

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN093019\
 Data File : VN058435.D
 Acq On : 30 Sep 2019 15:11
 Operator : JC/SP
 Sample : K5080-15
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20190924

Quant Time: Oct 01 04:16:58 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

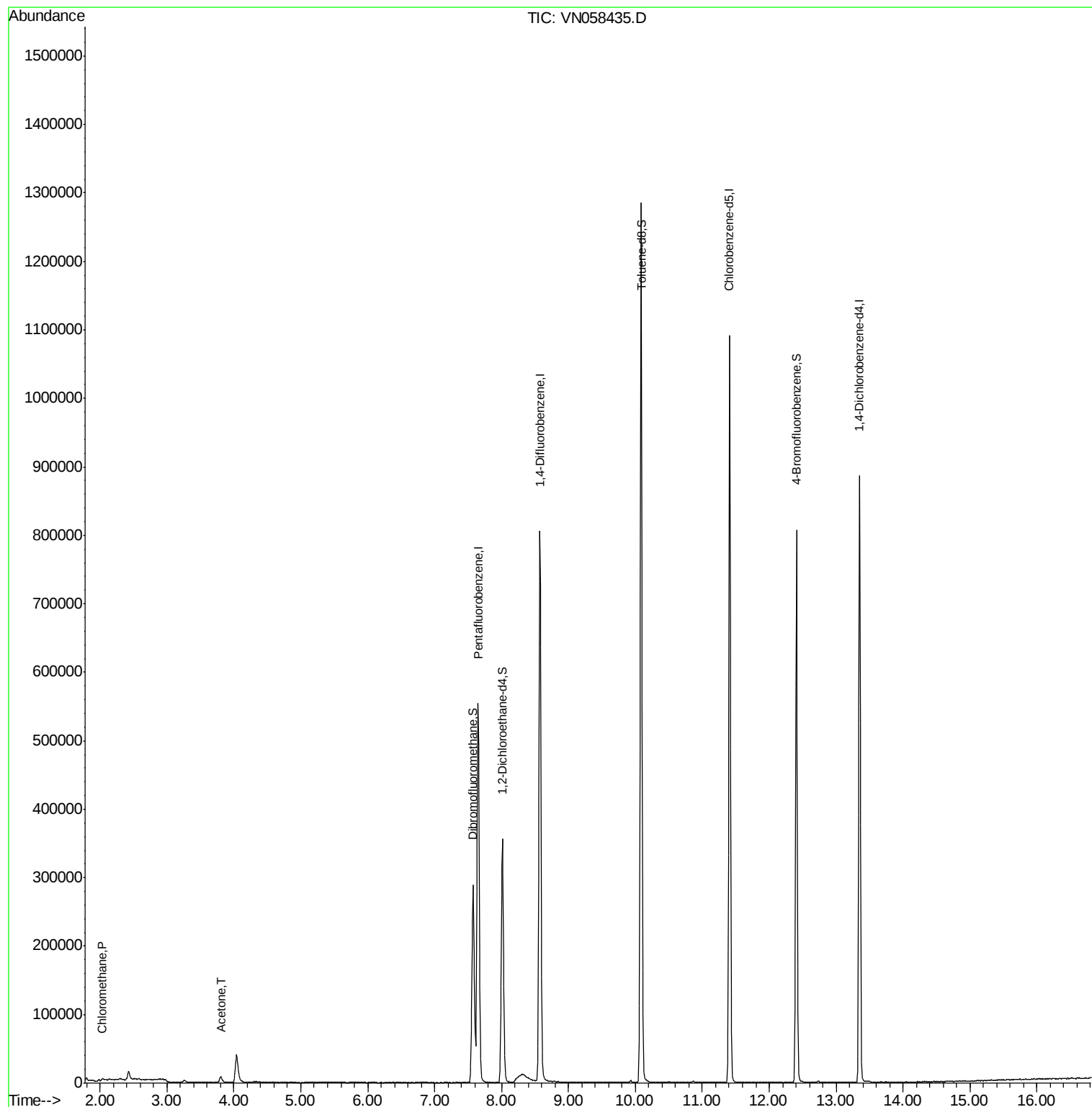
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	433776	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	702443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	590577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	226632	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.01	65	311430	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	7.58	113	216421	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.54%	
50) Toluene-d8	10.09	98	871584	51.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.36%	
62) 4-Bromofluorobenzene	12.41	95	272109	44.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.24%	
Target Compounds						
3) Chloromethane	2.04	50	1889	0.361	ug/l	94
16) Acetone	3.80	43	15002	6.943	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

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

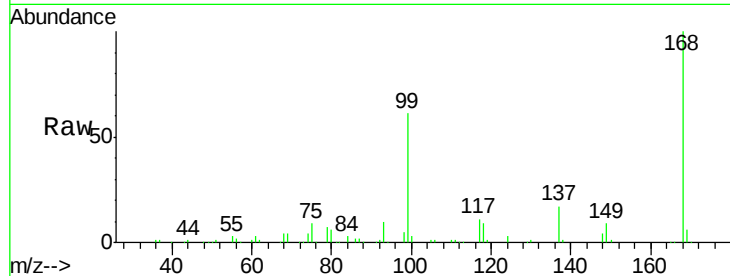
SA-MW131I-20190924

Tot Ion:168 Resp: 433776

Ion Ratio Lower Upper

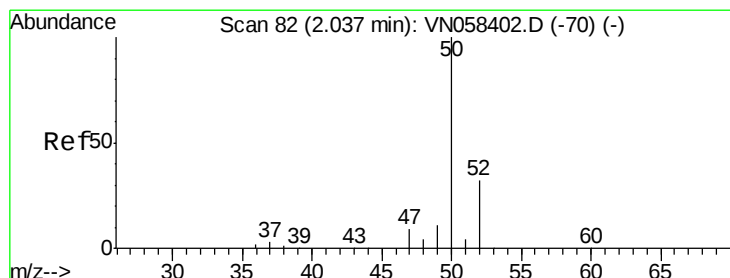
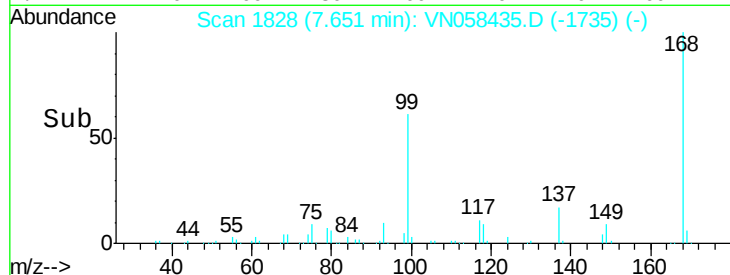
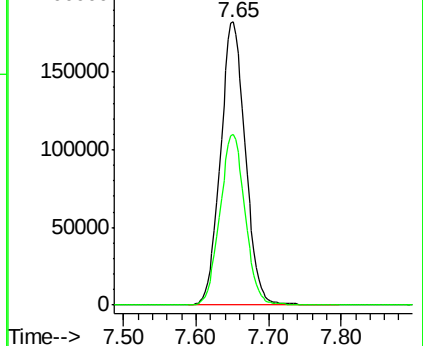
168 100

99 60.5 47.7 71.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#3

Chloromethane

Concen: 0.361 ug/l

RT: 2.04 min Scan# 83

Delta R.T. 0.00 min

Lab File: VN058435.D

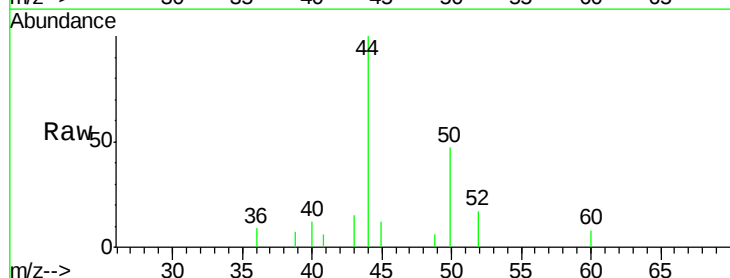
Acq: 30 Sep 2019 15:11

Tgt Ion: 50 Resp: 1889

Ion Ratio Lower Upper

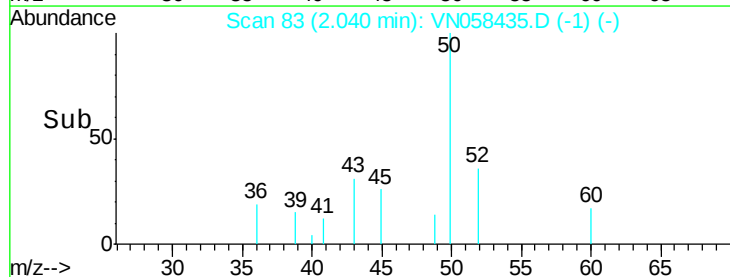
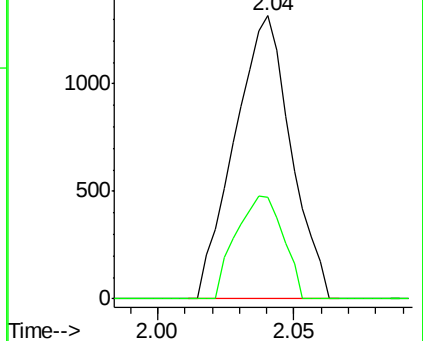
50 100

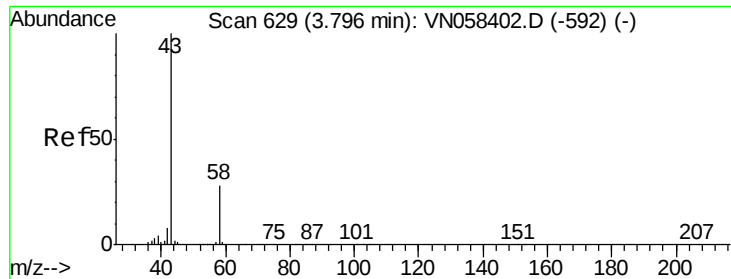
52 35.9 25.9 38.9



Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO

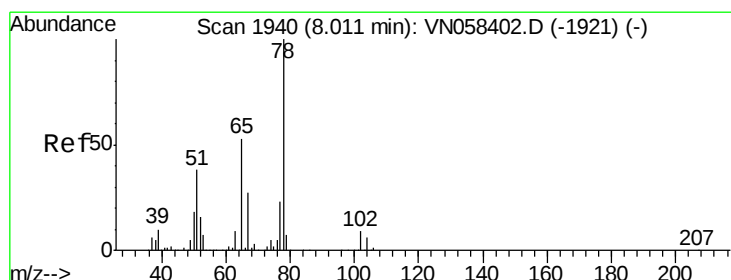
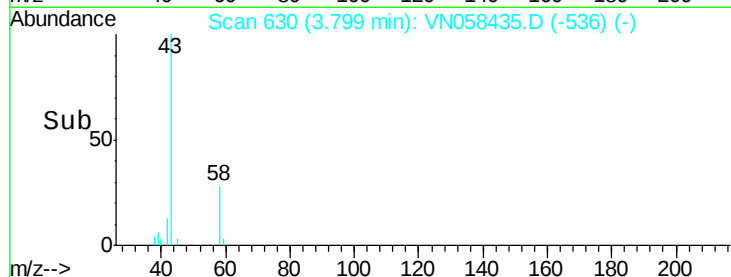
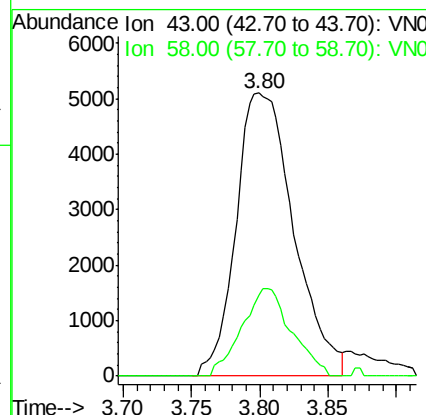
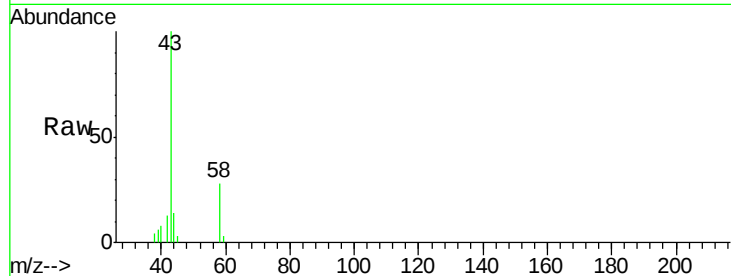




#16
Acetone
Concen: 6.943 ug/l
RT: 3.80 min Scan# 630
Delta R.T. 0.00 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

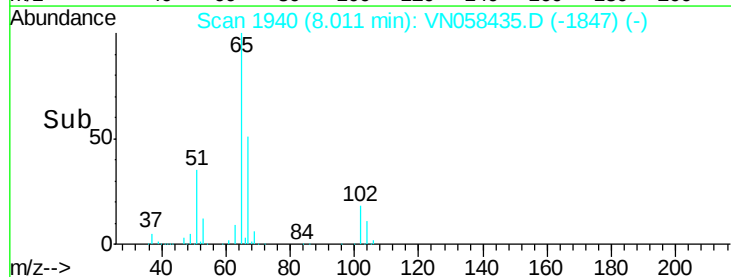
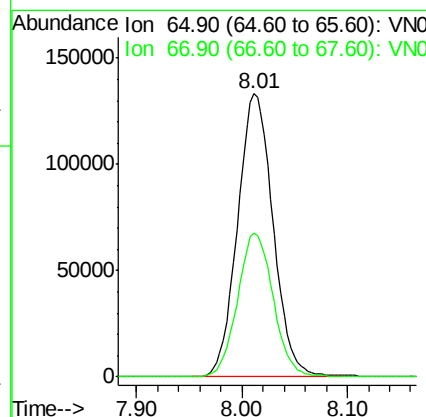
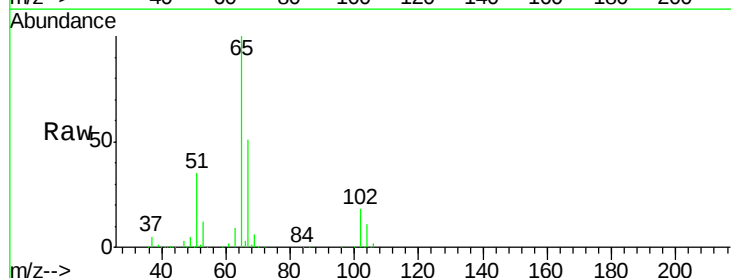
Instrument :
MSVOA_N
ClientSampleId :
SA-MW131I-20190924

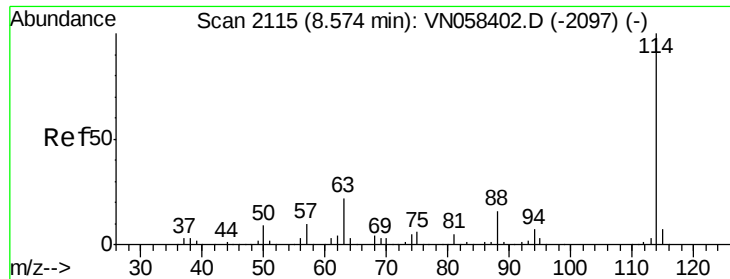
Tot Ion: 43 Resp: 15002
Ion Ratio Lower Upper
43 100
58 28.5 22.4 33.6



#33
1,2-Dichloroethane-d4
Concen: 49.130 ug/l
RT: 8.01 min Scan# 1940
Delta R.T. 0.00 min
Lab File: VN058435.D
Acq: 30 Sep 2019 15:11

Tgt Ion: 65 Resp: 311430
Ion Ratio Lower Upper
65 100
67 51.1 0.0 102.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

SA-MW131I-20190924

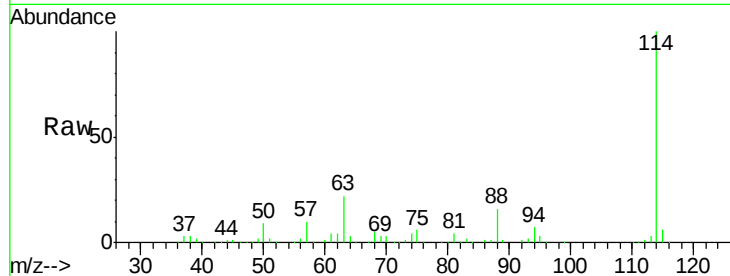
Tot Ion:114 Resp: 702443

Ion Ratio Lower Upper

114 100

63 22.1 0.0 45.0

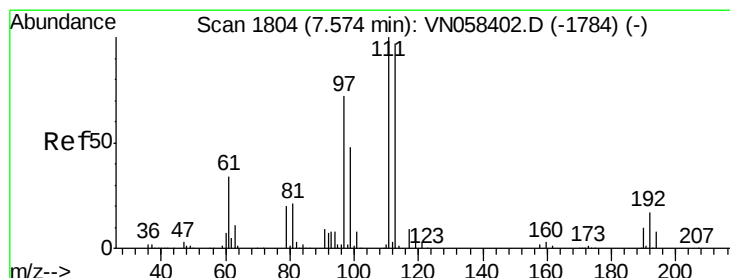
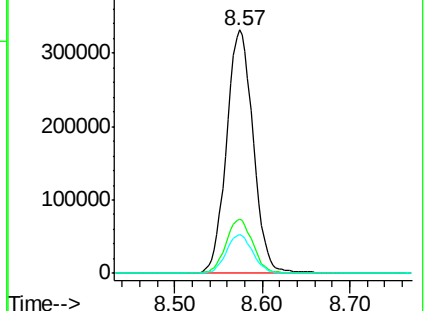
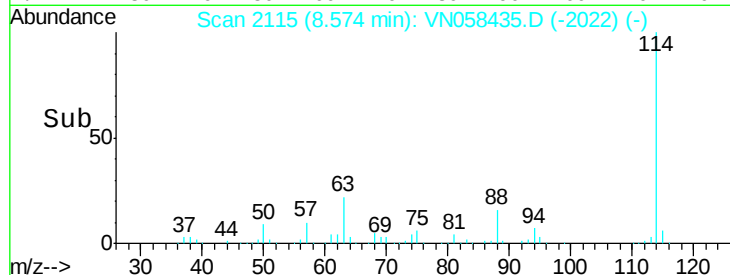
88 15.9 0.0 32.2



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: 50.270 ug/l

RT: 7.58 min Scan# 1805

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

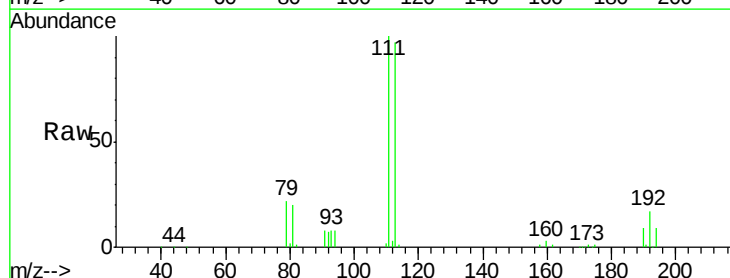
Tgt Ion:113 Resp: 216421

Ion Ratio Lower Upper

113 100

111 103.0 83.4 125.2

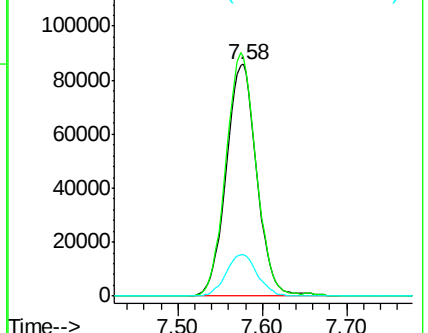
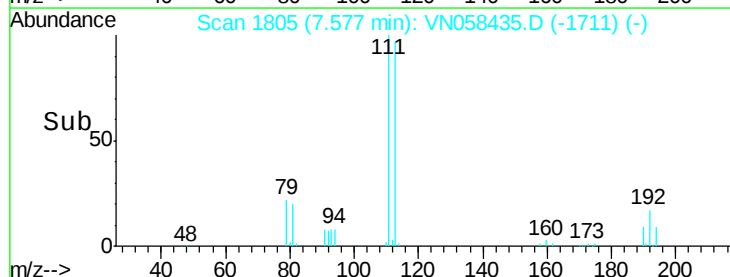
192 18.2 14.9 22.3

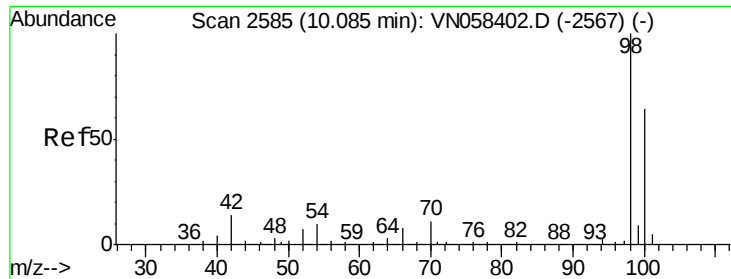


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 51.679 ug/l

RT: 10.09 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

Instrument :

MSVOA_N

ClientSampleId :

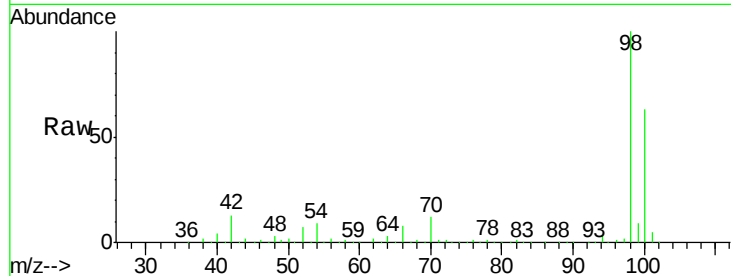
SA-MW131I-20190924

Tot Ion: 98 Resp: 871584

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6



Abundance Ion 98.00 (97.70 to 98.70): VN058402.D (-2567) (-)

Ion 100.00 (99.70 to 100.70): VN058402.D (-2567) (-)

10.09

500000

400000

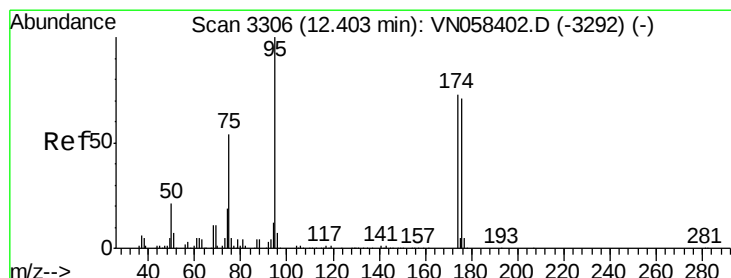
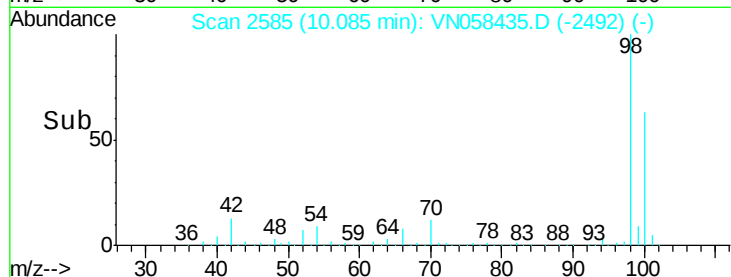
300000

200000

100000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 44.621 ug/l

RT: 12.41 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN058435.D

Acq: 30 Sep 2019 15:11

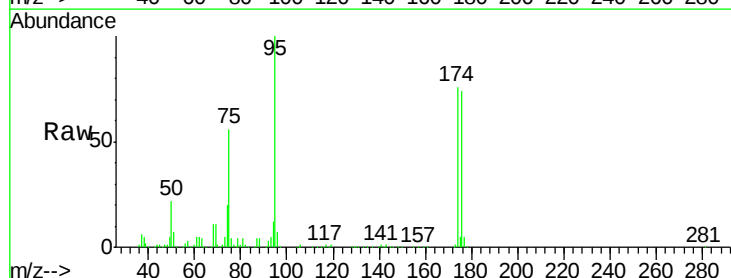
Tgt Ion: 95 Resp: 272109

Ion Ratio Lower Upper

95 100

174 74.7 0.0 150.6

176 72.8 0.0 146.2



Abundance Ion 94.90 (94.60 to 95.60): VN058402.D (-3292) (-)

Ion 173.80 (173.50 to 174.50): VN058402.D (-3292) (-)

Ion 175.80 (175.50 to 176.50): VN058402.D (-3292) (-)

12.41

200000

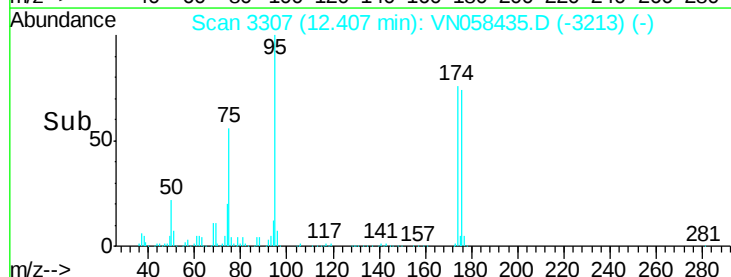
150000

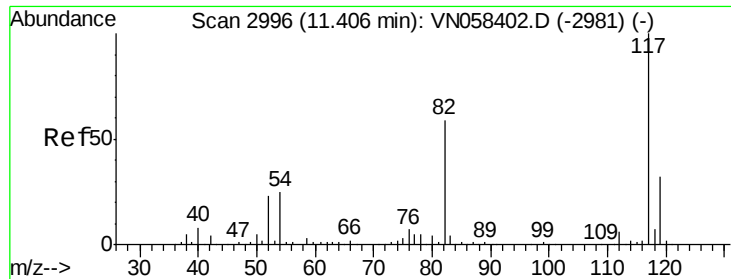
100000

50000

0

Time-->

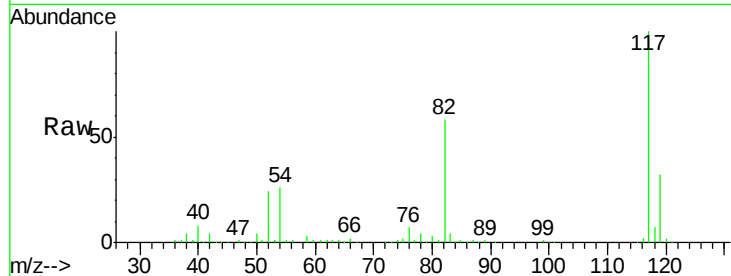




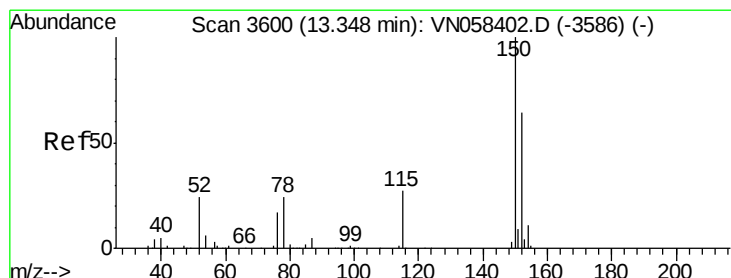
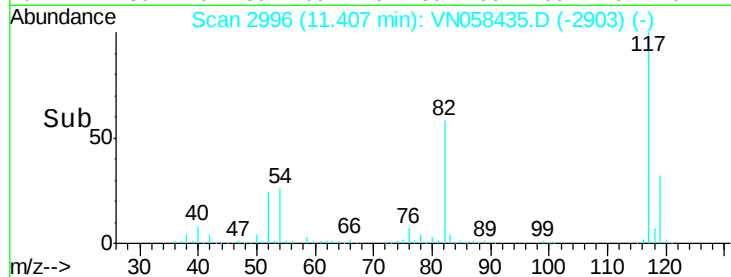
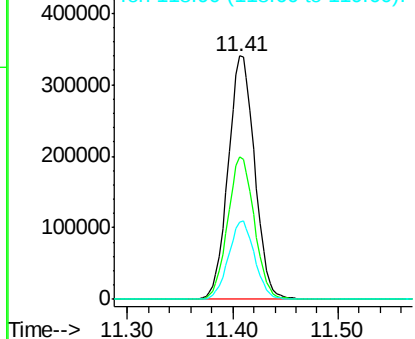
#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-MW131I-20190924

Tot Ion:117 Resp: 590577
 Ion Ratio Lower Upper
 117 100
 82 58.5 47.4 71.0
 119 32.0 25.5 38.3

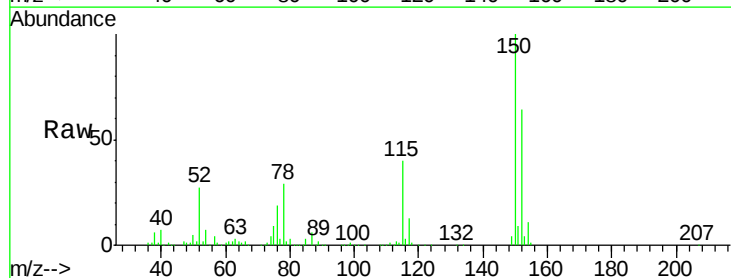


Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 82.00 (81.70 to 82.70): V
 Ion 118.90 (118.60 to 119.60): V



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.35 min Scan# 3600
 Delta R.T. 0.00 min
 Lab File: VN058435.D
 Acq: 30 Sep 2019 15:11

Tgt Ion:152 Resp: 226632
 Ion Ratio Lower Upper
 152 100
 115 61.9 30.0 90.0
 150 157.0 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

