

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059114.D
 Acq On : 7 Nov 2019 12:14
 Operator : JC/SP
 Sample : K5704-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 08 01:09:21 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	7.18	128	74969	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.57	114	398278	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	348768	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.00	65	176395	27.72	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	92.40%
60) 4-Bromofluorobenzene	12.40	95	146367	23.99	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	79.97%
63) Toluene-d8	10.08	98	488363	29.66	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.87%

Target Compounds

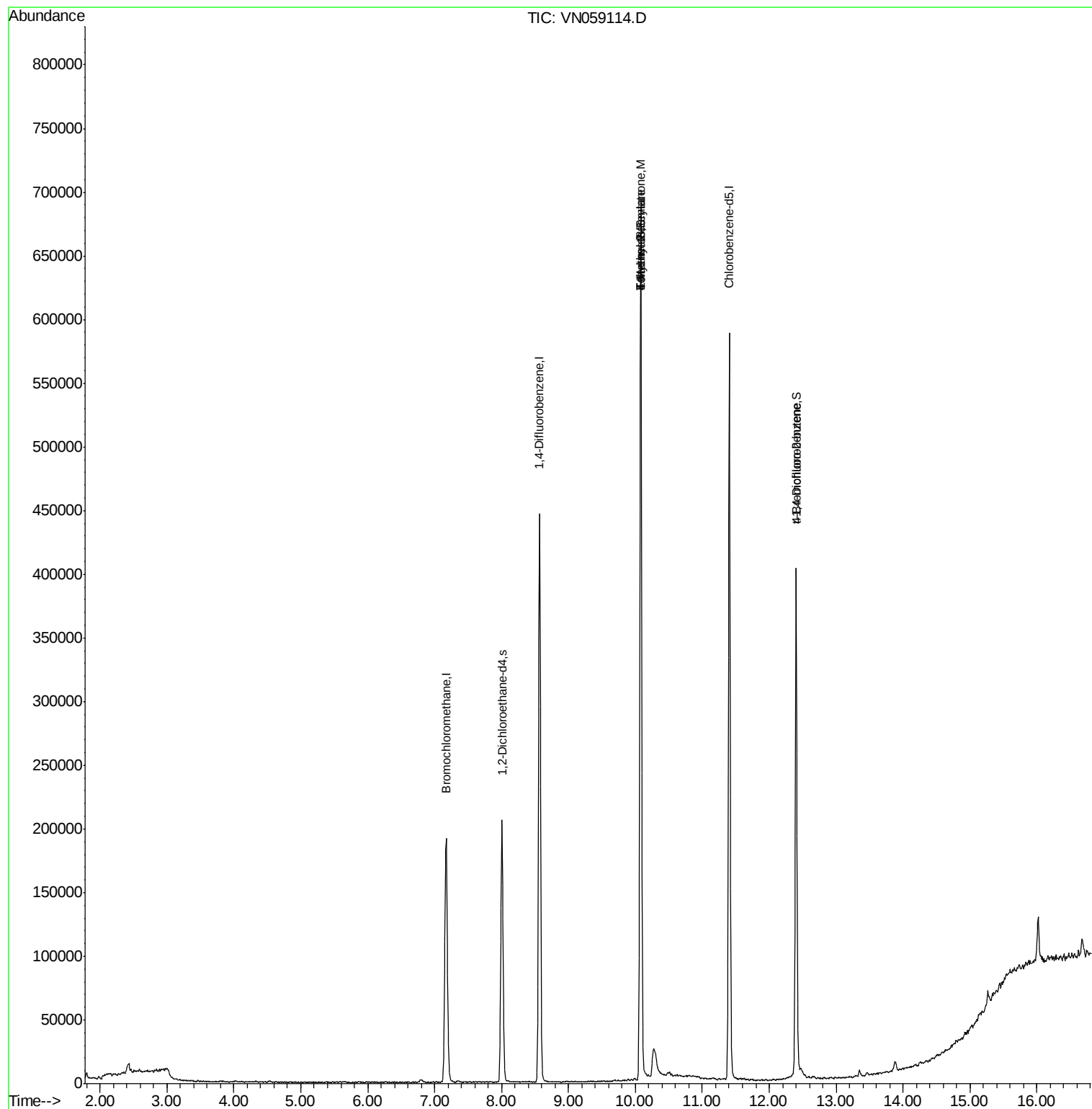
					Ovalue
51) Ethyl methacrylate	10.09	69	1546	0.213	ug/l 92
58) 4-Methyl-2-Pentanone	10.08	43	2005	0.315	ug/l # 1
77) t-1,4-Dichloro-2-butene	12.40	75	72875	30.872	ug/l # 10

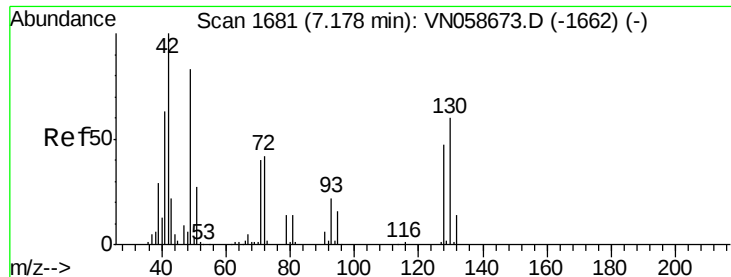
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 11 04:26:47 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: VN059114.D

Acq: 7 Nov 2019 12:14

Instrument :

MSVOA_N

ClientSampleId :

TRIP-BLANK

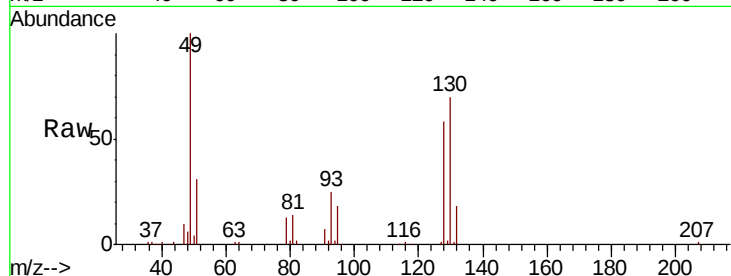
Tot Ion:128 Resp: 74969

Ion Ratio Lower Upper

128 100

49 178.7 0.0 453.5

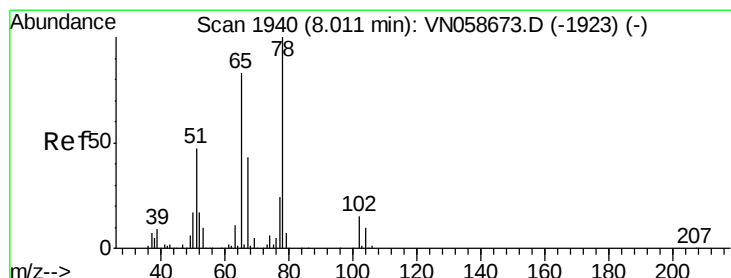
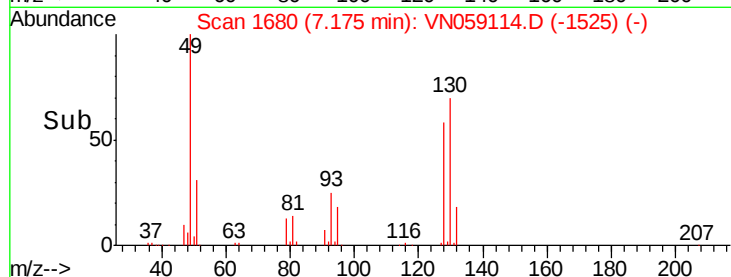
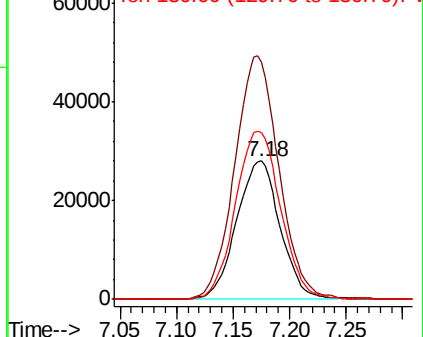
130 126.2 0.0 314.2



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



#27

1,2-Dichloroethane-d4

Concen: 27.722 ug/l

RT: 8.00 min Scan# 1938

Delta R.T. -0.01 min

Lab File: VN059114.D

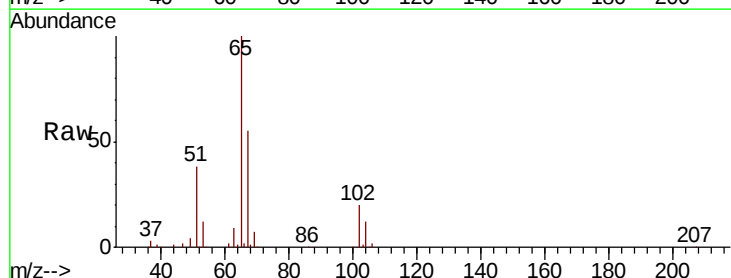
Acq: 7 Nov 2019 12:14

Tgt Ion: 65 Resp: 176395

Ion Ratio Lower Upper

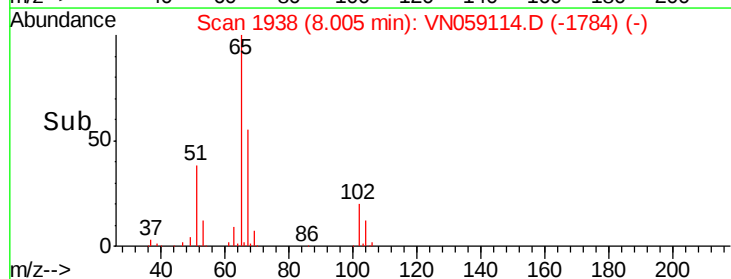
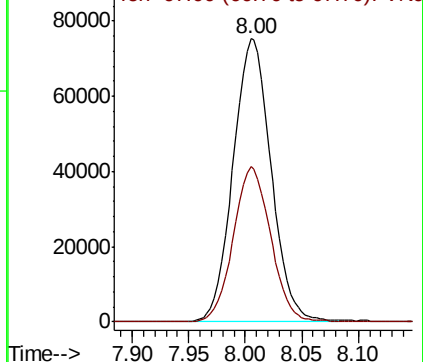
65 100

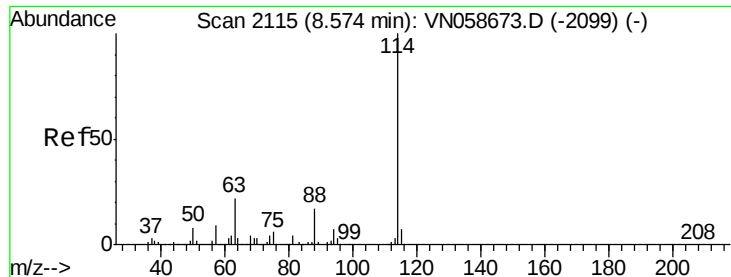
67 53.8 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VN0

Ion 67.00 (66.70 to 67.70): VN0

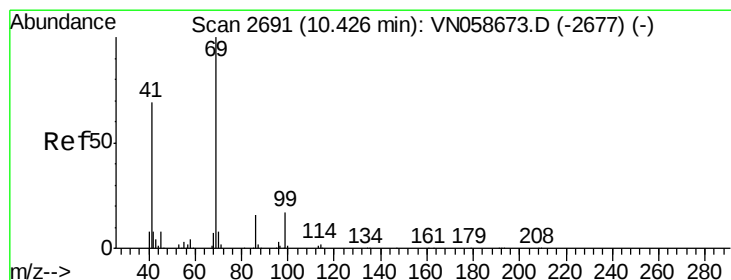
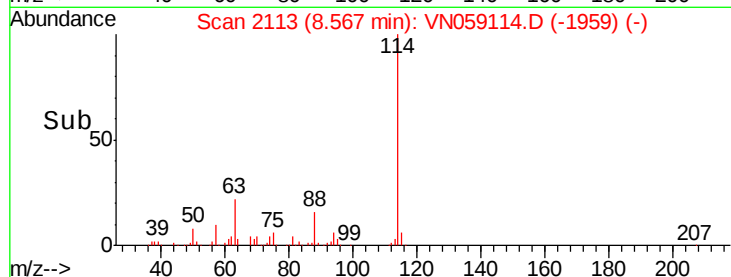
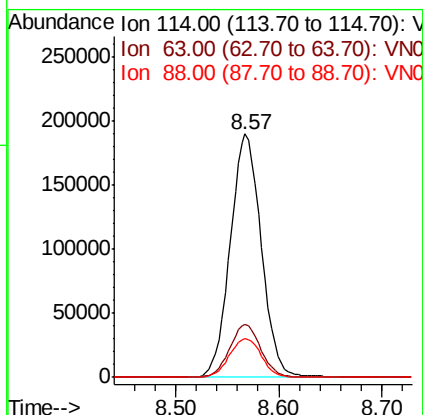
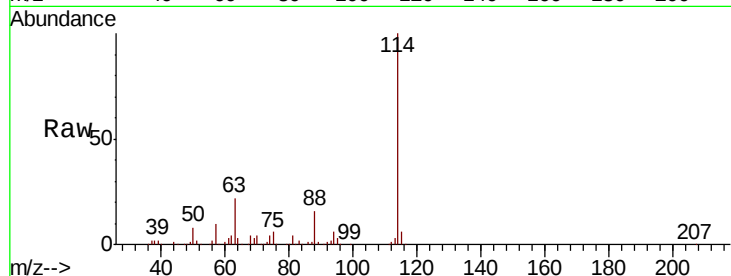




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059114.D
 Acq: 7 Nov 2019 12:14

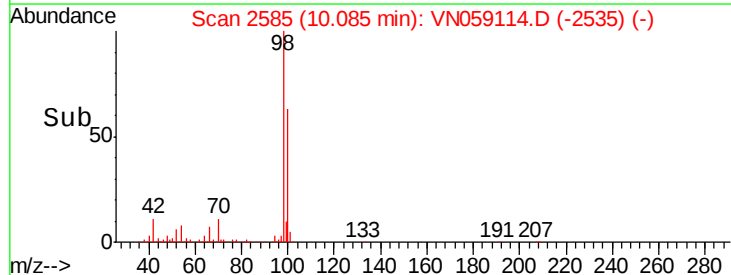
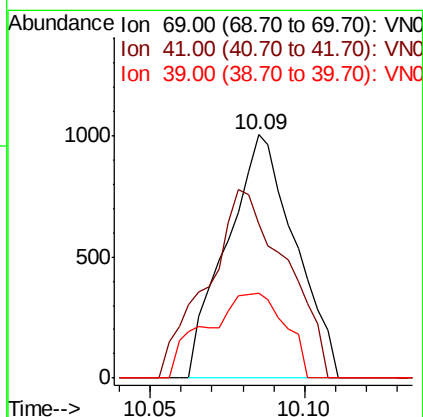
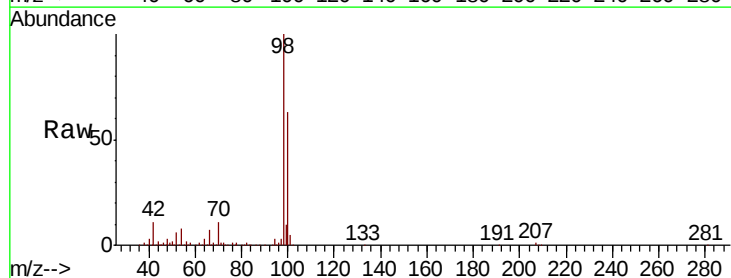
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

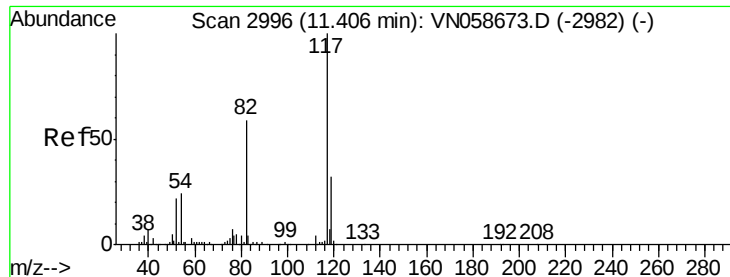
Tot Ion	Ratio	Lower	Upper
114	100		
63	21.9	18.1	27.1
88	16.4	13.0	19.4



#51
 Ethyl methacrylate
 Concen: 0.213 ug/l
 RT: 10.09 min Scan# 2585
 Delta R.T. -0.34 min
 Lab File: VN059114.D
 Acq: 7 Nov 2019 12:14

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.2	34.7	104.1
39	35.1	20.3	60.8

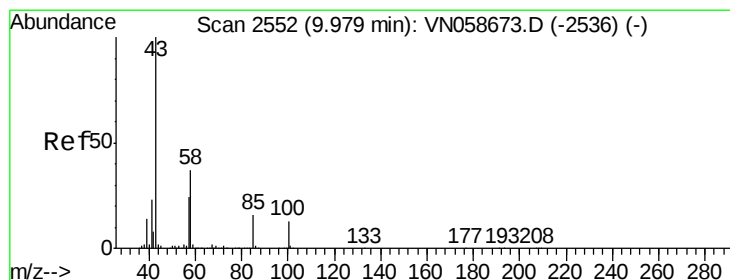
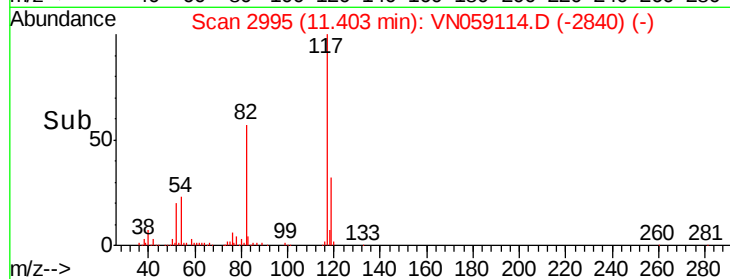
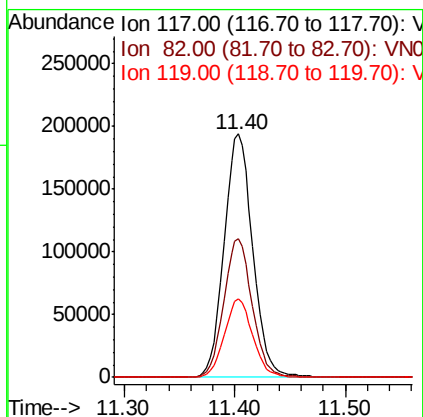
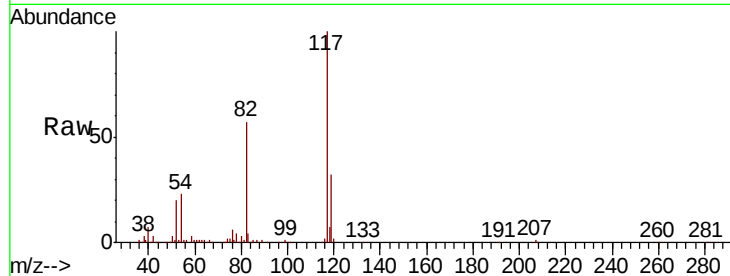




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.40 min Scan# 2995
Delta R.T. -0.00 min
Lab File: VN059114.D
Acq: 7 Nov 2019 12:14

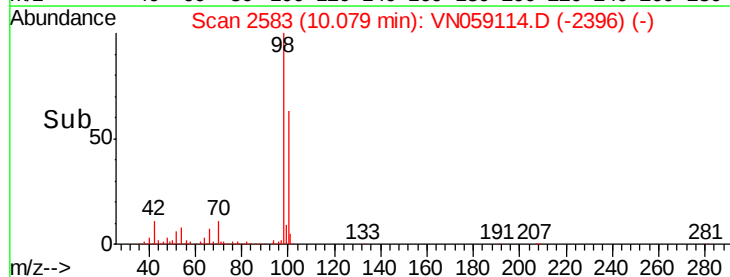
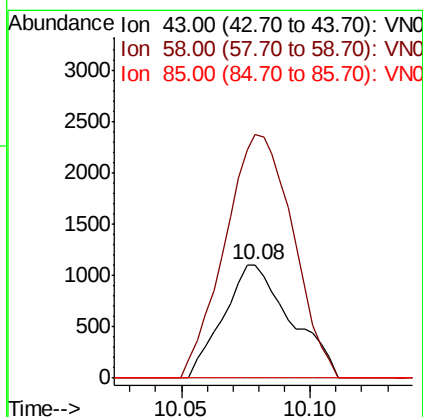
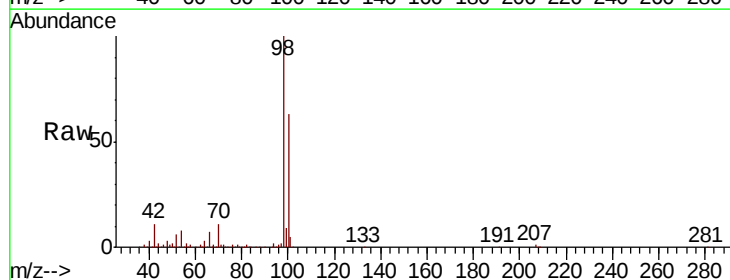
Instrument :
MSVOA_N
ClientSampled :
TRIP-BLANK

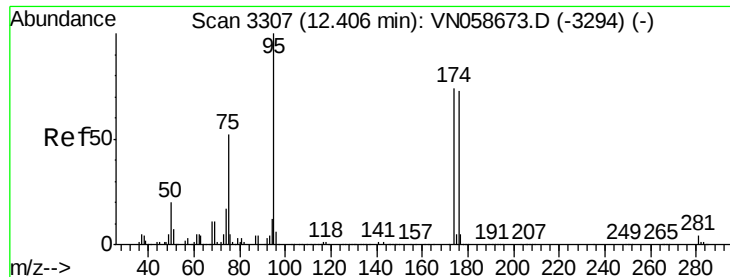
Tot Ion:117 Resp: 348768
Ion Ratio Lower Upper
117 100
82 56.6 46.9 70.3
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 0.315 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. 0.10 min
Lab File: VN059114.D
Acq: 7 Nov 2019 12:14

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 217.3 30.1 45.1#
85 0.0 13.2 19.8#





#60

4-Bromofluorobenzene

Concen: 23.991 ug/l

RT: 12.40 min Scan# 3306

Delta R.T. -0.00 min

Lab File: VN059114.D

Acq: 7 Nov 2019 12:14

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

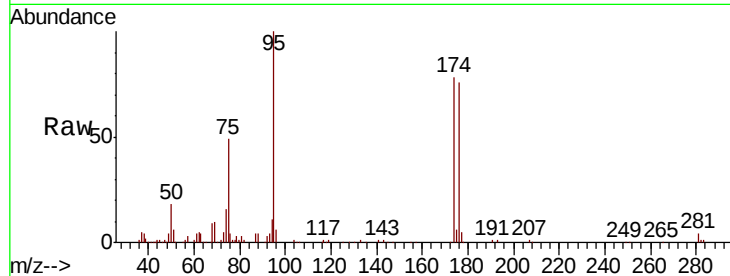
Tot Ion: 95 Resp: 146367

Ion Ratio Lower Upper

95 100

174 78.5 59.9 89.9

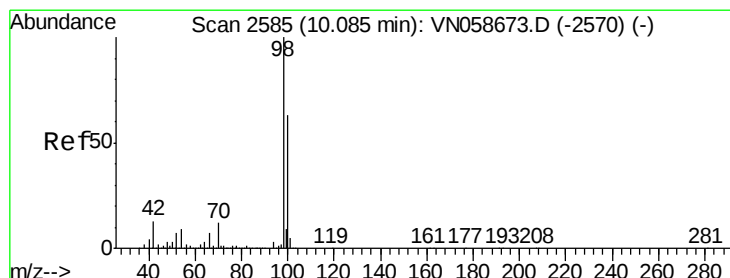
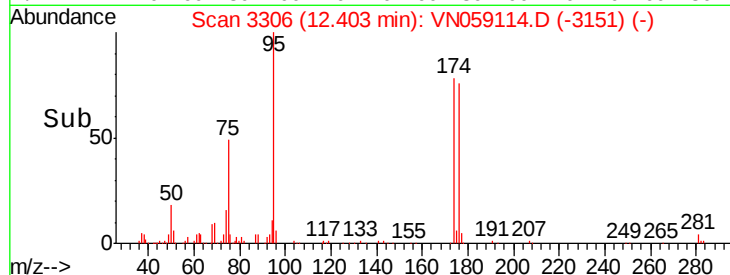
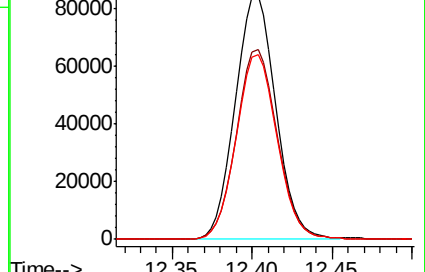
176 76.5 58.3 87.5



Abundance Ion 95.00 (94.70 to 95.70): VN058673.D (-3294) (-)

Ion 174.00 (173.70 to 174.70): VN058673.D (-3294) (-)

Ion 176.00 (175.70 to 176.70): VN058673.D (-3294) (-)



#63

Toluene-d8

Concen: 29.656 ug/l

RT: 10.08 min Scan# 2583

Delta R.T. -0.01 min

Lab File: VN059114.D

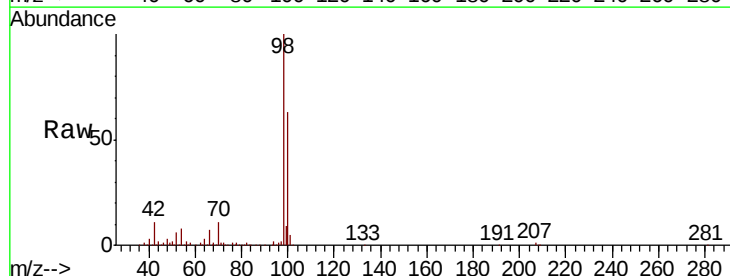
Acq: 7 Nov 2019 12:14

Tgt Ion: 98 Resp: 488363

Ion Ratio Lower Upper

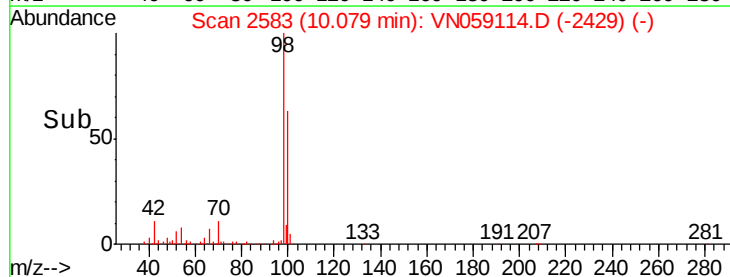
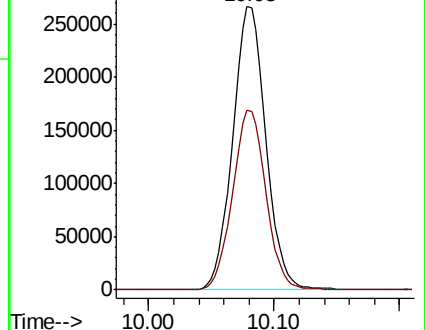
98 100

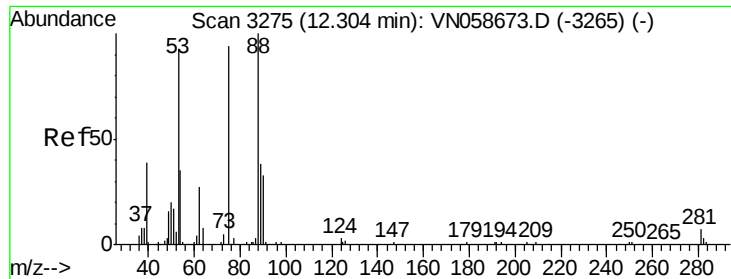
100 63.9 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VN058673.D (-2570) (-)

Ion 100.00 (99.70 to 100.70): VN058673.D (-2570) (-)





#77
t-1,4-Dichloro-2-butene
Concen: 30.872 ug/l
RT: 12.40 min Scan# 3306
Delta R.T. 0.10 min
Lab File: VN059114.D
Acq: 7 Nov 2019 12:14

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion: 75 Resp: 72875
Ion Ratio Lower Upper
75 100
53 0.0 50.0 150.0#
89 0.0 20.7 62.1#

