90.0

150 159.0 0.0 348.2



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

