

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN101119\
 Data File : VN058679.D
 Acq On : 10 Oct 2019 21:08
 Operator : JC/SP
 Sample : K5306-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 391009761-TRIP-BLANK

Quant Time: Oct 11 08:40:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Oct 11 04:26:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.17	128	67182	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	373426	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	331293	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.01	65	180375	31.63	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	105.43%
60) 4-Bromofluorobenzene	12.41	95	156970	27.09	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.30%
63) Toluene-d8	10.08	98	468670	29.96	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.87%

Target Compounds

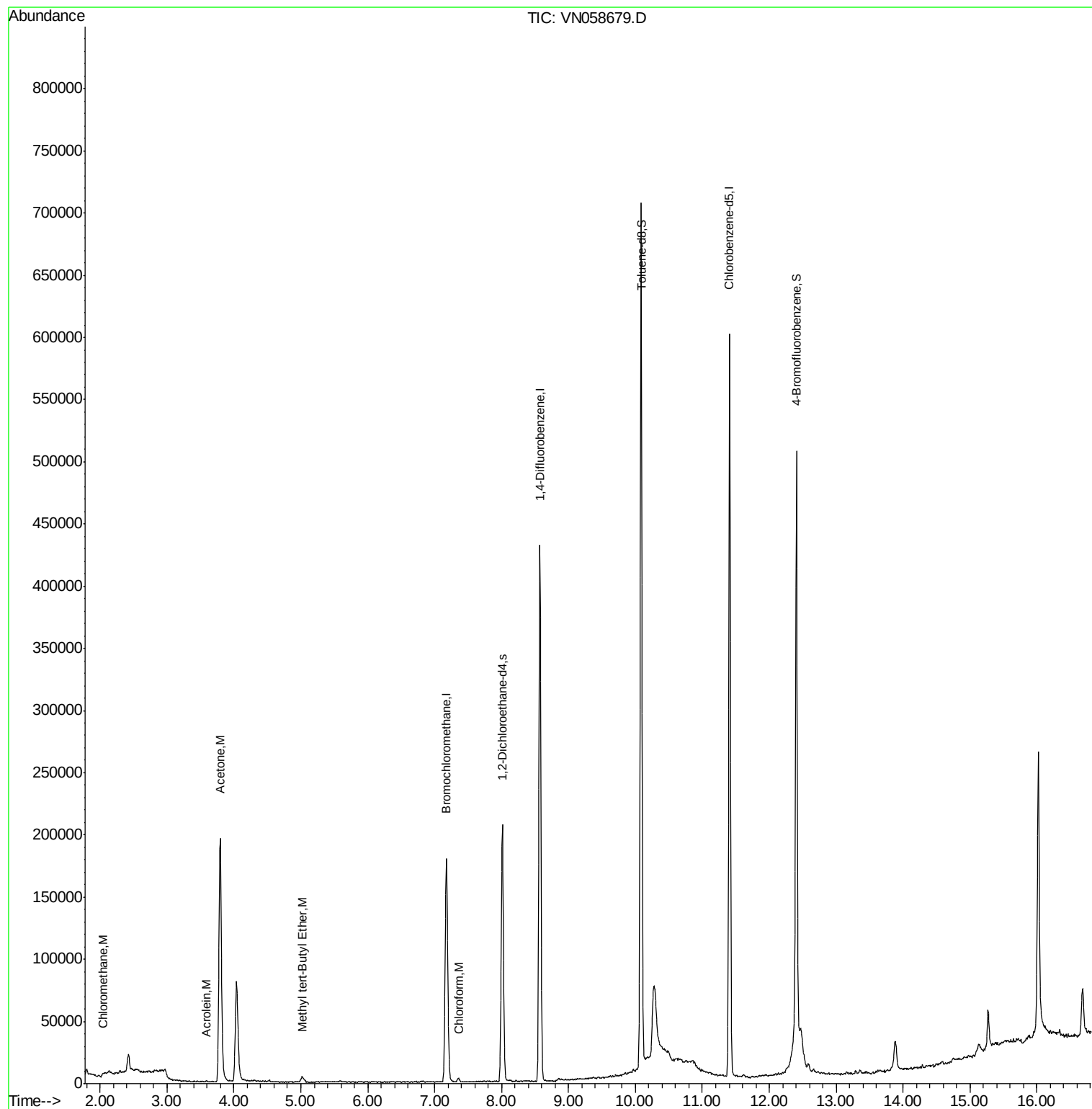
					Qvalue
3) Chloromethane	2.04	50	992	0.204	ug/l 92
13) Acrolein	3.58	56	149	0.240	ug/l # 56
15) Acetone	3.80	58	95626	145.377	ug/l 95
24) Methyl tert-Butyl Ether	5.02	73	4031	0.307	ug/l # 62
25) Chloroform	7.36	83	1732	0.220	ug/l 88

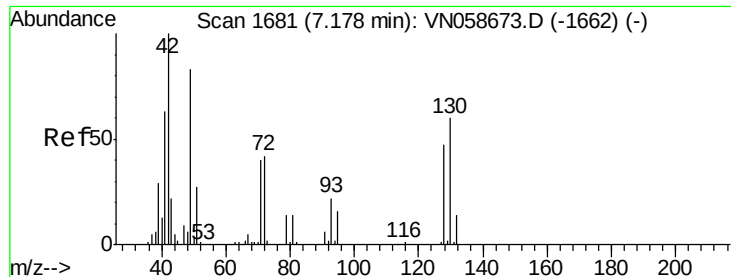
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_N\DATA\VN101119\
Data File : VN058679.D
Acq On : 10 Oct 2019 21:08
Operator : JC/SP
Sample : K5306-02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
391009761-TRIP-BLANK

Quant Time: Oct 11 08:40:45 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\624N101119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Oct 11 04:26:47 2019
Response via : Initial Calibration

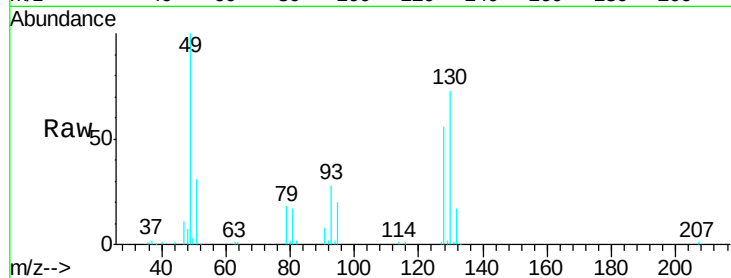




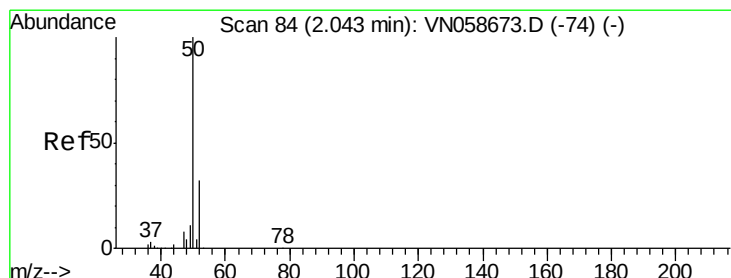
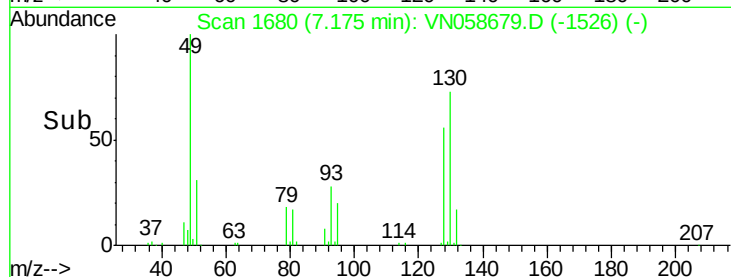
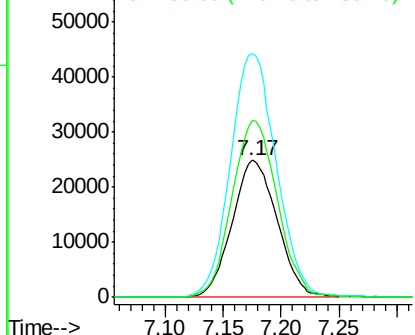
#1
 Bromochloromethane
 Concen: 30.000 ug/l
 RT: 7.17 min Scan# 1680
 Delta R.T. -0.00 min
 Lab File: VN058679.D
 Acq: 10 Oct 2019 21:08

Instrument :
 MSVOA_N
 ClientSampleId :
 391009761-TRIP-BLANK

Tgt Ion:128 Resp: 67182
 Ion Ratio Lower Upper
 128 100
 49 181.2 0.0 453.5
 130 129.7 0.0 314.2

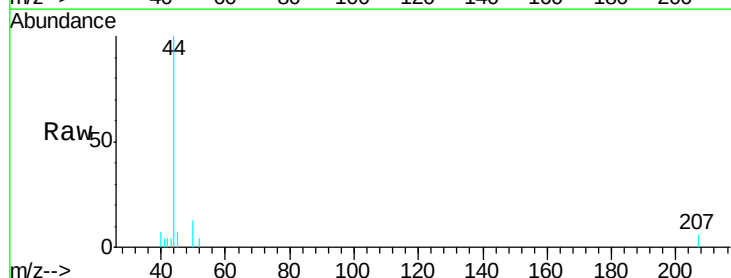


Abundance Ion 128.00 (127.70 to 128.70): V
 Ion 49.00 (48.70 to 49.70): VN
 Ion 130.00 (129.70 to 130.70): V

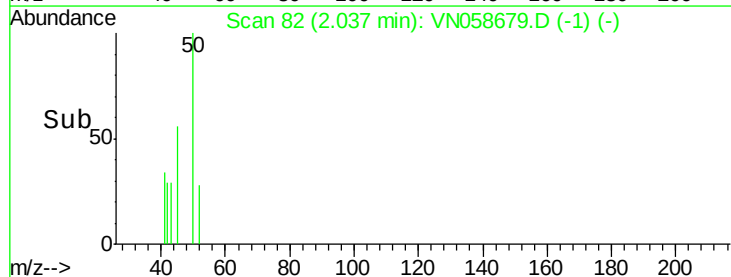
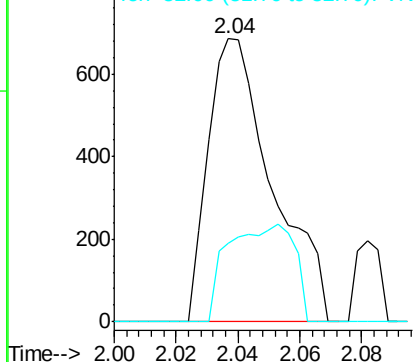


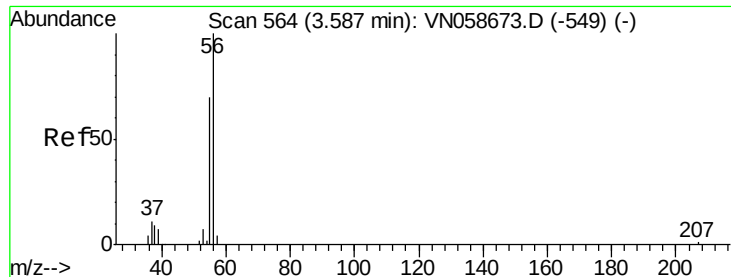
#3
 Chloromethane
 Concen: 0.204 ug/l
 RT: 2.04 min Scan# 82
 Delta R.T. -0.01 min
 Lab File: VN058679.D
 Acq: 10 Oct 2019 21:08

Tgt Ion: 50 Resp: 992
 Ion Ratio Lower Upper
 50 100
 52 27.8 25.8 38.8



Abundance Ion 50.00 (49.70 to 50.70): VN
 Ion 52.00 (51.70 to 52.70): VN





#13

Acrolein

Concen: 0.240 ug/l

RT: 3.58 min Scan# 563

Delta R.T. -0.00 min

Lab File: VN058679.D

Acq: 10 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

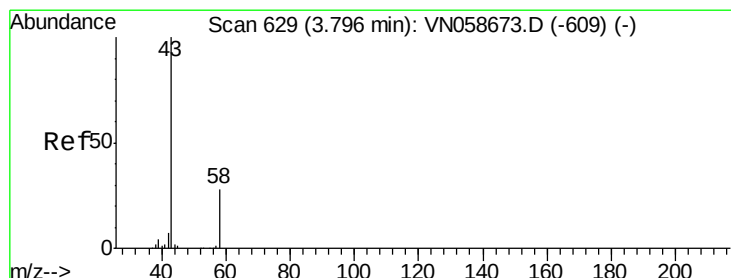
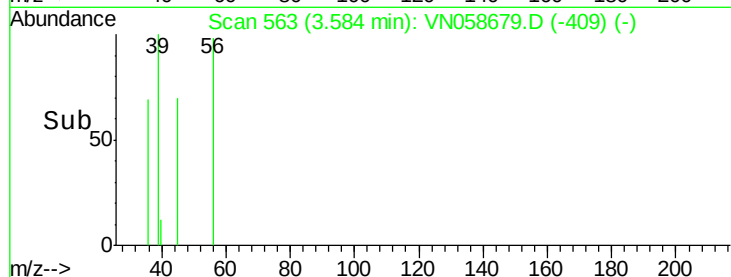
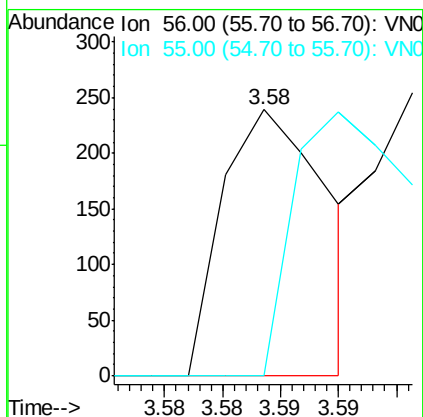
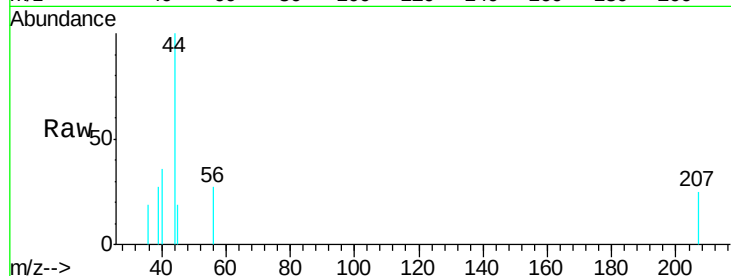
391009761-TRIP-BLANK

Tgt Ion: 56 Resp: 149

Ion Ratio Lower Upper

56 100

55 106.0 55.9 83.9#



#15

Acetone

Concen: 145.377 ug/l

RT: 3.80 min Scan# 629

Delta R.T. -0.00 min

Lab File: VN058679.D

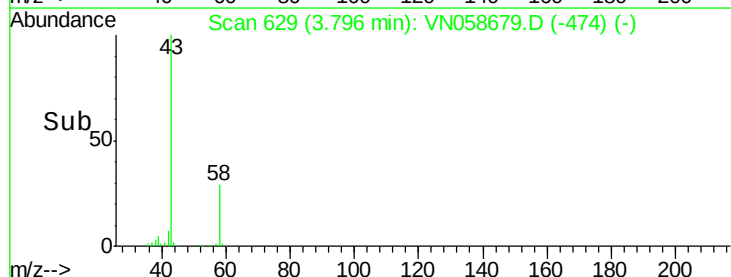
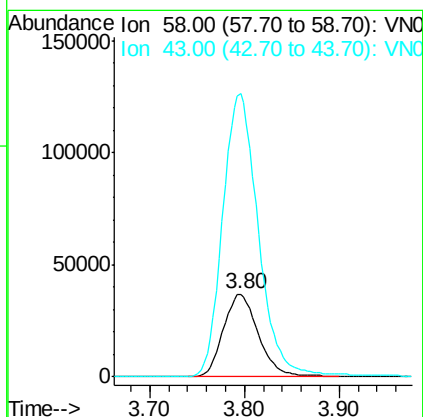
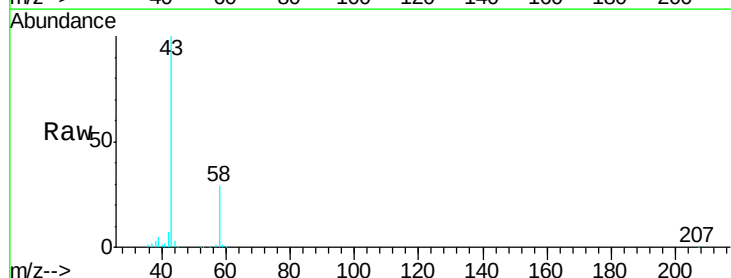
Acq: 10 Oct 2019 21:08

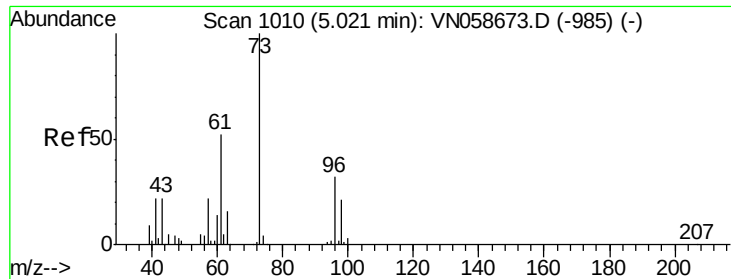
Tgt Ion: 58 Resp: 95626

Ion Ratio Lower Upper

58 100

43 341.6 281.7 422.5





#24

Methyl tert-Butyl Ether

Concen: 0.307 ug/l

RT: 5.02 min Scan# 1010

Delta R.T. -0.00 min

Lab File: VN058679.D

Acq: 10 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

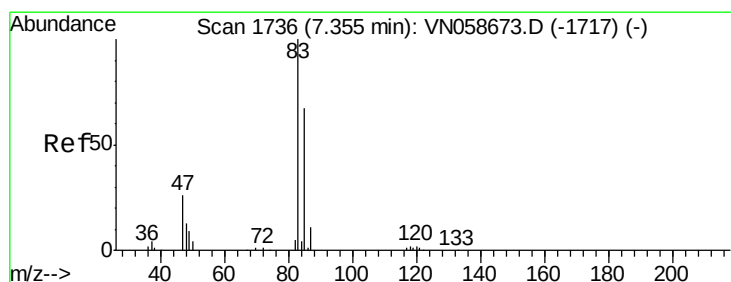
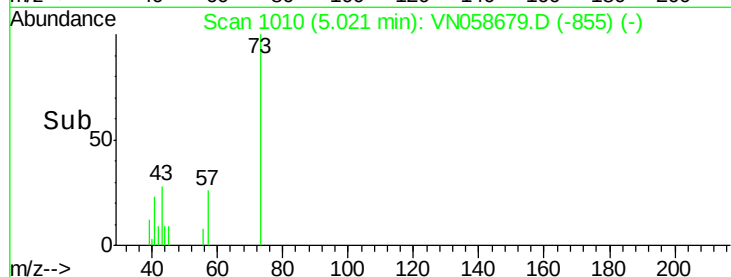
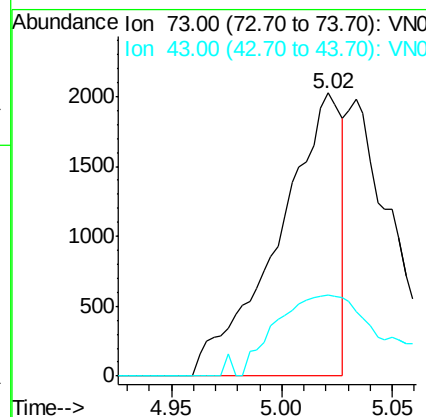
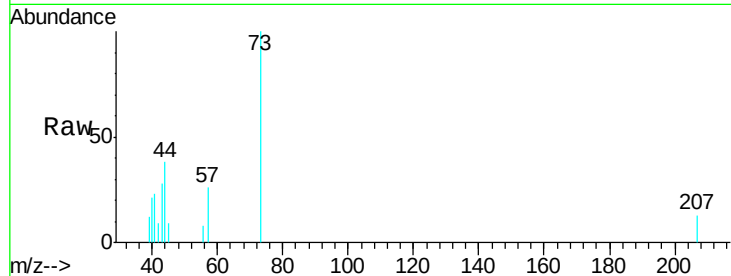
391009761-TRIP-BLANK

Tgt Ion: 73 Resp: 4031

Ion Ratio Lower Upper

73 100

43 40.6 17.9 26.9#



#25

Chloroform

Concen: 0.220 ug/l

RT: 7.36 min Scan# 1737

Delta R.T. 0.00 min

Lab File: VN058679.D

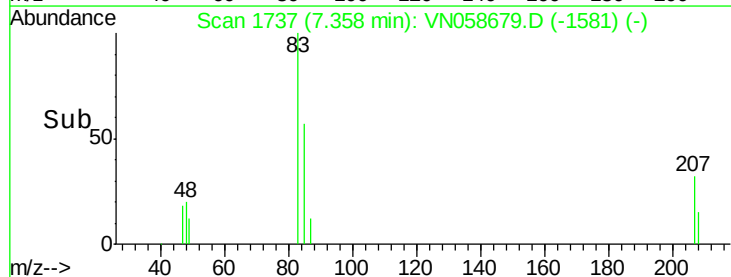
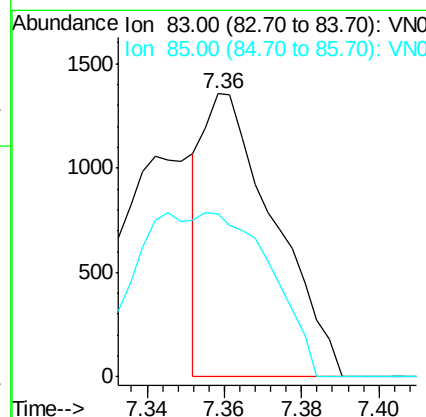
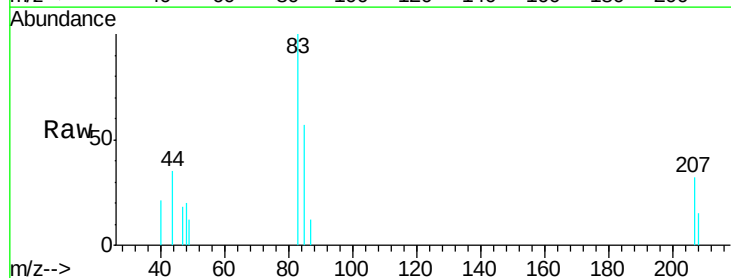
Acq: 10 Oct 2019 21:08

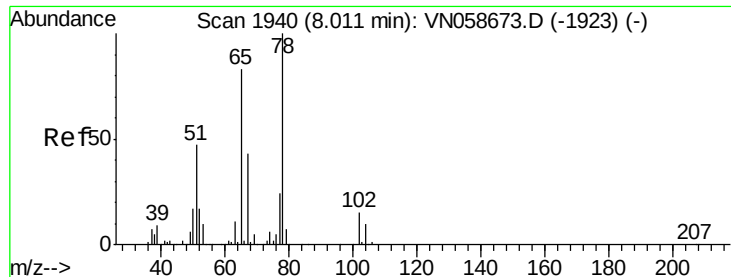
Tgt Ion: 83 Resp: 1732

Ion Ratio Lower Upper

83 100

85 57.4 53.8 80.8





#27

1,2-Dichloroethane-d4

Concen: 31.634 ug/l

RT: 8.01 min Scan# 1940

Delta R.T. -0.00 min

Lab File: VN058679.D

Acq: 10 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

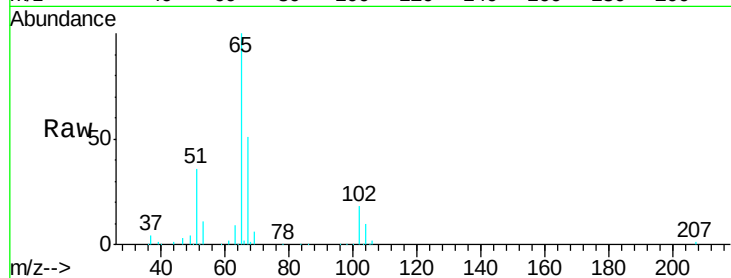
391009761-TRIP-BLANK

Tgt Ion: 65 Resp: 180375

Ion Ratio Lower Upper

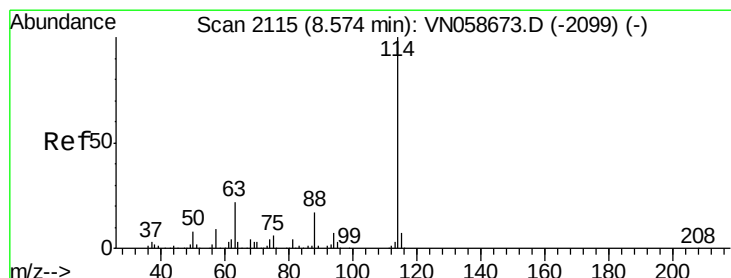
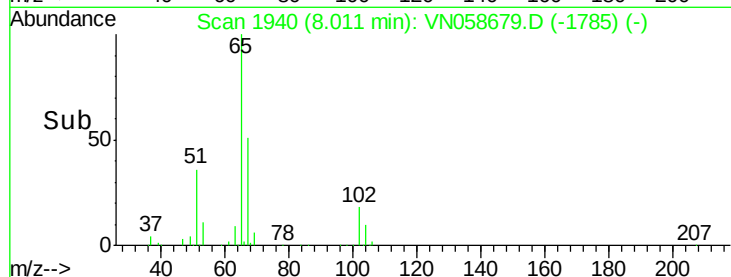
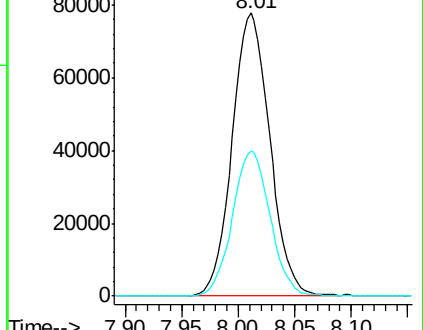
65 100

67 51.5 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN058673.D (-1923) (-)

Ion 67.00 (66.70 to 67.70): VN058673.D (-1923) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.57 min Scan# 2115

Delta R.T. -0.00 min

Lab File: VN058679.D

Acq: 10 Oct 2019 21:08

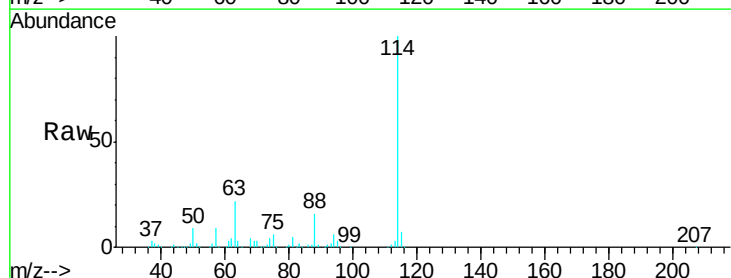
Tgt Ion: 114 Resp: 373426

Ion Ratio Lower Upper

114 100

63 22.4 18.1 27.1

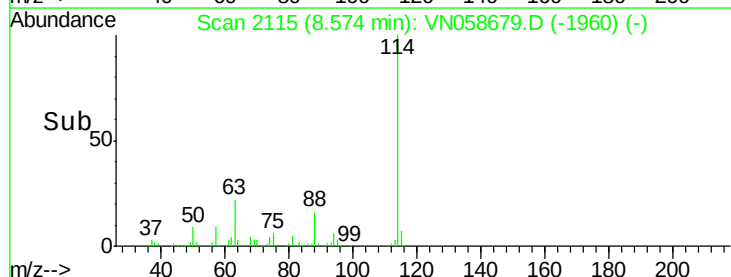
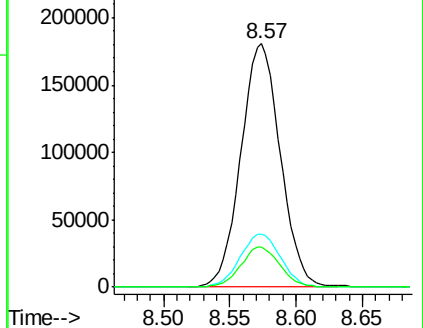
88 16.3 13.0 19.4

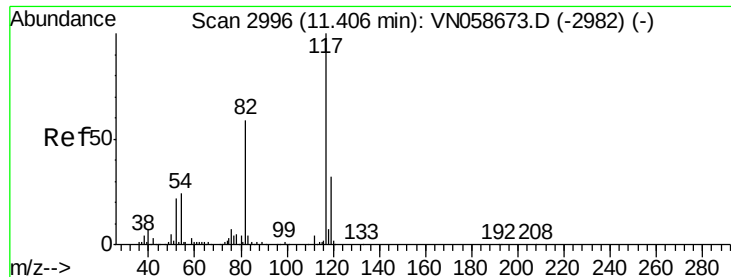


Abundance Ion 114.00 (113.70 to 114.70): VN058673.D (-2099) (-)

Ion 63.00 (62.70 to 63.70): VN058673.D (-2099) (-)

Ion 88.00 (87.70 to 88.70): VN058673.D (-2099) (-)

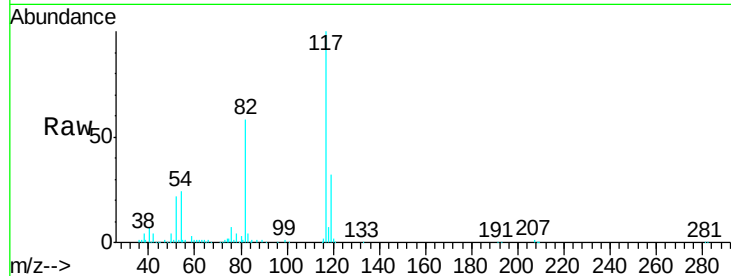




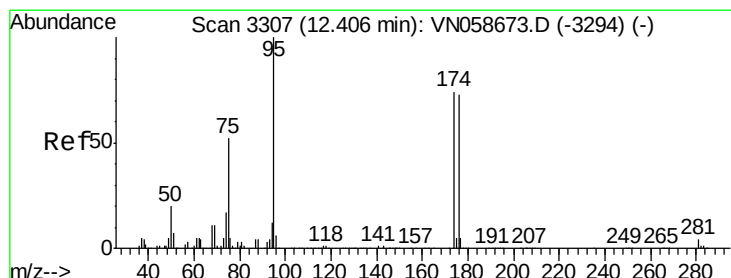
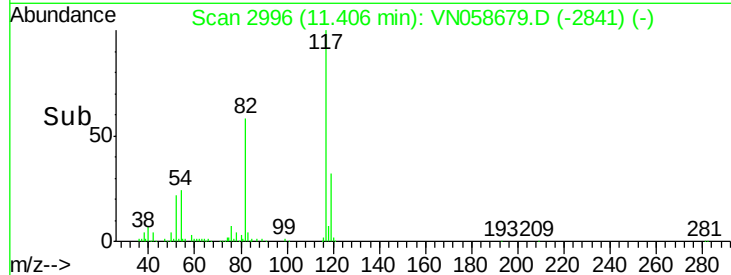
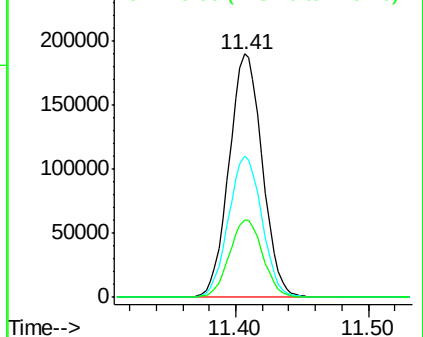
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN058679.D
Acq: 10 Oct 2019 21:08

Instrument :
MSVOA_N
ClientSampleId :
391009761-TRIP-BLANK

Tgt Ion: 117 Resp: 331293
Ion Ratio Lower Upper
117 100
82 58.4 46.9 70.3
119 32.0 25.8 38.6

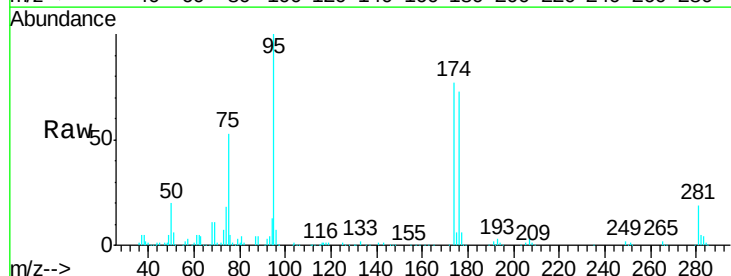


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 82.00 (81.70 to 82.70): V
Ion 119.00 (118.70 to 119.70): V

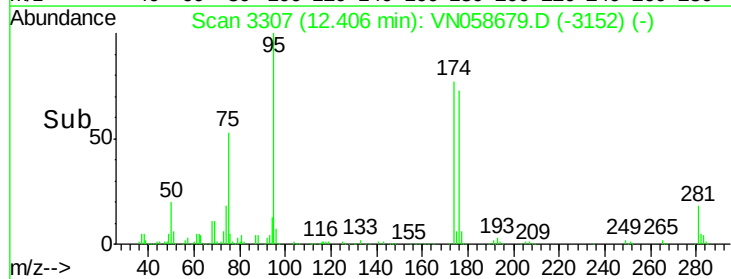
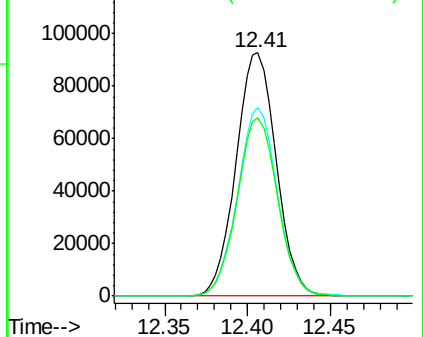


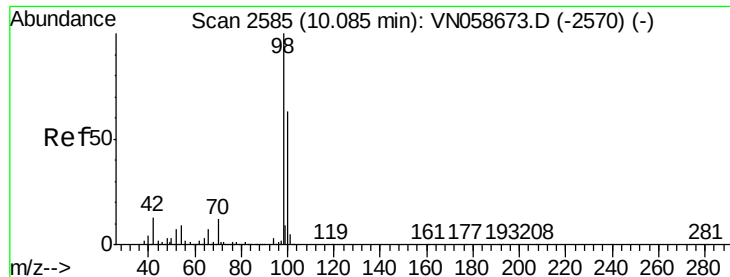
#60
4-Bromofluorobenzene
Concen: 27.086 ug/l
RT: 12.41 min Scan# 3307
Delta R.T. -0.00 min
Lab File: VN058679.D
Acq: 10 Oct 2019 21:08

Tgt Ion: 95 Resp: 156970
Ion Ratio Lower Upper
95 100
174 76.7 59.9 89.9
176 73.7 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): V
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#63

Toluene-d8

Concen: 29.962 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.00 min

Lab File: VN058679.D

Acq: 10 Oct 2019 21:08

Instrument :

MSVOA_N

ClientSampleId :

391009761-TRIP-BLANK

Tgt Ion: 98 Resp: 468670

Ion Ratio Lower Upper

98 100

100 63.8 50.6 75.8

