

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090319\
 Data File : VN057669.D
 Acq On : 3 Sep 2019 18:13
 Operator : JC/SP
 Sample : K4651-01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT-TB-20190830

Quant Time: Sep 04 03:07:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Sep 04 02:08:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	57563	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.58	114	344562	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	261757	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.02	65	187213	30.59	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.97%
60) 4-Bromofluorobenzene	12.40	95	101971	22.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.00%
63) Toluene-d8	10.09	98	419602	33.29	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	110.97%

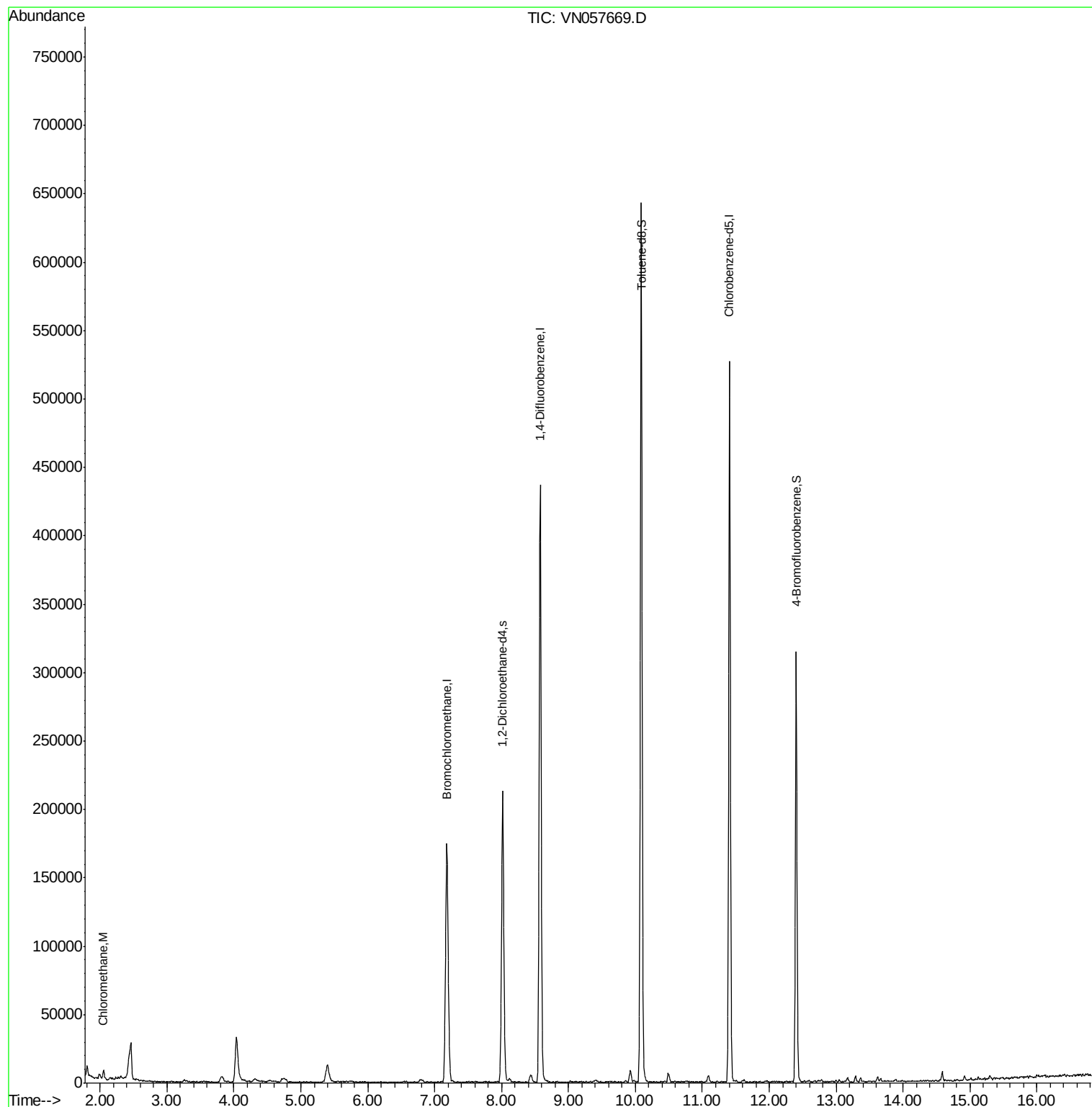
Target Compounds					Ovalue
3) Chloromethane	2.05	50	4324	0.989 ug/l	97

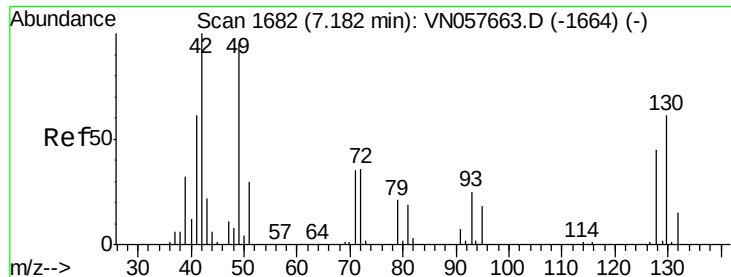
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1683

Delta R.T. 0.00 min

Lab File: VN057669.D

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ClientSampleId :

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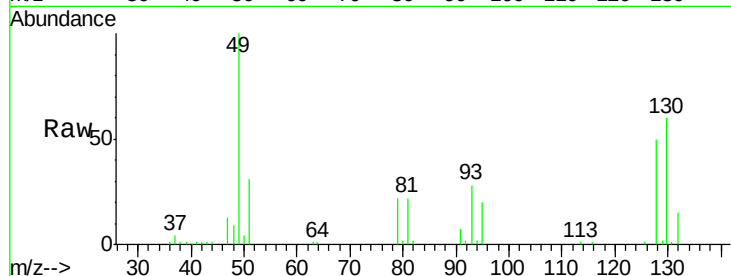
Tot Ion:128 Resp: 57563

Ion Ratio Lower Upper

128 100

49 205.9 0.0 544.5

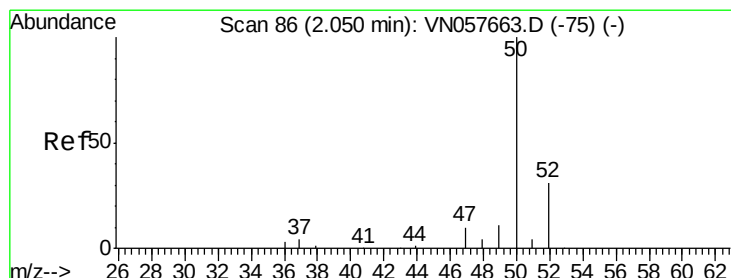
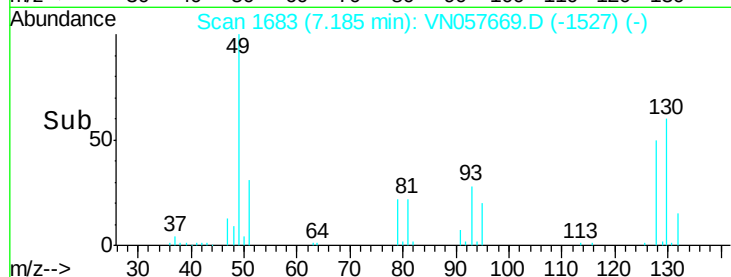
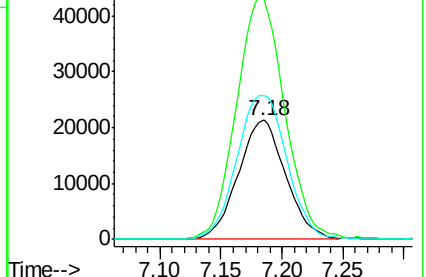
130 127.8 0.0 324.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): V

Ion 130.00 (129.70 to 130.70): V



#3

Chloromethane

Concen: 0.989 ug/l

RT: 2.05 min Scan# 86

Delta R.T. -0.00 min

Lab File: VN057669.D

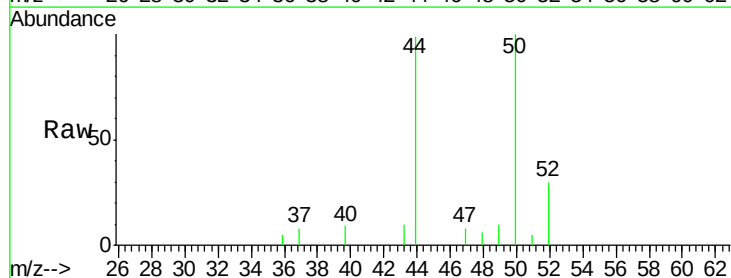
Acq: 3 Sep 2019 18:13

Tgt Ion: 50 Resp: 4324

Ion Ratio Lower Upper

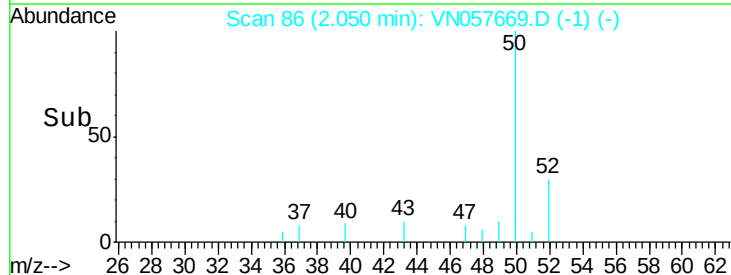
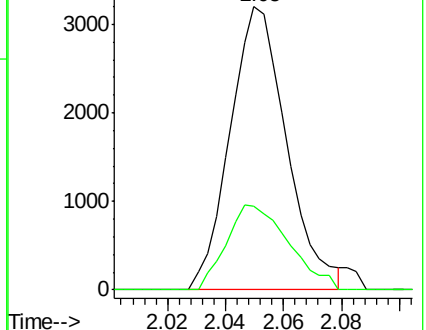
50 100

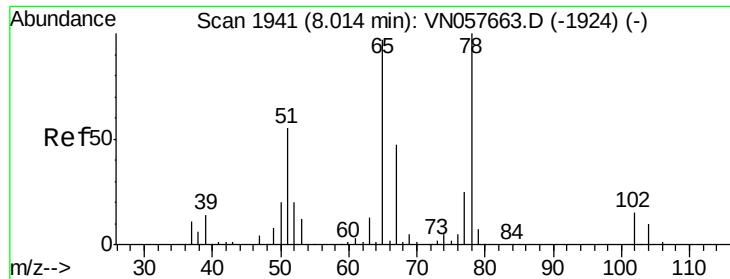
52 29.7 25.2 37.8



Abundance Ion 50.00 (49.70 to 50.70): V

Ion 52.00 (51.70 to 52.70): V

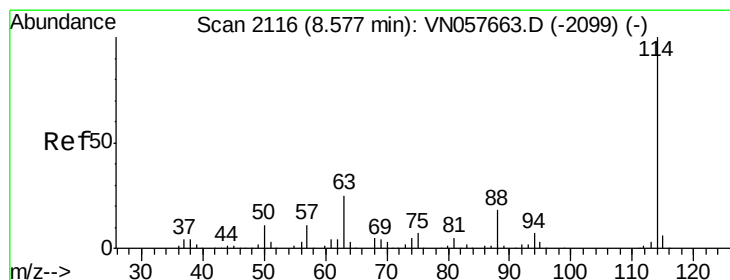
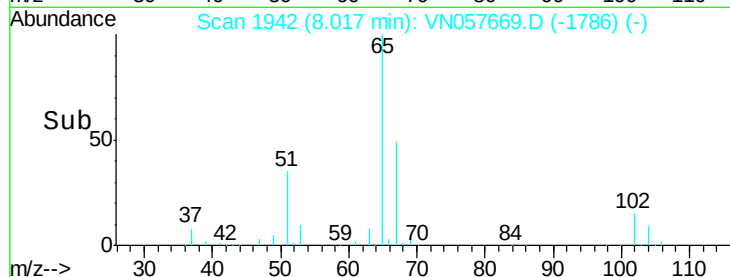
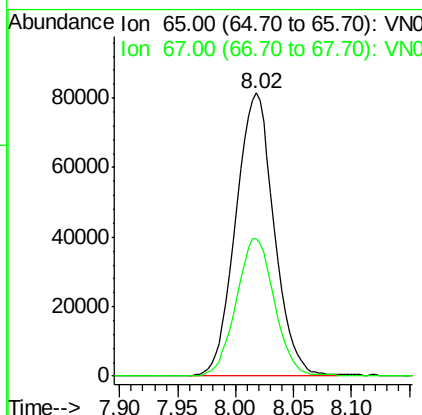
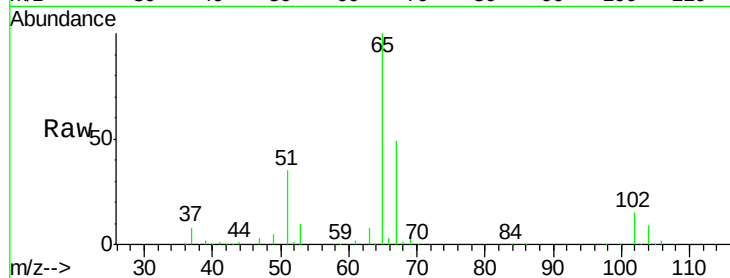




#27
 1,2-Dichloroethane-d4
 Concen: 30.594 ug/l
 RT: 8.02 min Scan# 1942
 Delta R.T. 0.00 min
 Lab File: VN057669.D
 Acq: 3 Sep 2019 18:13

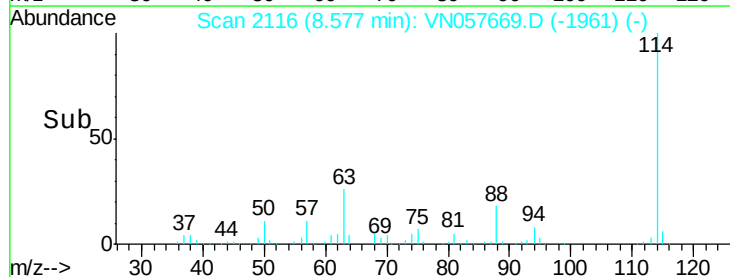
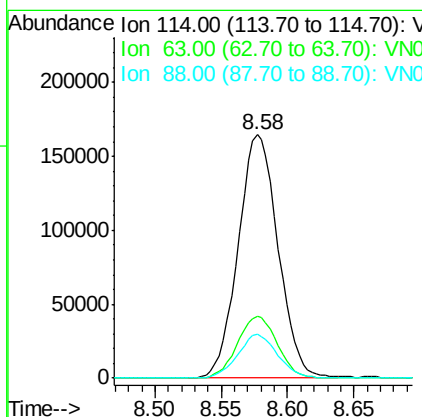
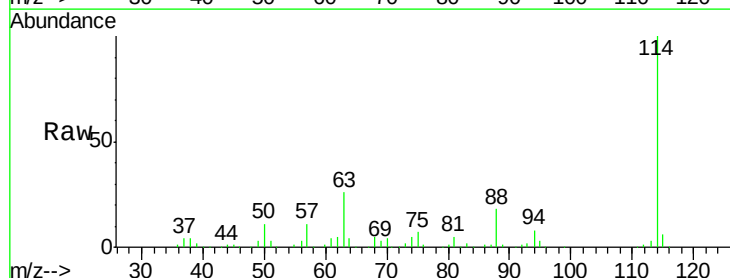
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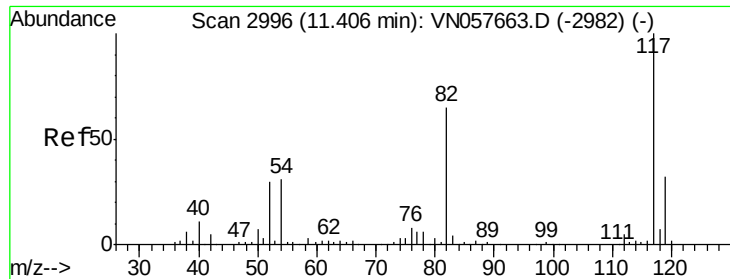
Tot Ion: 65 Resp: 187213
 Ion Ratio Lower Upper
 65 100
 67 48.3 38.6 57.8



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.58 min Scan# 2116
 Delta R.T. -0.00 min
 Lab File: VN057669.D
 Acq: 3 Sep 2019 18:13

Tgt Ion: 114 Resp: 344562
 Ion Ratio Lower Upper
 114 100
 63 25.5 20.6 30.8
 88 17.9 14.3 21.5

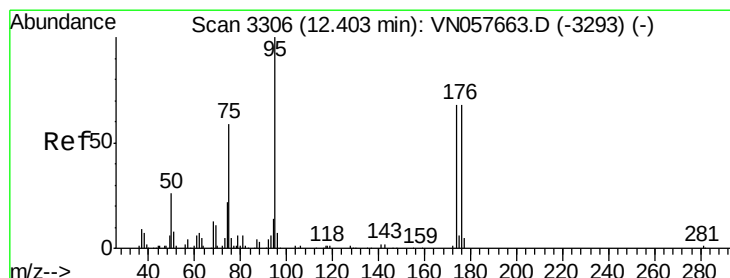
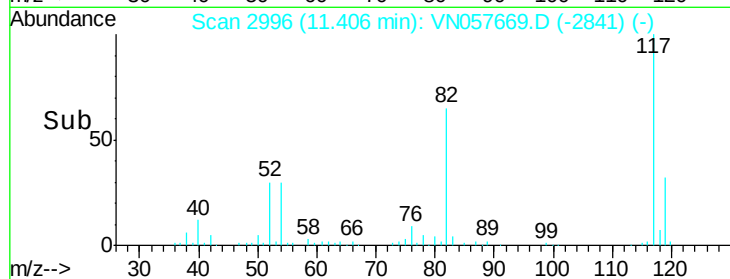
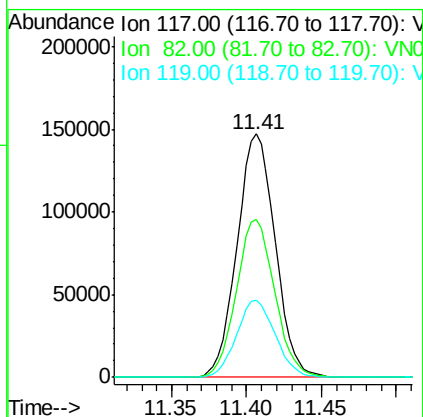
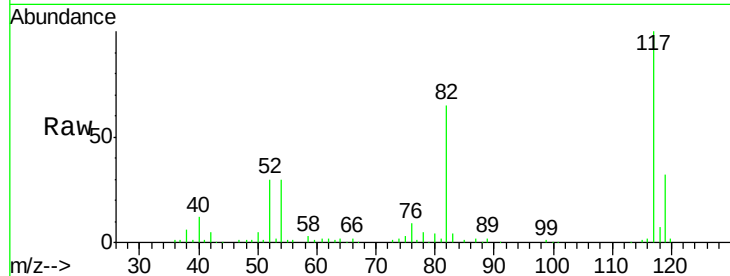




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN057669.D
Acq: 3 Sep 2019 18:13

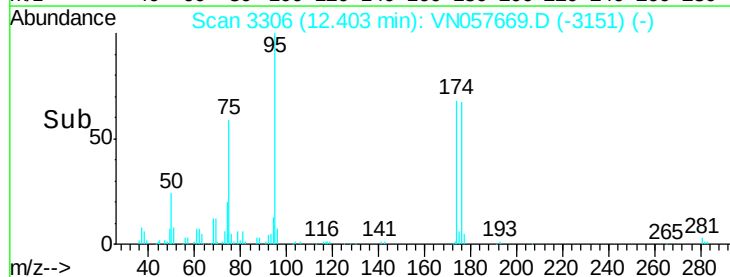
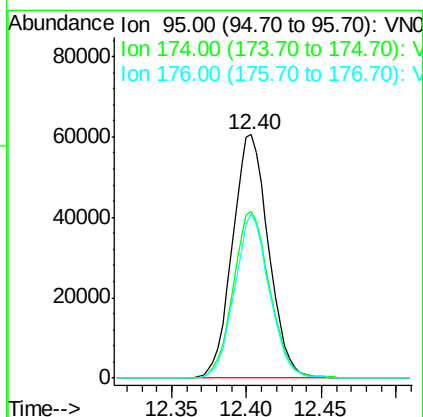
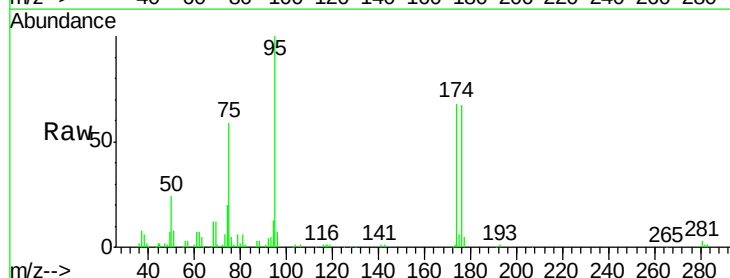
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TT-TB-20190830

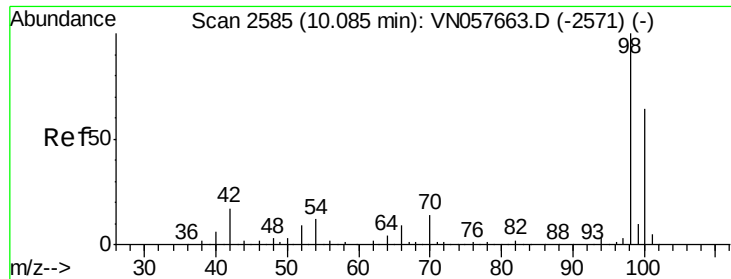
Tot Ion:117 Resp: 261757
Ion Ratio Lower Upper
117 100
82 65.0 51.2 76.8
119 32.1 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 22.802 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. -0.00 min
Lab File: VN057669.D
Acq: 3 Sep 2019 18:13

Tgt Ion: 95 Resp: 101971
Ion Ratio Lower Upper
95 100
174 69.0 55.0 82.6
176 64.9 53.7 80.5





#63

Toluene-d8

Concen: 33.290 ug/l

RT: 10.09 min Scan# 2586

Delta R.T. 0.00 min

Lab File: VN057669.D

Acq: 3 Sep 2019 18:13

Instrument :

MSVOA_N

ClientSampleId :

TT-TB-20190830

Tot Ion: 98 Resp: 419602

Ion Ratio Lower Upper

98 100

100 63.5 51.0 76.6

