

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN082319\
 Data File : VN057469.D
 Acq On : 23 Aug 2019 12:59
 Operator : JC/SP
 Sample : K4488-02
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 390821768-TRIP-BLANK

Quant Time: Aug 23 23:45:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 23 23:15:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.18	128	66661	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	371411	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	270910	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	190248	29.60	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	98.67%
60) 4-Bromofluorobenzene	12.40	95	104307	23.35	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	77.83%
63) Toluene-d8	10.09	98	451108	32.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	109.90%

Target Compounds

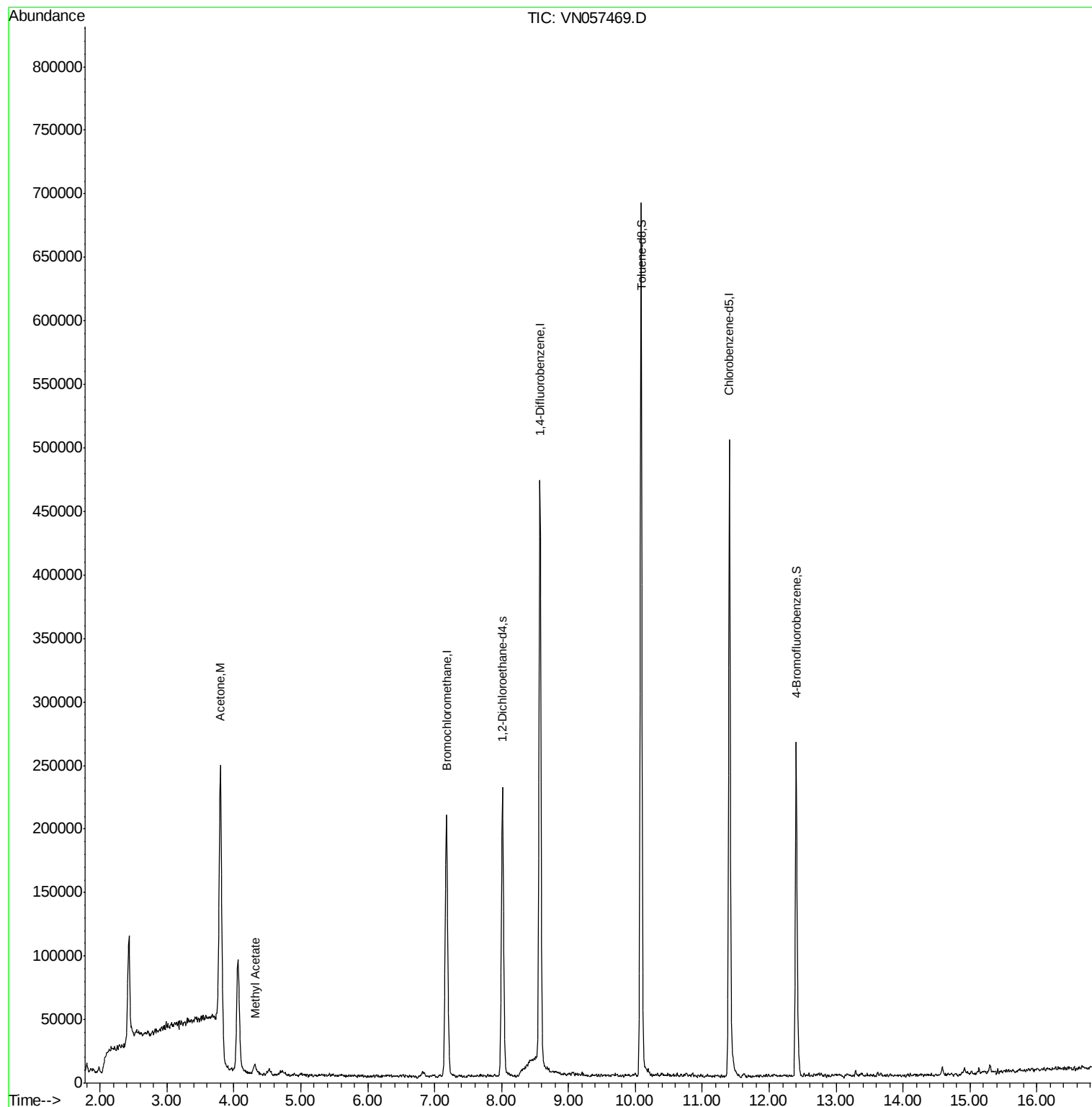
					Ovalue
12) Methyl Acetate	4.31	43	11066	1.909	ug/l 99
15) Acetone	3.80	58	81961	87.010	ug/l 98

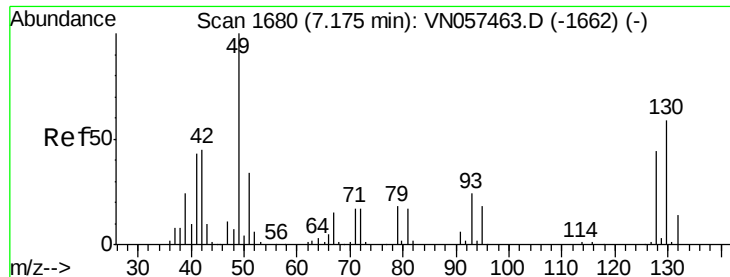
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN082319\
Data File : VN057469.D
Acq On : 23 Aug 2019 12:59
Operator : JC/SP
Sample : K4488-02
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
390821768-TRIP-BLANK

Quant Time: Aug 23 23:45:59 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N082319W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 23 23:15:31 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.18 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VN057469.D

Acq: 23 Aug 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

390821768-TRIP-BLANK

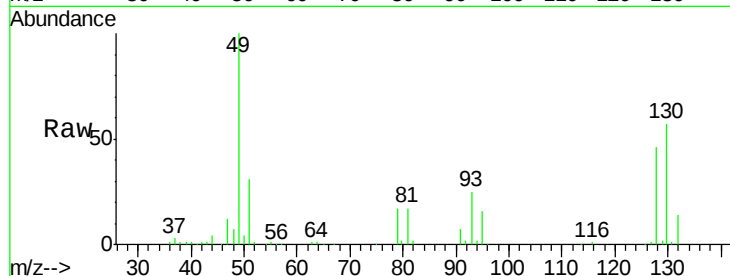
Tot Ion:128 Resp: 66661

Ion Ratio Lower Upper

128 100

49 220.6 0.0 560.5

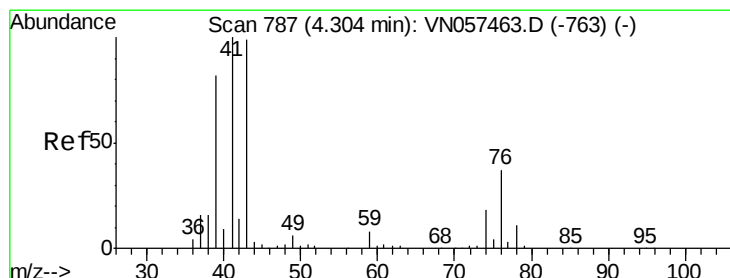
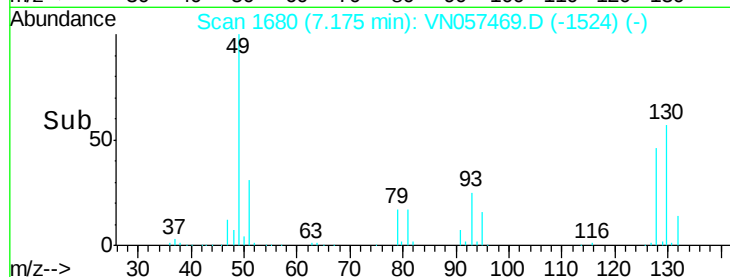
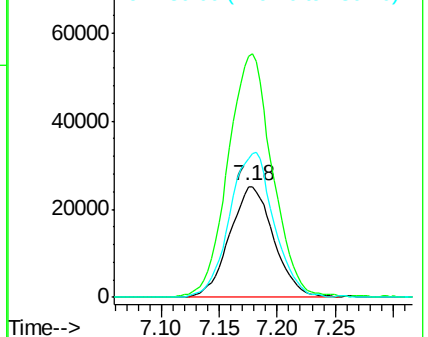
130 130.9 0.0 317.3



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VN0

Ion 130.00 (129.70 to 130.70): V



#12

Methyl Acetate

Concen: 1.909 ug/l

RT: 4.31 min Scan# 790

Delta R.T. 0.01 min

Lab File: VN057469.D

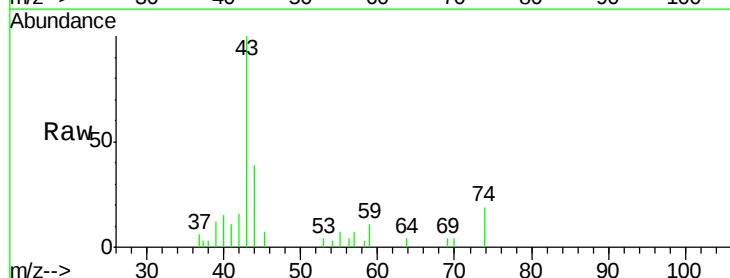
Acq: 23 Aug 2019 12:59

Tgt Ion: 43 Resp: 11066

Ion Ratio Lower Upper

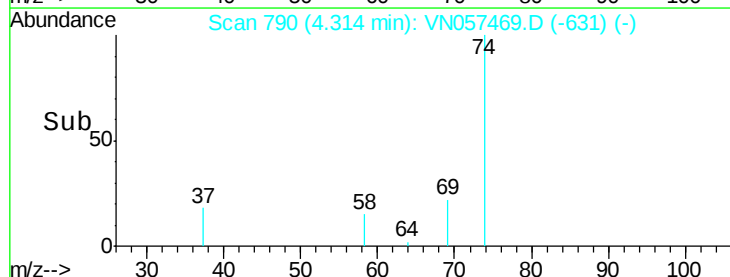
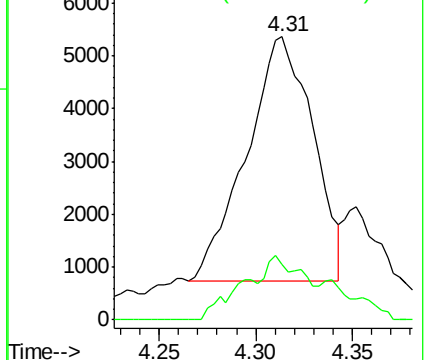
43 100

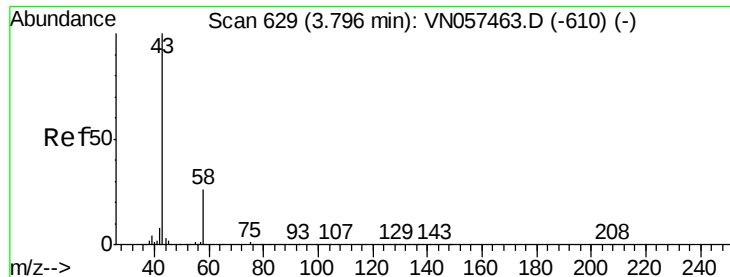
74 17.9 14.6 22.0



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0





#15

Acetone

Concen: 87.010 ug/l

RT: 3.80 min Scan# 629

Delta R.T. 0.00 min

Lab File: VN057469.D

Acq: 23 Aug 2019 12:59

Instrument :

MSVOA_N

ClientSampleId :

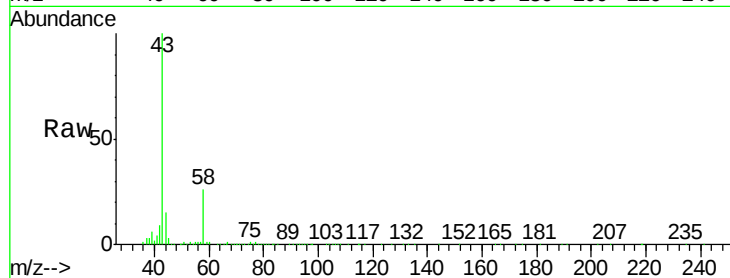
390821768-TRIP-BLANK

Tot Ion: 58 Resp: 81961

Ion Ratio Lower Upper

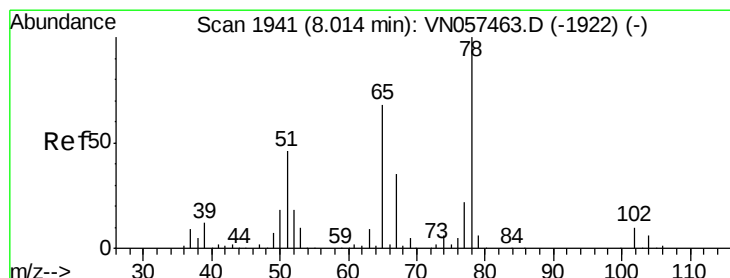
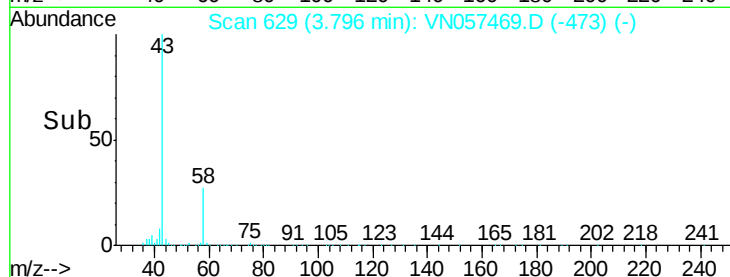
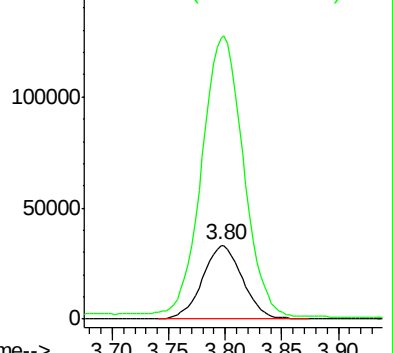
58 100

43 376.8 304.4 456.6



Abundance Ion 58.00 (57.70 to 58.70): VN0

Ion 43.00 (42.70 to 43.70): VN0



#27

1,2-Dichloroethane-d4

Concen: 29.604 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN057469.D

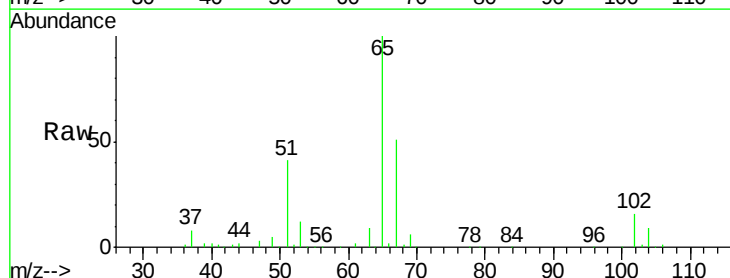
Acq: 23 Aug 2019 12:59

Tgt Ion: 65 Resp: 190248

Ion Ratio Lower Upper

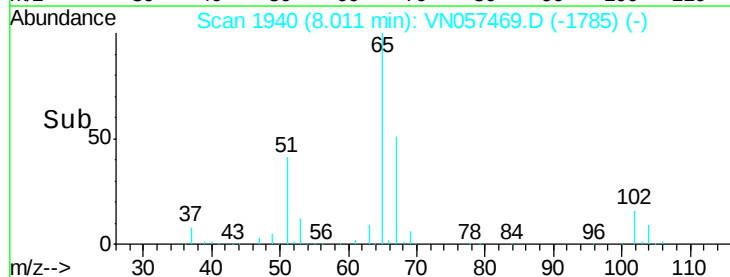
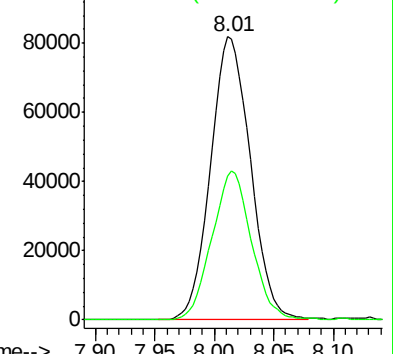
65 100

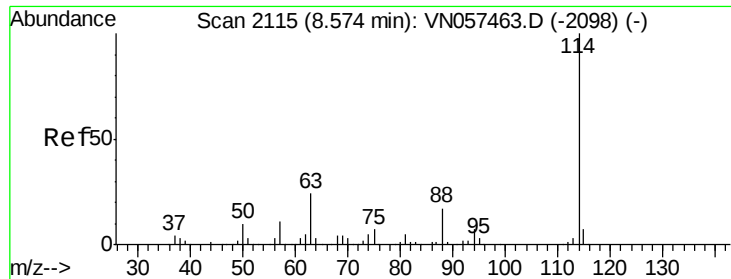
67 51.9 40.2 60.4



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

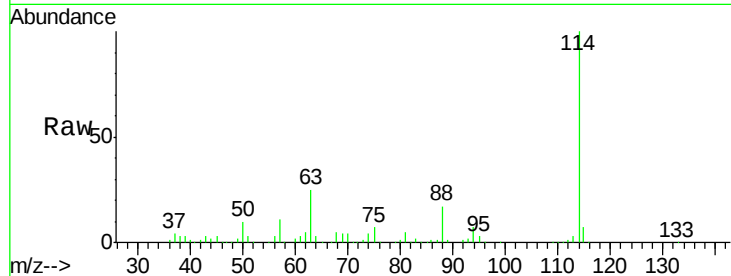




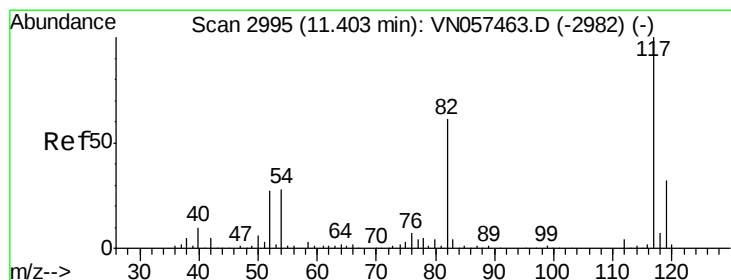
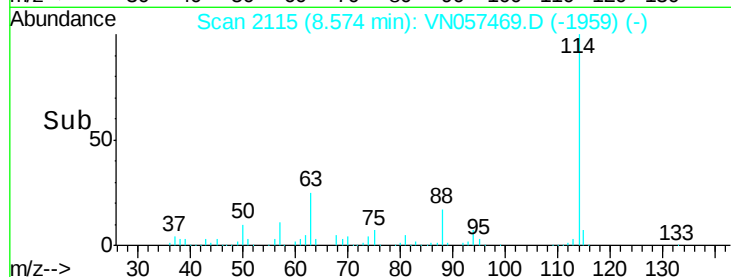
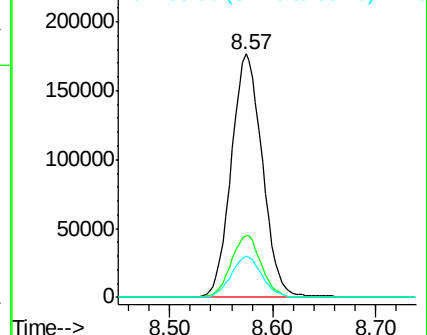
#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. 0.00 min
 Lab File: VN057469.D
 Acq: 23 Aug 2019 12:59

Instrument :
 MSVOA_N
 ClientSampleId :
 390821768-TRIP-BLANK

Tot Ion:114 Resp: 371411
 Ion Ratio Lower Upper
 114 100
 63 24.7 19.6 29.4
 88 16.5 13.1 19.7

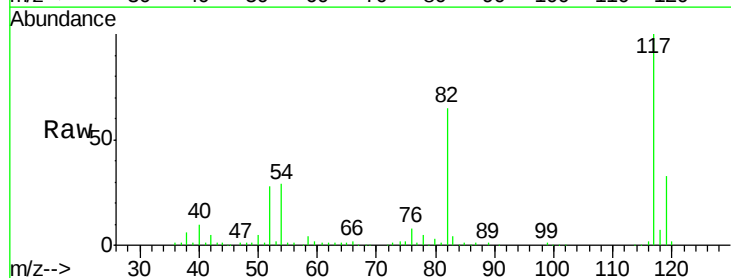


Abundance Ion 114.00 (113.70 to 114.70): V
 Ion 63.00 (62.70 to 63.70): VNO
 Ion 88.00 (87.70 to 88.70): VNO

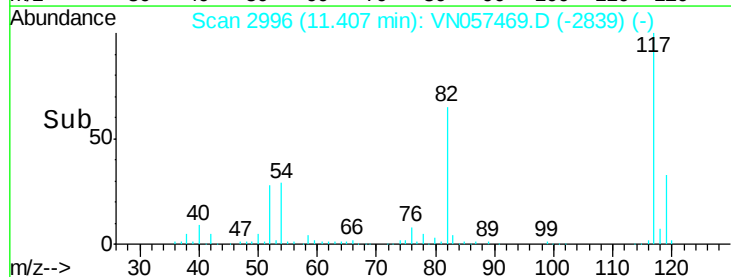
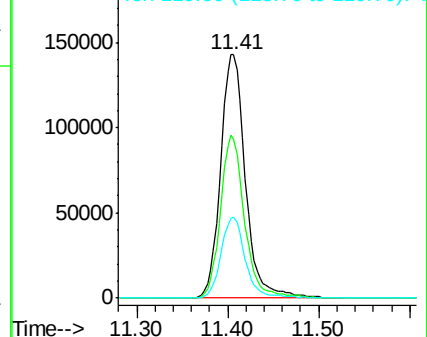


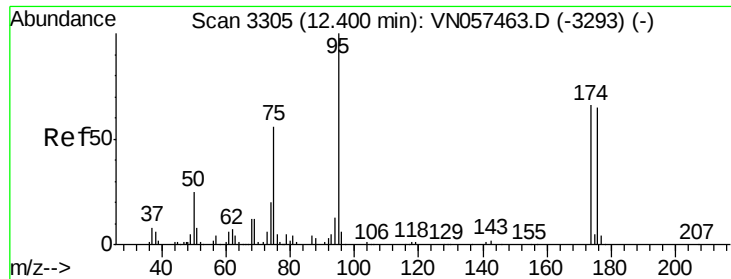
#57
 Chlorobenzene-d5
 Concen: 30.000 ug/l
 RT: 11.41 min Scan# 2996
 Delta R.T. 0.00 min
 Lab File: VN057469.D
 Acq: 23 Aug 2019 12:59

Tgt Ion:117 Resp: 270910
 Ion Ratio Lower Upper
 117 100
 82 64.0 50.4 75.6
 119 32.3 25.4 38.2



Abundance Ion 117.00 (116.70 to 117.70): V
 Ion 82.00 (81.70 to 82.70): VNO
 Ion 119.00 (118.70 to 119.70): V

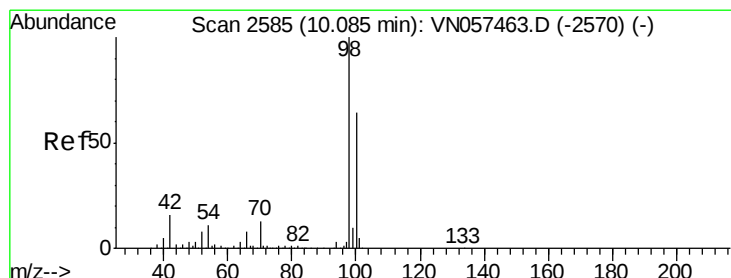
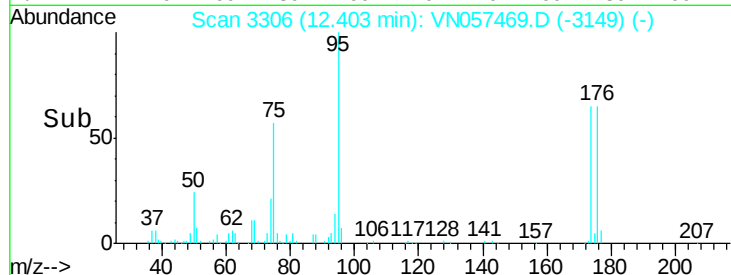
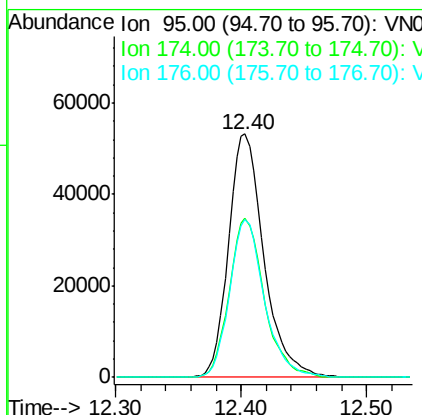
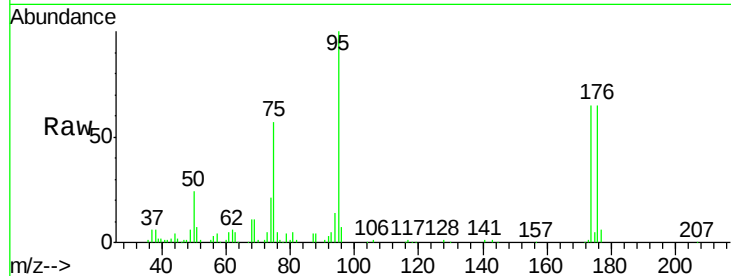




#60
4-Bromofluorobenzene
Concen: 23.349 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.00 min
Lab File: VN057469.D
Acq: 23 Aug 2019 12:59

Instrument :
MSVOA_N
ClientSampleId :
390821768-TRIP-BLANK

Tot Ion	95	Resp	104307
Ion Ratio	Lower	Upper	
95	100		
174	64.7	54.9	82.3
176	63.6	54.2	81.4



#63
Toluene-d8
Concen: 32.973 ug/l
RT: 10.09 min Scan# 2585
Delta R.T. 0.00 min
Lab File: VN057469.D
Acq: 23 Aug 2019 12:59

Tgt Ion	98	Resp	451108
Ion Ratio	Lower	Upper	
98	100		
100	65.5	51.0	76.6

