

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080219\
 Data File : VN057055.D
 Acq On : 2 Aug 2019 10:49
 Operator : JC/SP
 Sample : K4118-23
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20190731

Quant Time: Aug 03 04:41:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

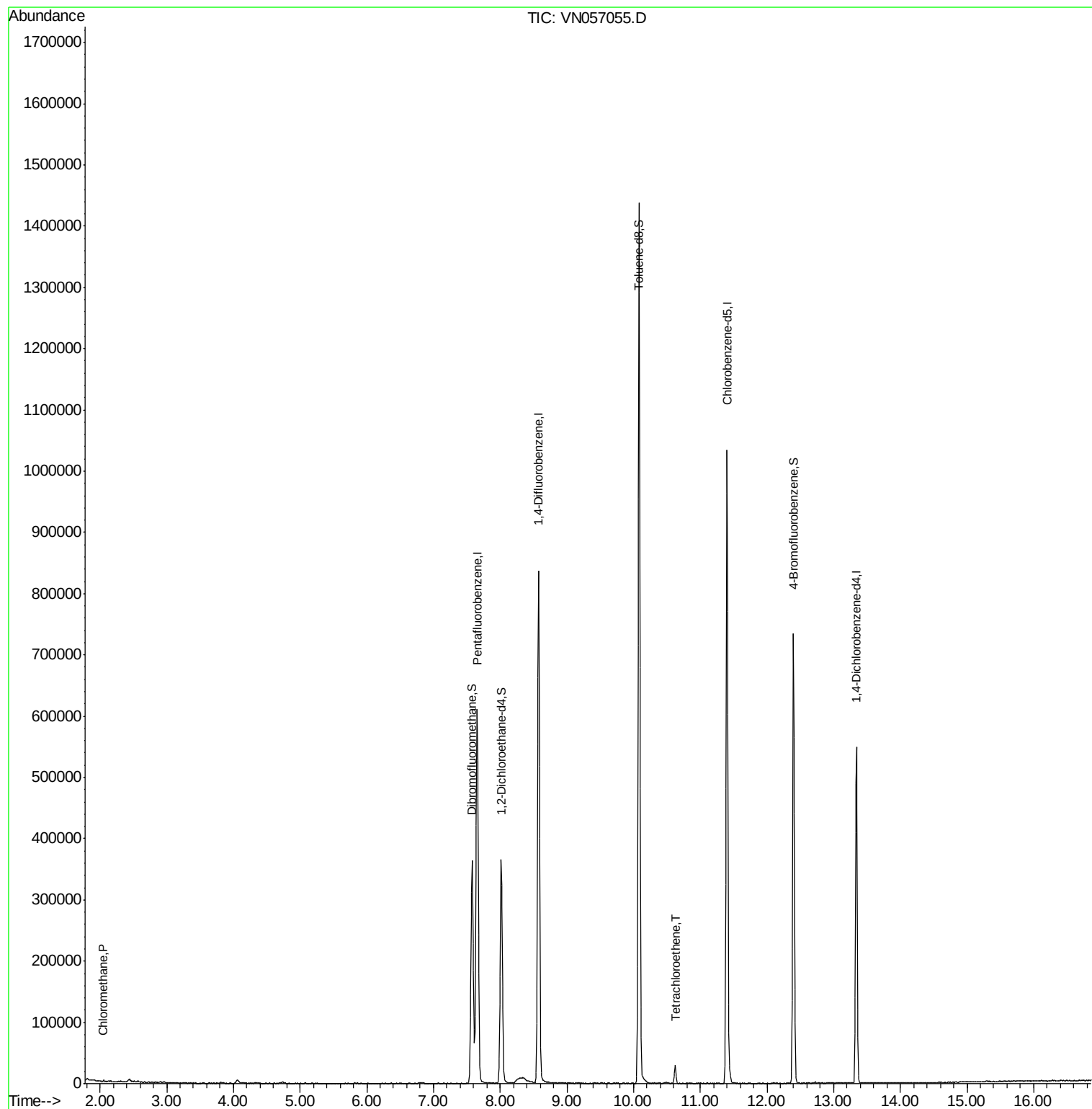
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	550563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	796679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	655580	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	168489	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	308579	54.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.50%	
35) Dibromofluoromethane	7.58	113	281686	55.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	110.46%	
50) Toluene-d8	10.08	98	1051547	54.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.14%	
62) 4-Bromofluorobenzene	12.40	95	262888	41.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	83.04%	
Target Compounds						
3) Chloromethane	2.05	50	1867	0.280	ug/l	89
64) Tetrachloroethene	10.63	164	6775	1.199	ug/l #	87

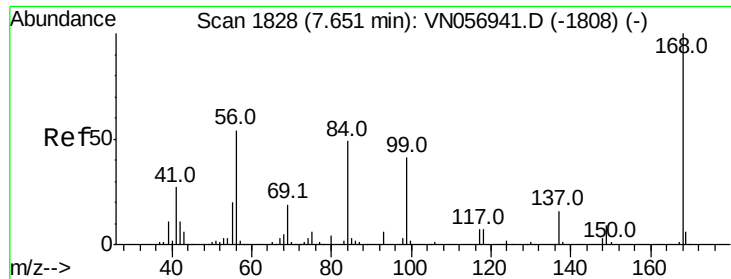
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 01:33:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. 0.00 min

Lab File: VN057055.D

Acq: 2 Aug 2019 10:49

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MSVOA_N

ClientSampleId :

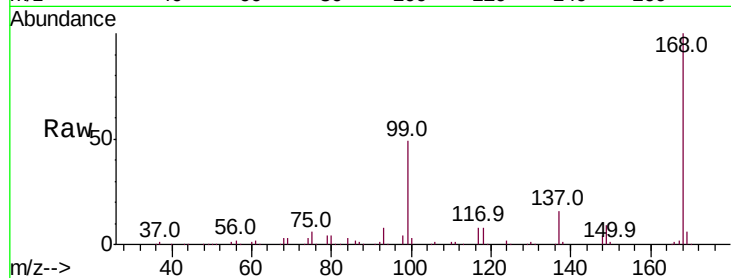
SA-PZ13311-20190731

Tot Ion:168 Resp: 550563

Ion Ratio Lower Upper

168 100

99 48.8 39.0 58.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN0

7.65

250000

200000

150000

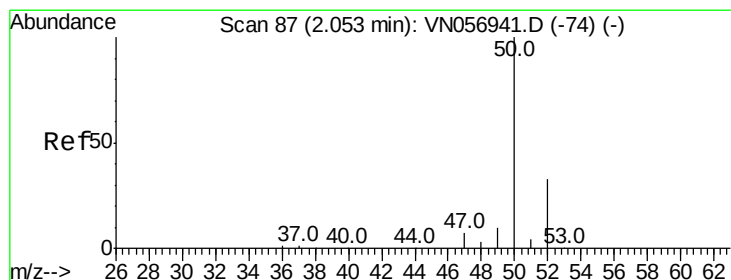
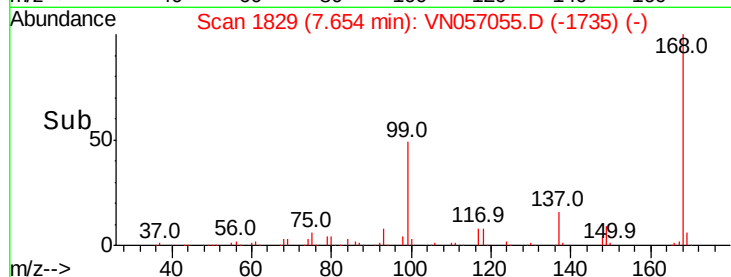
100000

50000

0

7.60 7.70 7.80

Time-->



#3

Chloromethane

Concen: 0.280 ug/l

RT: 2.05 min Scan# 87

Delta R.T. -0.00 min

Lab File: VN057055.D

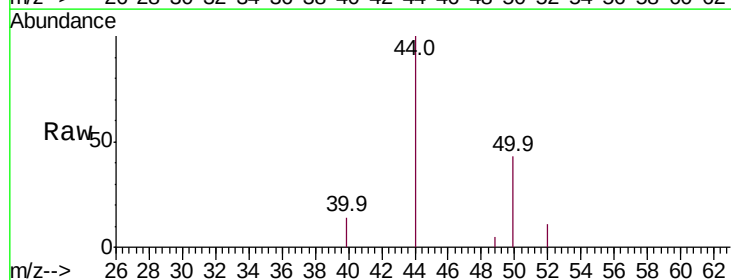
Acq: 2 Aug 2019 10:49

Tgt Ion: 50 Resp: 1867

Ion Ratio Lower Upper

50 100

52 26.3 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0

2.05

1500

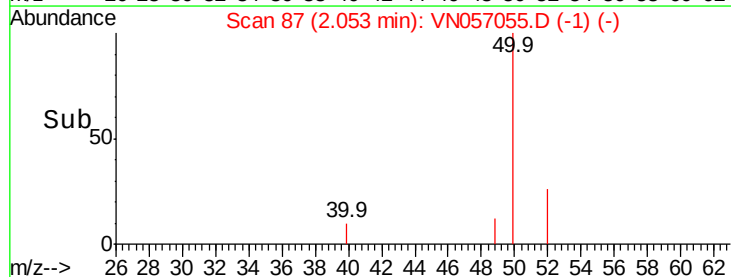
1000

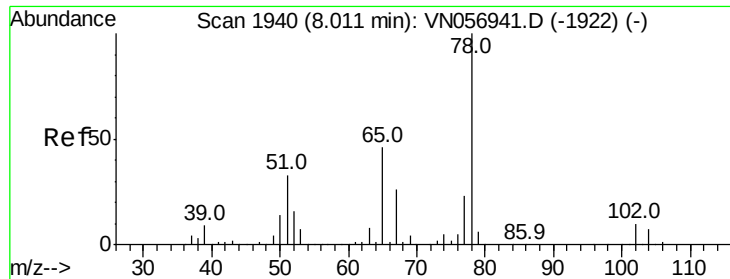
500

0

2.02 2.04 2.06 2.08 2.10

Time-->

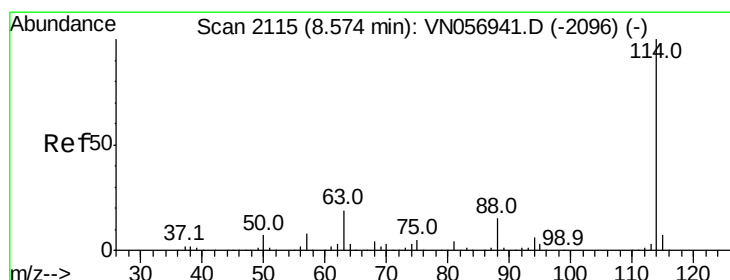
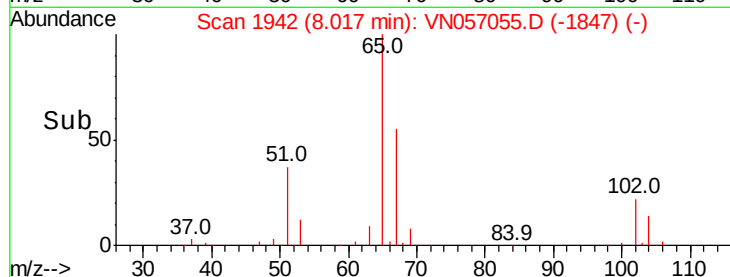
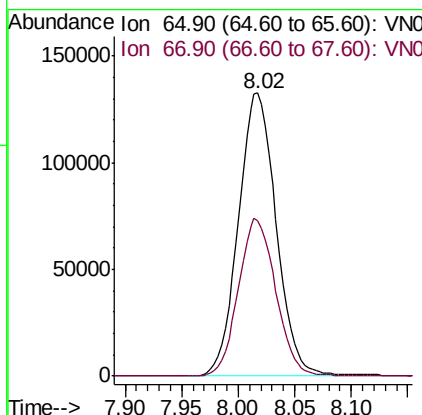
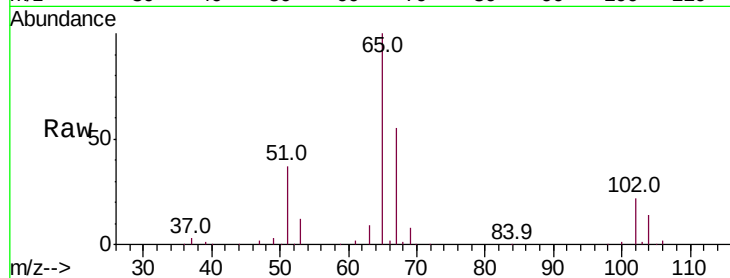




#33
 1,2-Dichloroethane-d4
 Concen: 54.753 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: VN057055.D
 Acq: 2 Aug 2019 10:49

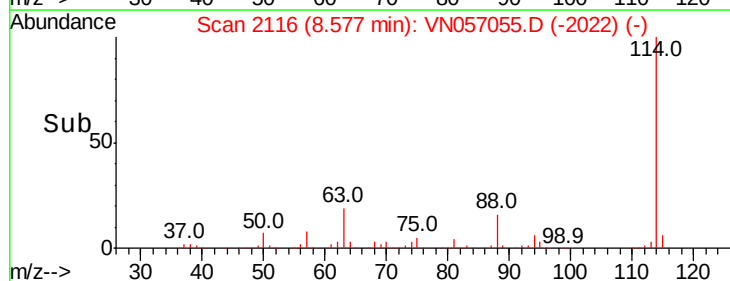
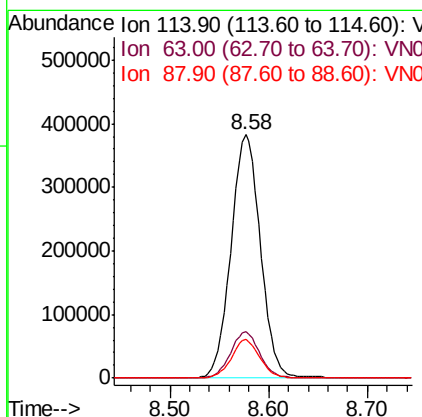
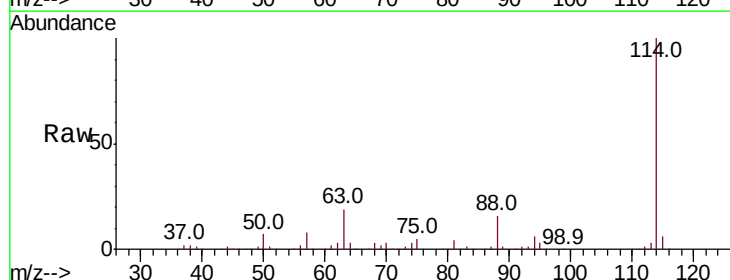
Instrument :
 MSVOA_N
 ClientSampleId :
 SA-PZ13311-20190731

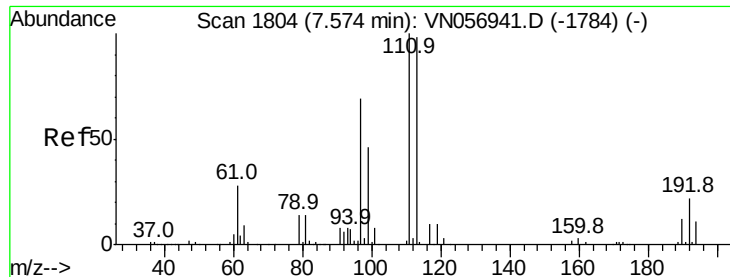
Tot Ion: 65 Resp: 308579
 Ion Ratio Lower Upper
 65 100
 67 55.3 0.0 112.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. 0.00 min
 Lab File: VN057055.D
 Acq: 2 Aug 2019 10:49

Tgt Ion: 114 Resp: 796679
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.0
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 55.232 ug/l

RT: 7.58 min Scan# 1806

Delta R.T. 0.01 min

Lab File: VN057055.D

Acq: 2 Aug 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ13311-20190731

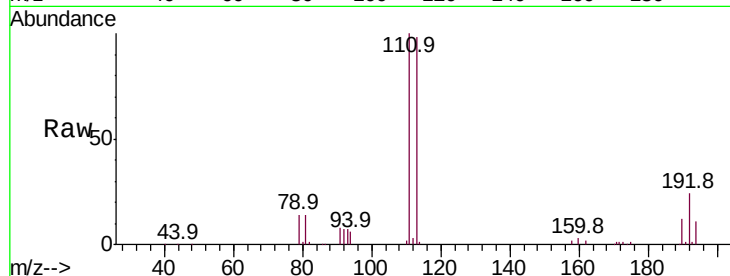
Tot Ion:113 Resp: 281686

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

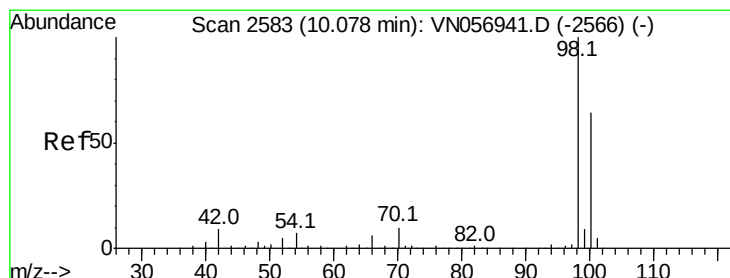
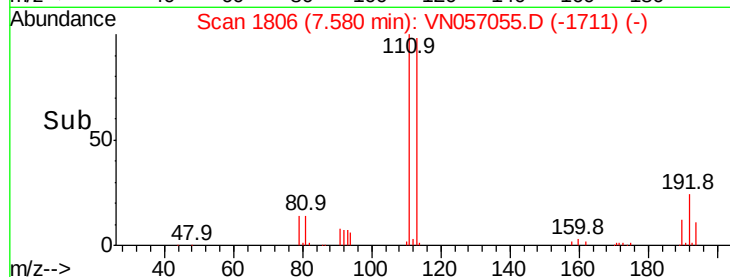
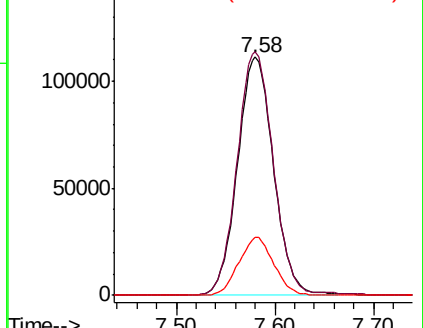
192 23.7 18.4 27.6



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: 54.067 ug/l

RT: 10.08 min Scan# 2584

Delta R.T. 0.00 min

Lab File: VN057055.D

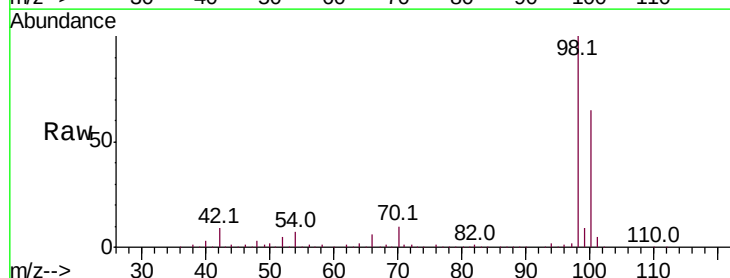
Acq: 2 Aug 2019 10:49

Tgt Ion: 98 Resp: 1051547

Ion Ratio Lower Upper

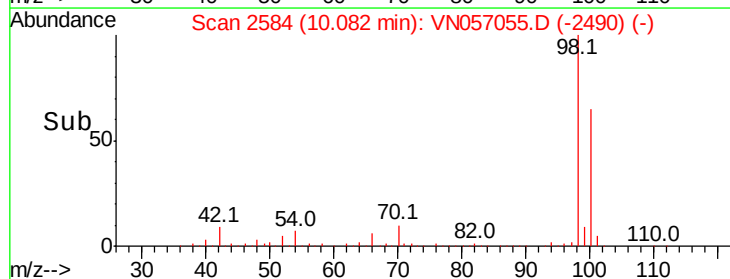
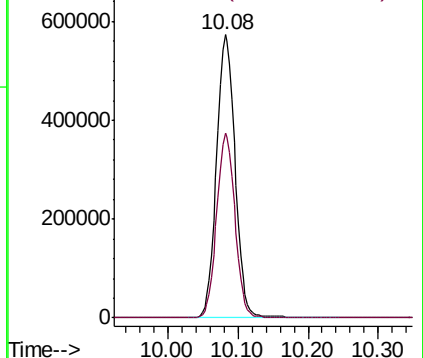
98 100

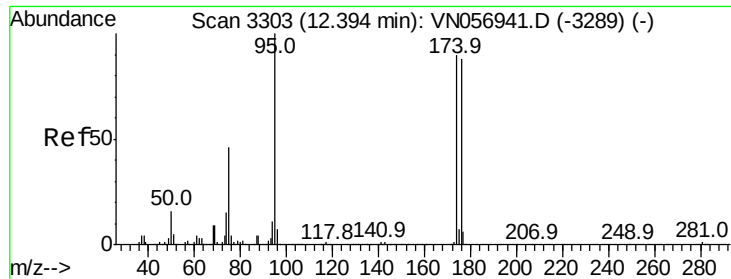
100 64.5 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VN

Ion 100.00 (99.70 to 100.70): VN

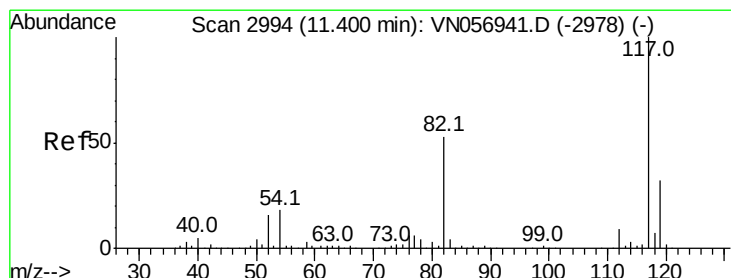
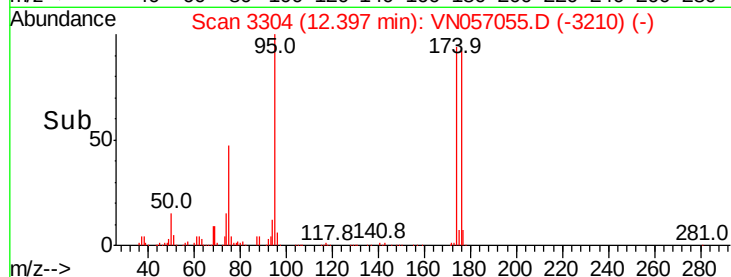
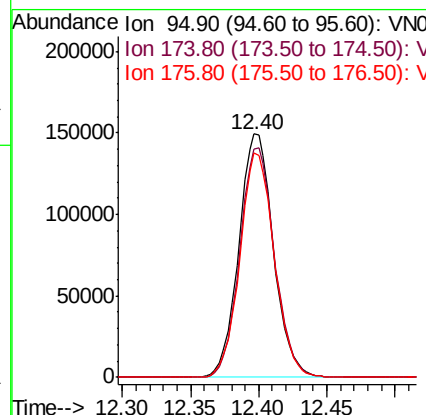
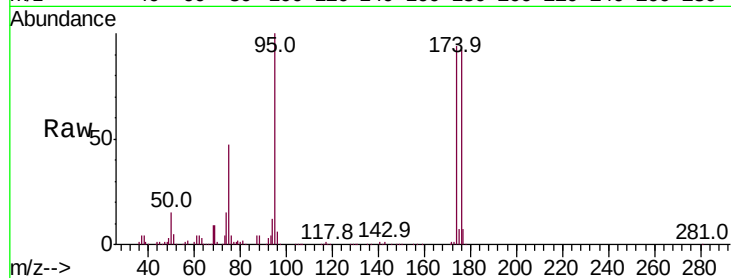




#62
4-Bromofluorobenzene
Concen: 41.521 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057055.D
Acq: 2 Aug 2019 10:49

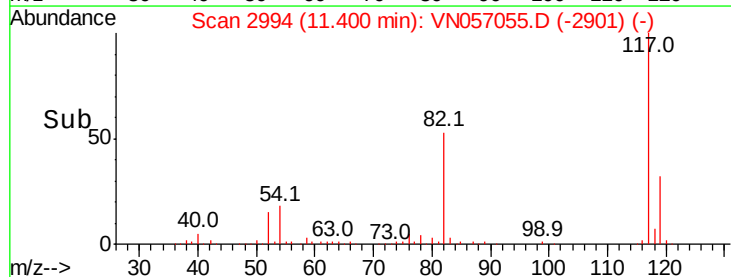
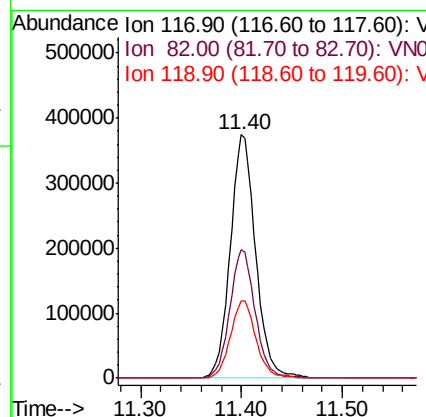
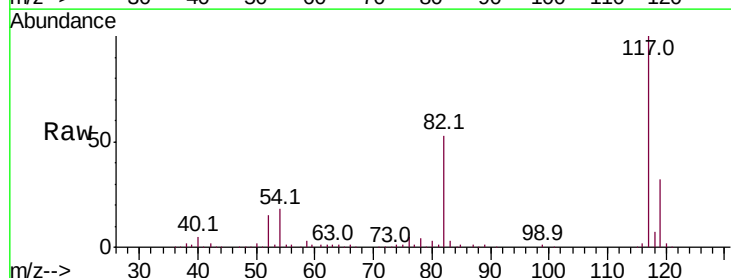
Instrument :
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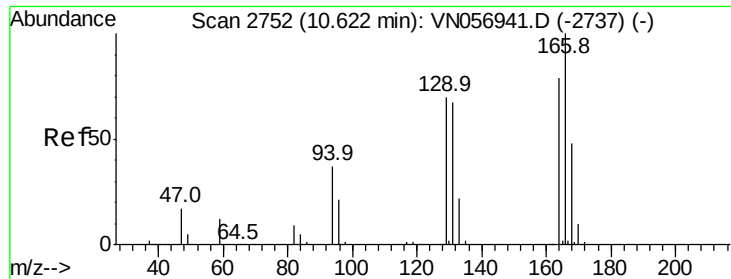
Tot Ion: 95 Resp: 262888
Ion Ratio Lower Upper
95 100
174 94.7 0.0 182.2
176 91.7 0.0 179.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057055.D
Acq: 2 Aug 2019 10:49

Tgt Ion: 117 Resp: 655580
Ion Ratio Lower Upper
117 100
82 52.6 42.2 63.4
119 31.7 25.8 38.6





#64

Tetrachloroethene

Concen: 1.199 ug/l

RT: 10.63 min Scan# 2753

Delta R.T. 0.00 min

Lab File: VN057055.D

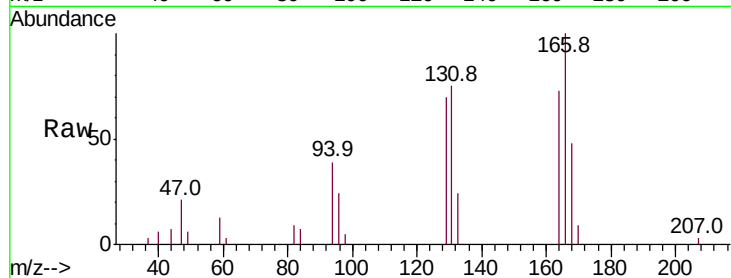
Acq: 2 Aug 2019 10:49

Instrument :

MSVOA_N

ClientSampleId :

SA-PZ13311-20190731



Tot Ion:164 Resp: 6775

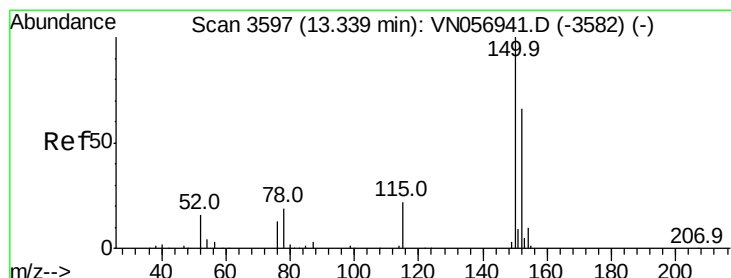
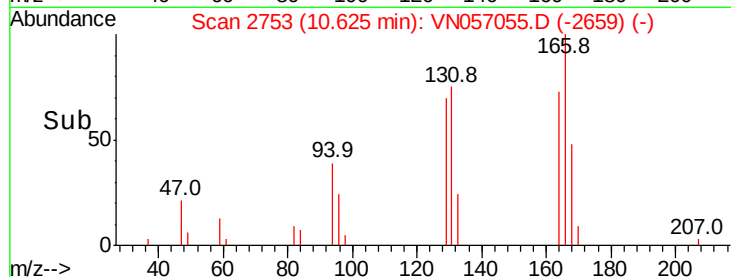
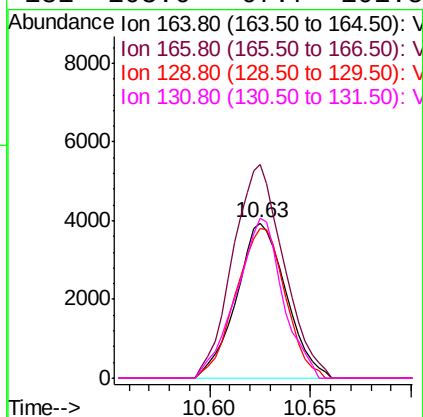
Ion Ratio Lower Upper

164 100

166 137.8 101.1 151.7

129 96.4 70.9 106.3

131 103.6 67.7 101.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057055.D

Acq: 2 Aug 2019 10:49

Tgt Ion:152 Resp: 168489

Ion Ratio Lower Upper

152 100

115 55.6 28.2 84.6

150 156.0 0.0 349.4

