

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN092019\
 Data File : VN058236.D
 Acq On : 20 Sep 2019 9:52
 Operator : JC/SP
 Sample : K4949-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390918738-TRIP-BLANK

Quant Time: Sep 23 15:14:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N090919W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Sep 09 12:14:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	61121	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	362199	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	305533	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	170475	31.53	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.10%
60) 4-Bromofluorobenzene	12.40	95	142080	27.18	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.60%
63) Toluene-d8	10.08	98	447241	30.50	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	101.67%

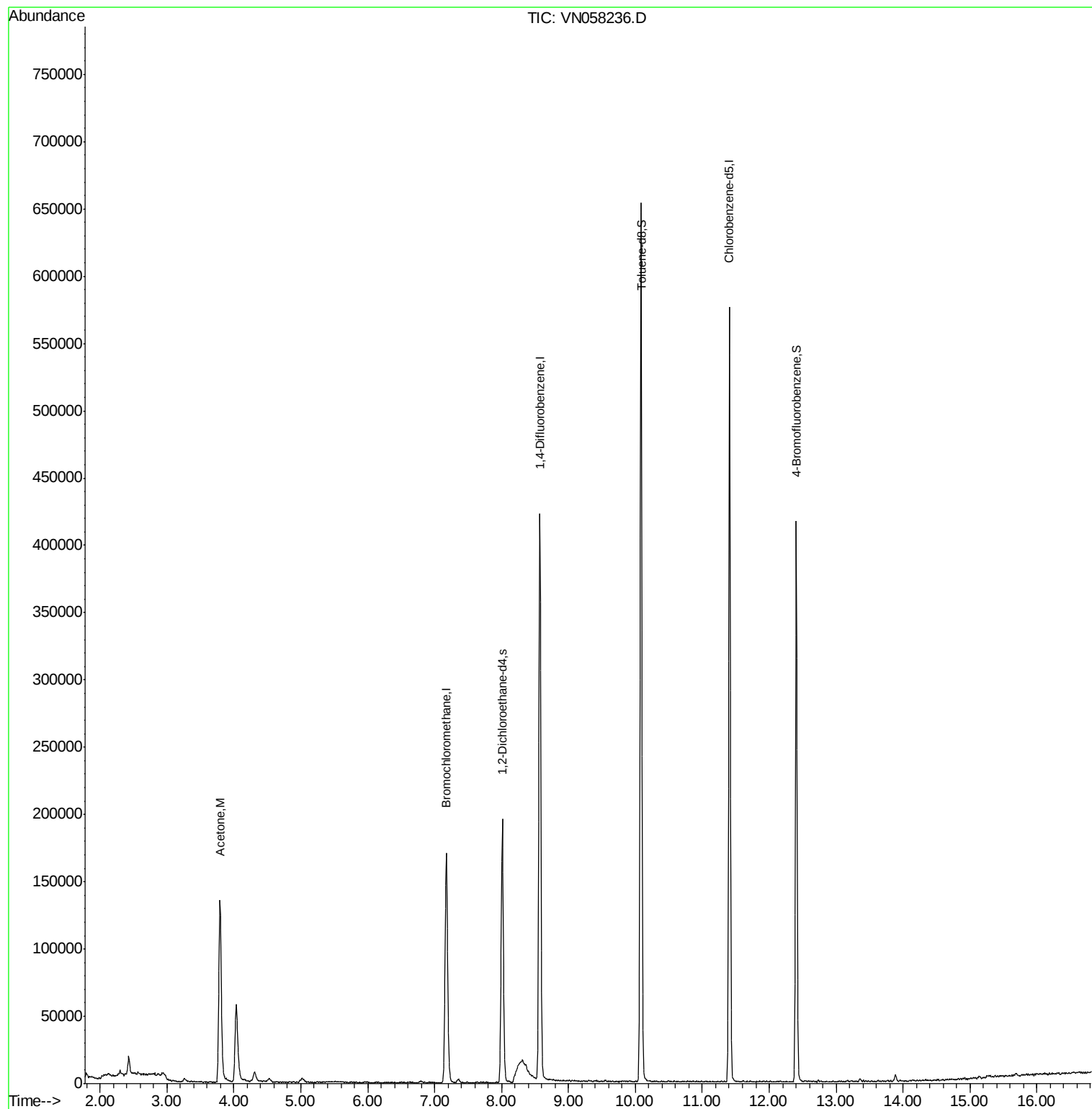
Target Compounds					Ovalue
15) Acetone	3.79	58	65107	126.838	ug/l 97

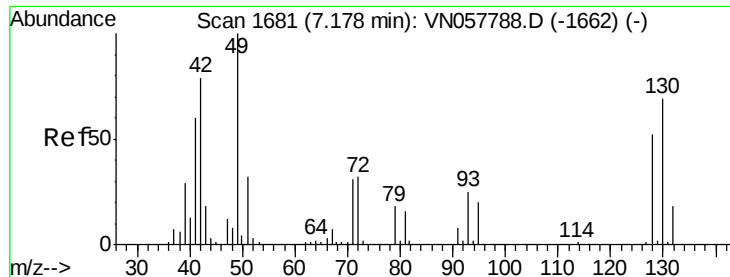
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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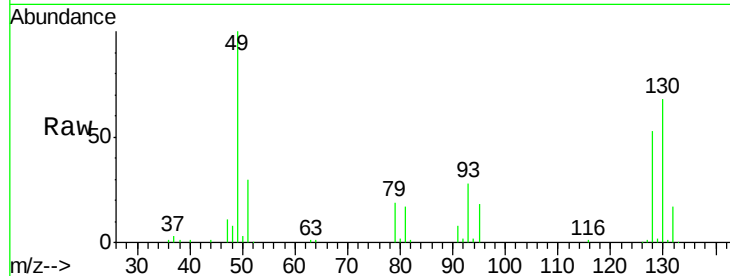




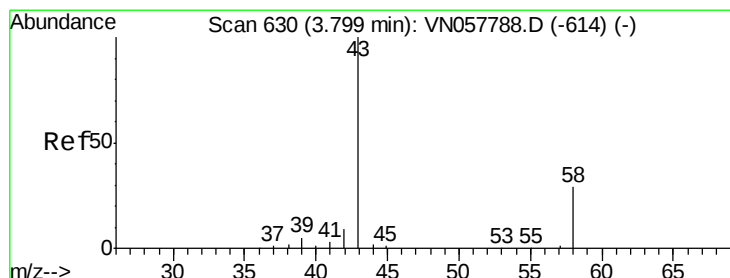
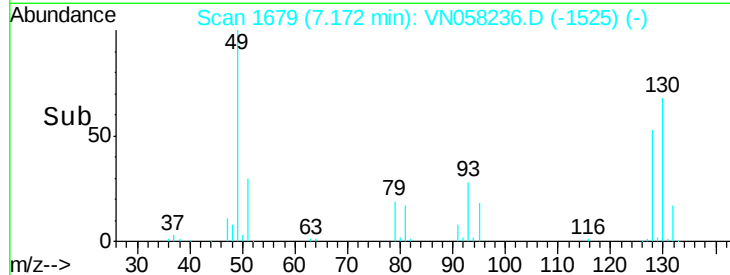
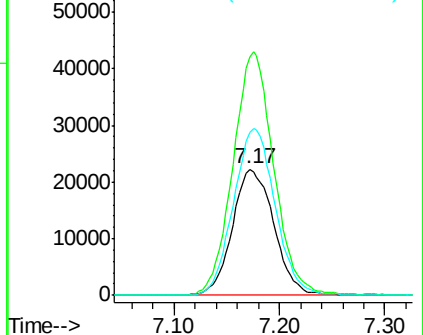
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.17 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: VN058236.D
 Acq: 20 Sep 2019 9:52

Instrument :
 MSVOA_N
 ClientSampleId :
 390918738-TRIP-BLANK

Tot Ion:128 Resp: 61121
 Ion Ratio Lower Upper
 128 100
 49 188.4 0.0 486.5
 130 132.0 0.0 324.5

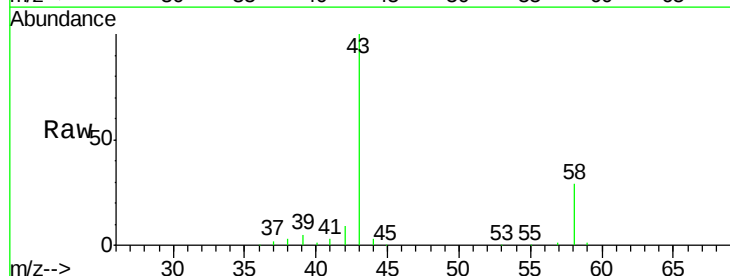


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): V
 Ion 130.00 (129.70 to 130.70): V

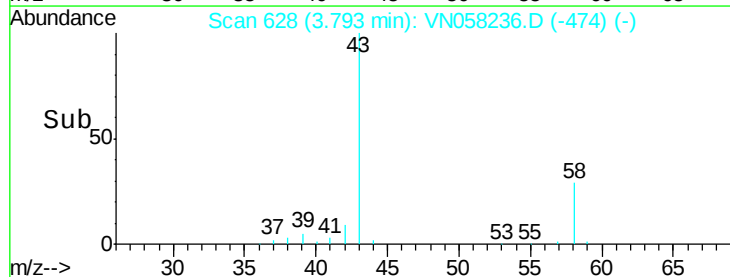
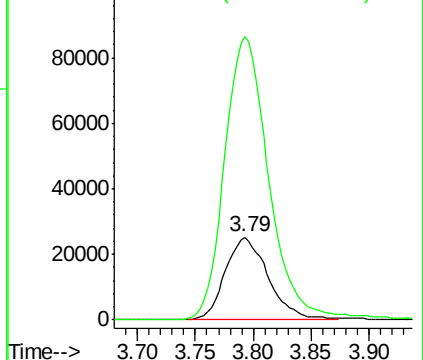


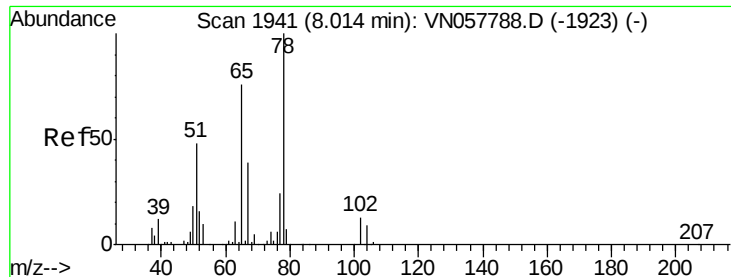
#15
 Acetone
 Concen: 126.838 ug/l
 RT: 3.79 min Scan# 628
 Delta R.T. -0.01 min
 Lab File: VN058236.D
 Acq: 20 Sep 2019 9:52

Tgt Ion: 58 Resp: 65107
 Ion Ratio Lower Upper
 58 100
 43 340.0 277.7 416.5



Abundance Ion 58.00 (57.70 to 58.70): V
 Ion 43.00 (42.70 to 43.70): V





#27

1,2-Dichloroethane-d4

Concen: 31.532 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058236.D

Acq: 20 Sep 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

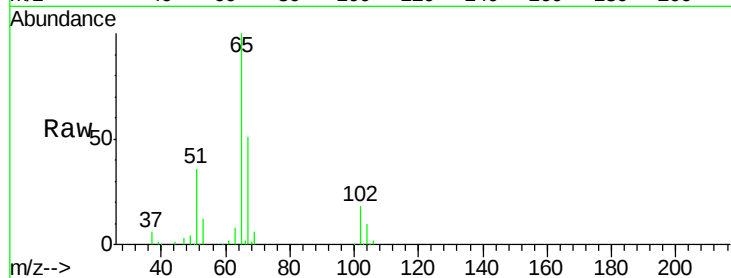
390918738-TRIP-BLANK

Tot Ion: 65 Resp: 170475

Ion Ratio Lower Upper

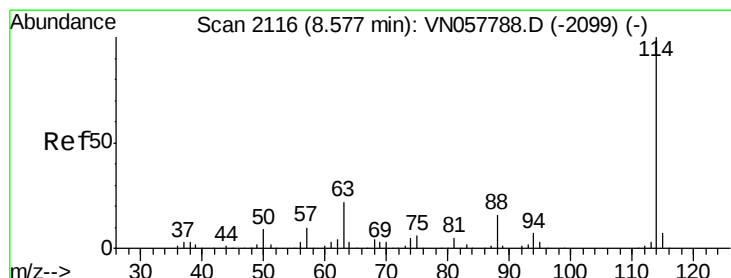
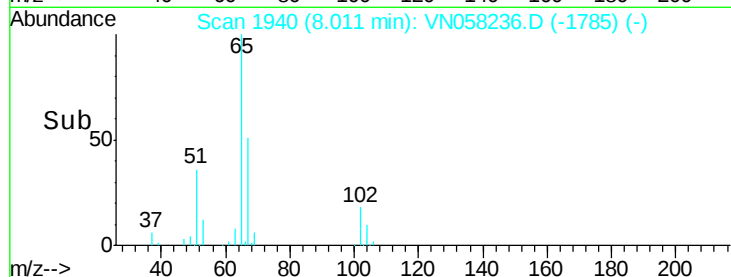
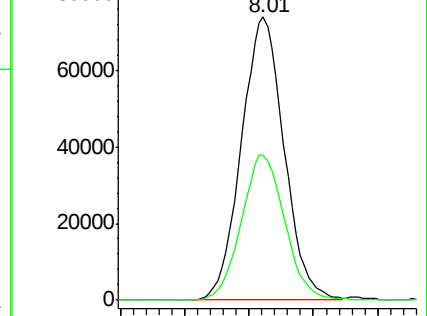
65 100

67 52.1 40.9 61.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058236.D

Acq: 20 Sep 2019 9:52

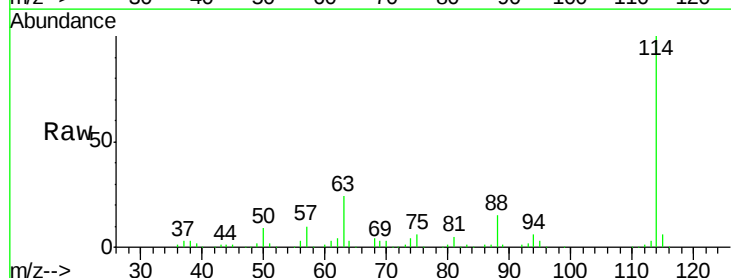
Tgt Ion: 114 Resp: 362199

Ion Ratio Lower Upper

114 100

63 23.2 18.0 27.0

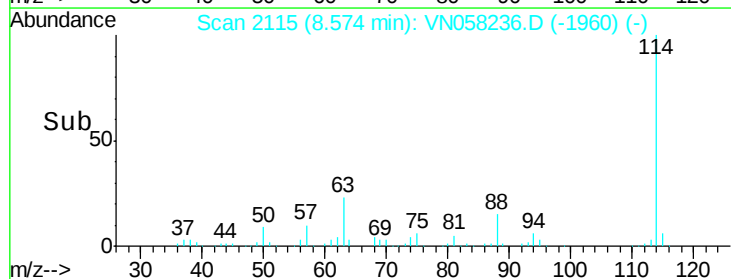
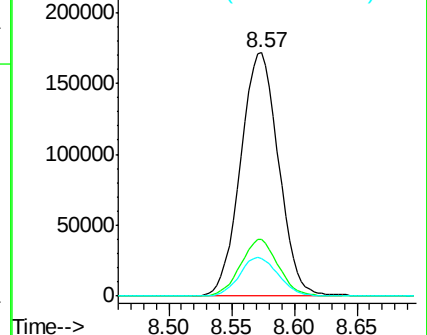
88 16.1 12.6 19.0

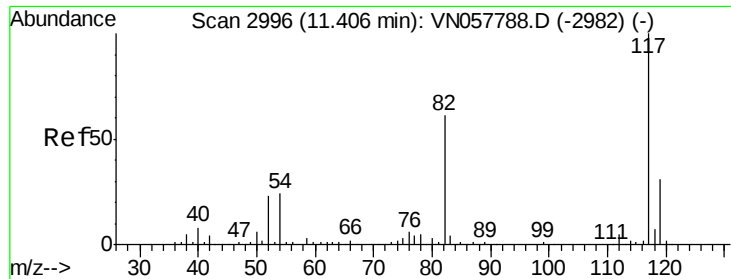


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VN0

Ion 88.00 (87.70 to 88.70): VN0

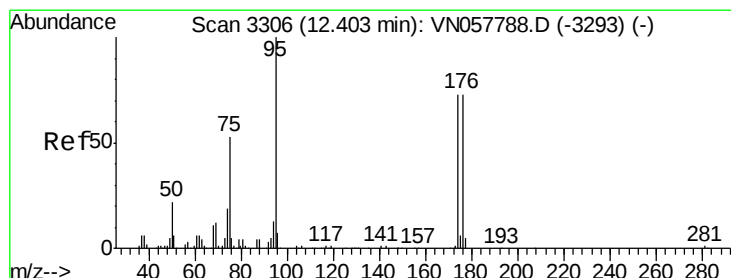
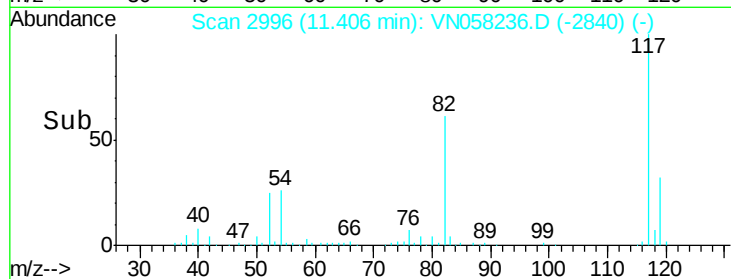
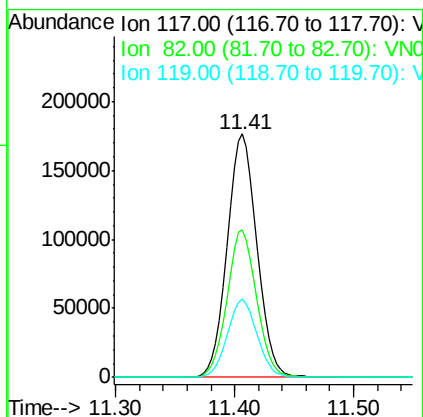
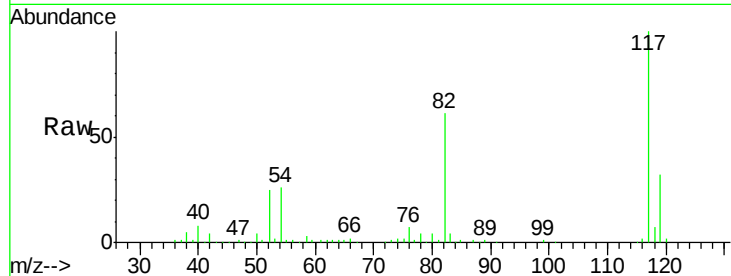




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN058236.D
Acq: 20 Sep 2019 9:52

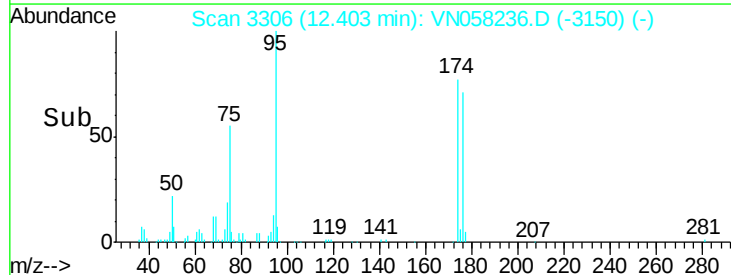
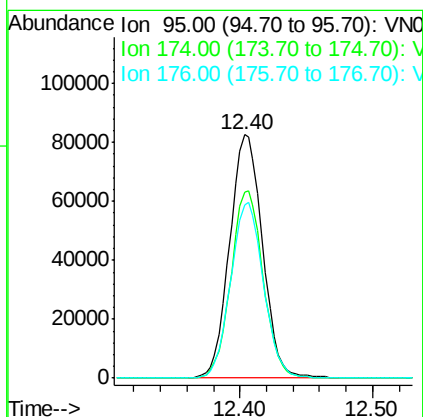
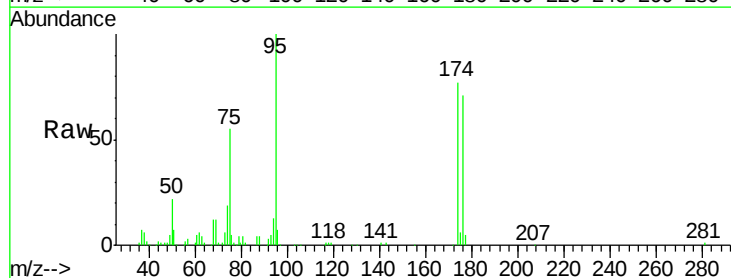
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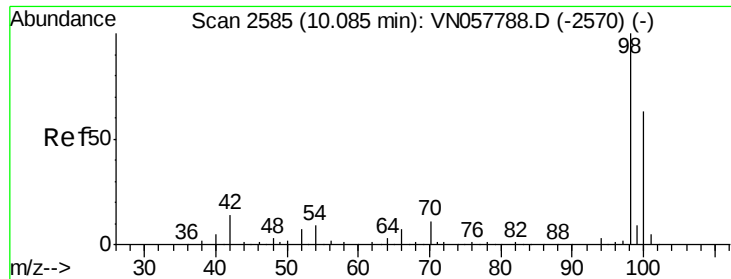
Tot Ion:117 Resp: 305533
Ion Ratio Lower Upper
117 100
82 60.0 47.6 71.4
119 32.0 25.4 38.2



#60
4-Bromofluorobenzene
Concen: 27.176 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN058236.D
Acq: 20 Sep 2019 9:52

Tgt Ion: 95 Resp: 142080
Ion Ratio Lower Upper
95 100
174 75.5 59.4 89.0
176 72.0 57.4 86.0





#63

Toluene-d8

Concen: 30.497 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. 0.00 min

Lab File: VN058236.D

Acq: 20 Sep 2019 9:52

Instrument :

MSVOA_N

ClientSampleId :

390918738-TRIP-BLANK

Tot Ion: 98 Resp: 447241

Ion Ratio Lower Upper

98 100

100 63.0 50.3 75.5

