

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN110719\
 Data File : VN059113.D
 Acq On : 7 Nov 2019 11:52
 Operator : JC/SP
 Sample : K5704-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Nov 08 01:09:13 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	75760	30.00	ug/l	-0.01
28) 1,4-Difluorobenzene	8.57	114	415226	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.40	117	357139	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.00	65	183571	28.55	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	95.17%
60) 4-Bromofluorobenzene	12.40	95	152589	24.42	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	81.40%
63) Toluene-d8	10.08	98	505026	29.95	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.83%

Target Compounds

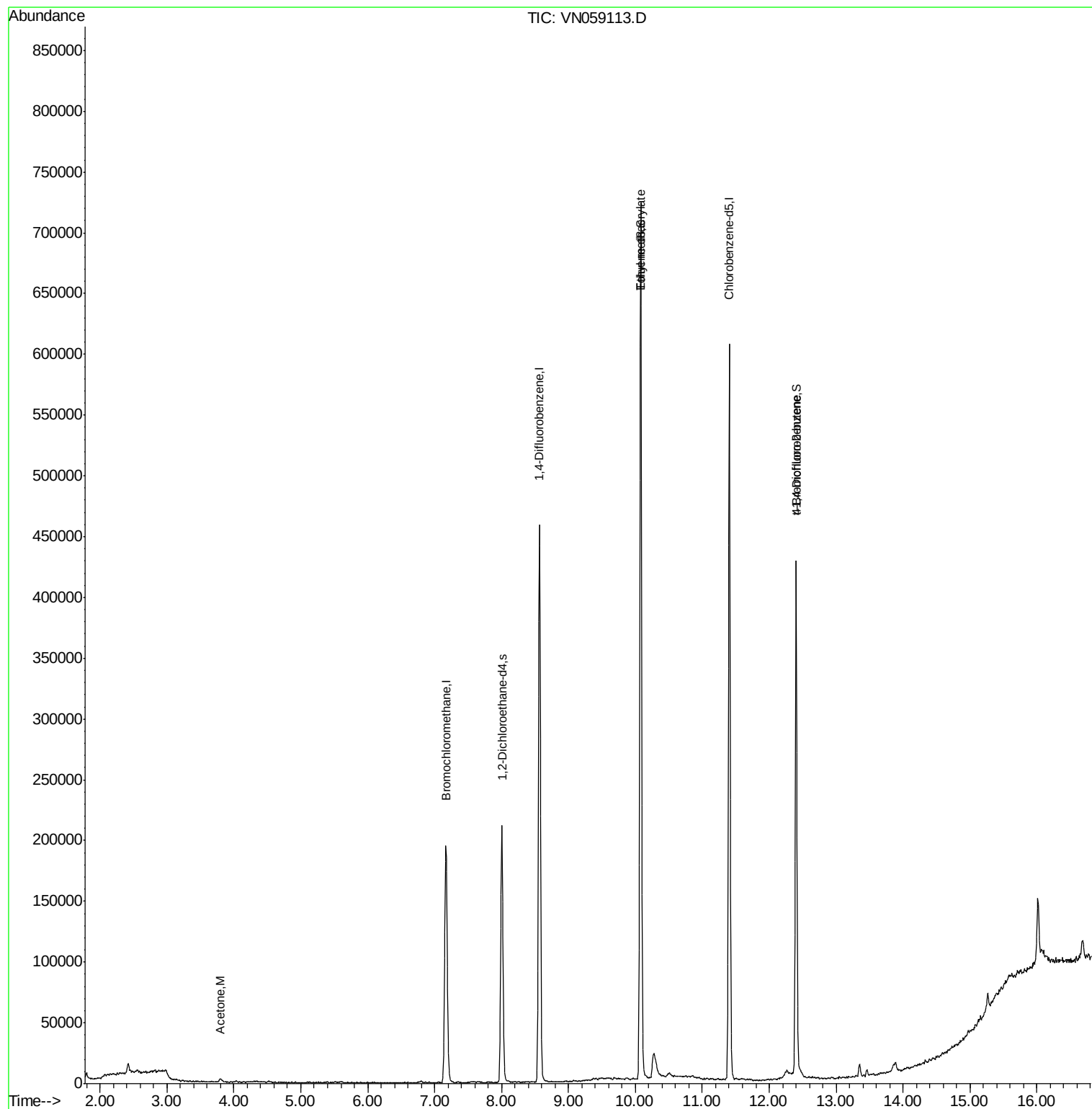
					Ovalue	
15) Acetone	3.79	58	804	1.084	ug/l #	23
51) Ethyl methacrylate	10.08	69	1545	0.204	ug/l	90
77) t-1,4-Dichloro-2-butene	12.40	75	76742	31.748	ug/l #	10

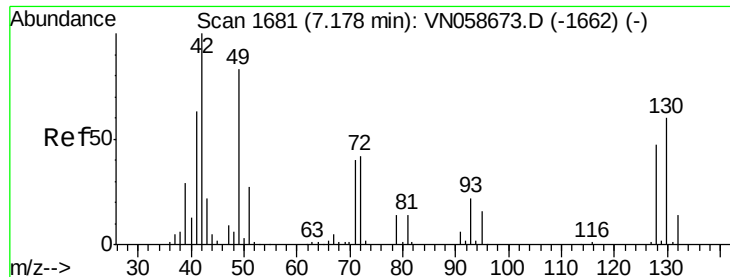
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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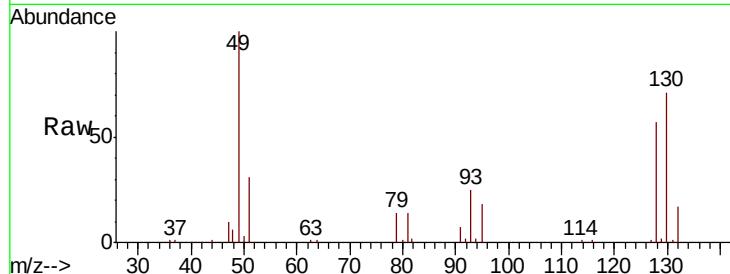




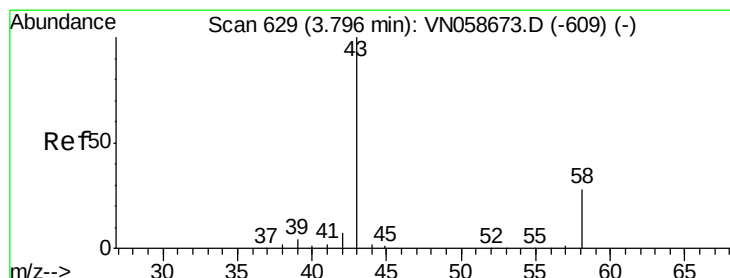
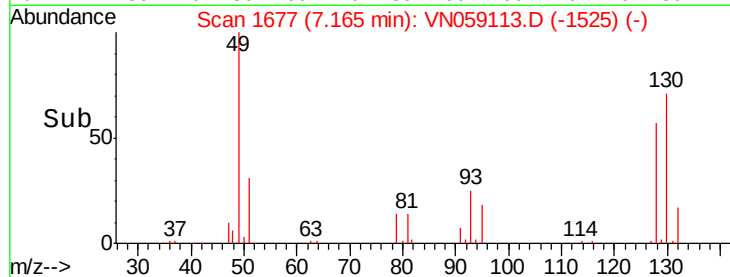
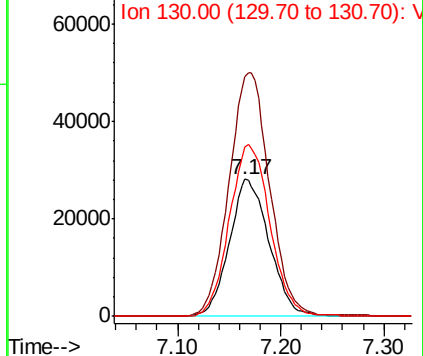
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion:128 Resp: 75760
Ion Ratio Lower Upper
128 100
49 180.3 0.0 453.5
130 127.4 0.0 314.2

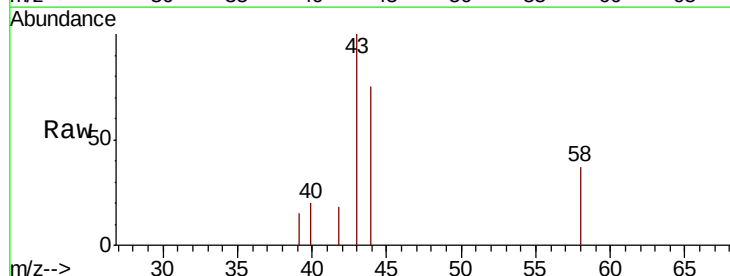


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

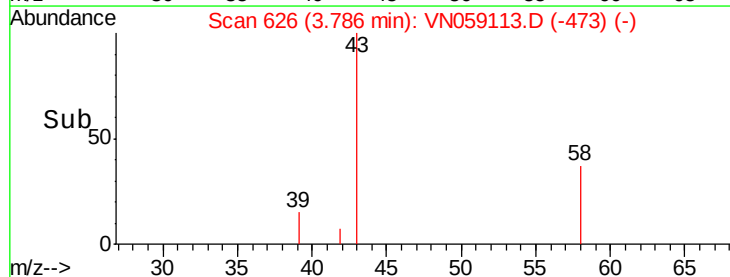
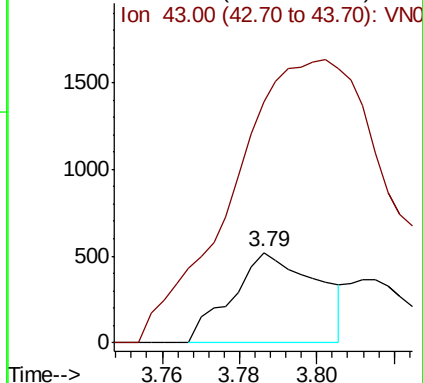


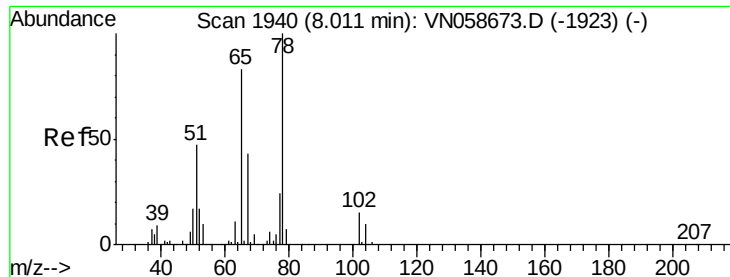
#15
Acetone
Concen: 1.084 ug/l
RT: 3.79 min Scan# 626
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Tgt Ion: 58 Resp: 804
Ion Ratio Lower Upper
58 100
43 185.0 281.7 422.5#



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

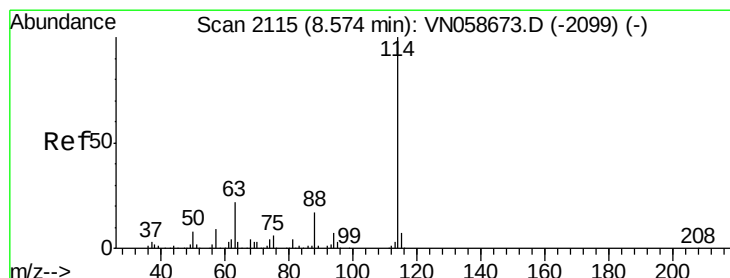
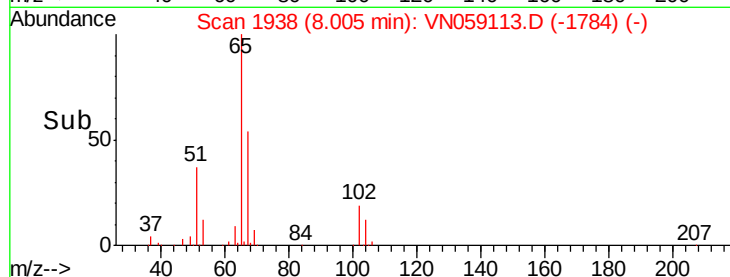
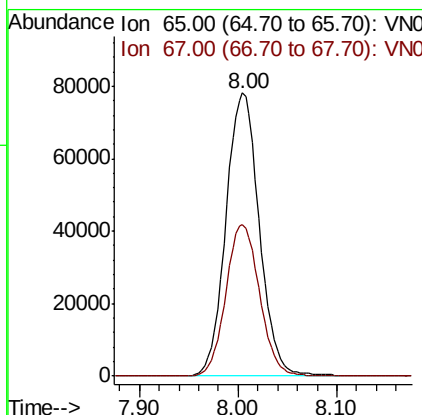
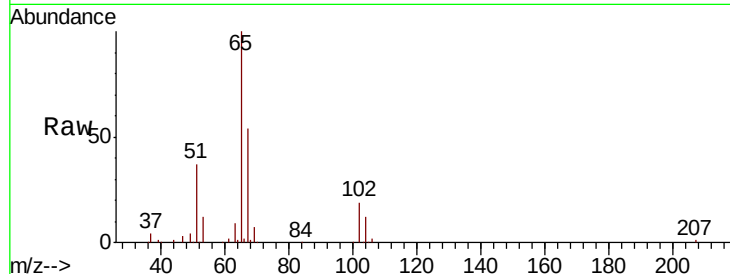




#27
 1,2-Dichloroethane-d4
 Concen: 28.549 ug/l
 RT: 8.00 min Scan# 1938
 Delta R.T. -0.01 min
 Lab File: VN059113.D
 Acq: 7 Nov 2019 11:52

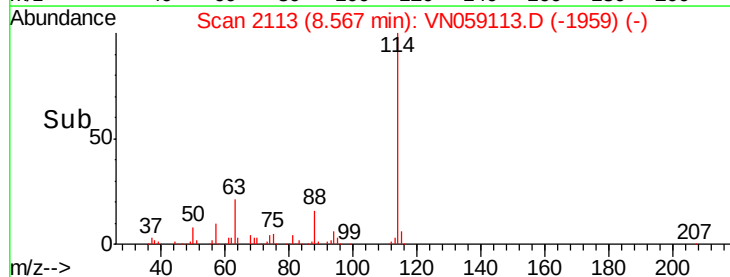
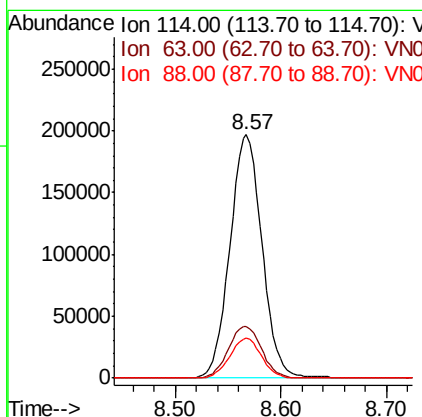
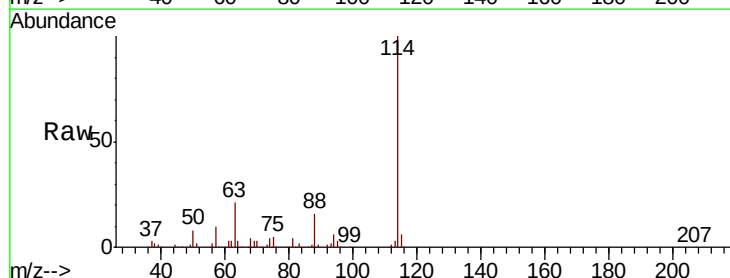
Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

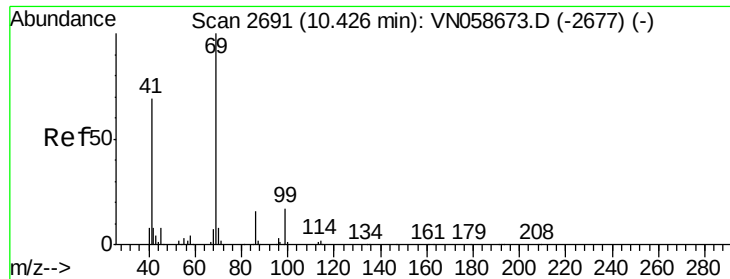
Tot Ion: 65 Resp: 183571
 Ion Ratio Lower Upper
 65 100
 67 54.1 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.57 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: VN059113.D
 Acq: 7 Nov 2019 11:52

Tgt Ion: 114 Resp: 415226
 Ion Ratio Lower Upper
 114 100
 63 21.9 18.1 27.1
 88 16.2 13.0 19.4





#51

Ethyl methacrylate

Concen: 0.204 ug/l

RT: 10.08 min Scan# 2585

Delta R.T. -0.34 min

Lab File: VN059113.D

Acq: 7 Nov 2019 11:52

Instrument :

MSVOA_N

ClientSampled :

TRIP-BLANK

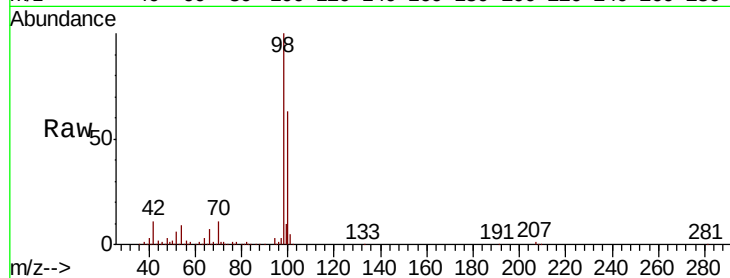
Tot Ion: 69 Resp: 1545

Ion Ratio Lower Upper

69 100

41 57.3 34.7 104.1

39 42.2 20.3 60.8

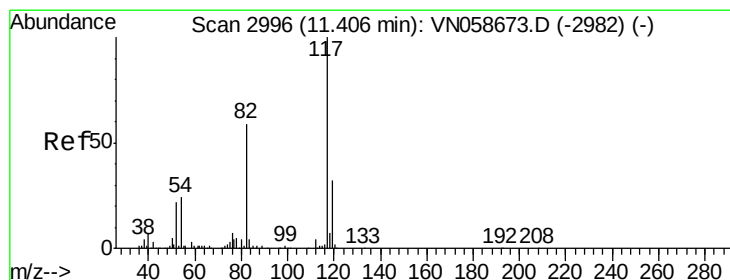
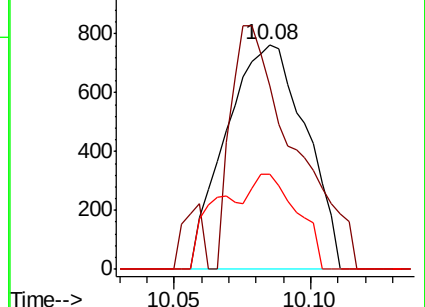
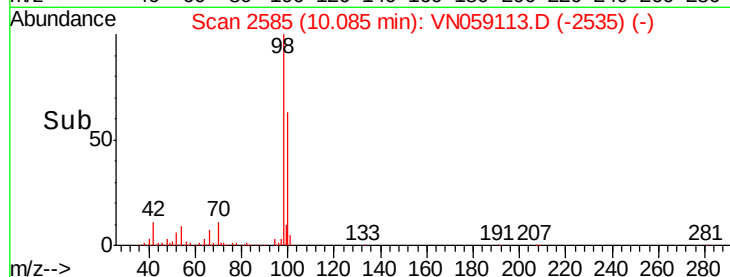


Abundance Ion 69.00 (68.70 to 69.70): VN058673.D (-2677) (-)

Ion 41.00 (40.70 to 41.70): VN058673.D (-2677) (-)

Ion 39.00 (38.70 to 39.70): VN058673.D (-2677) (-)

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN059113.D

Acq: 7 Nov 2019 11:52

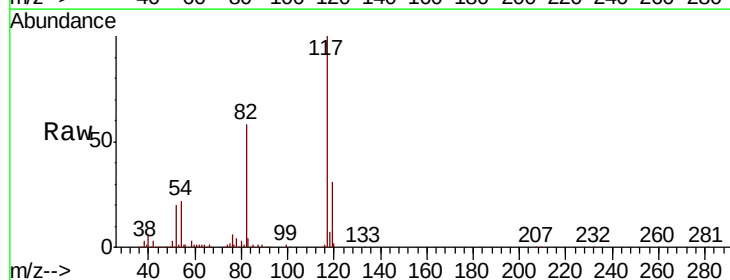
Tgt Ion: 117 Resp: 357139

Ion Ratio Lower Upper

117 100

82 57.6 46.9 70.3

119 32.0 25.8 38.6

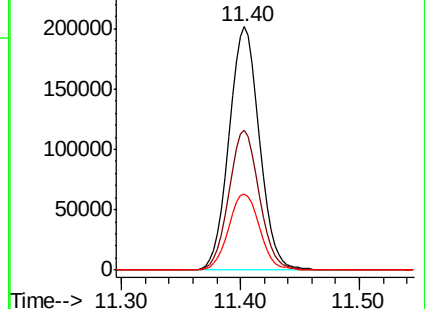
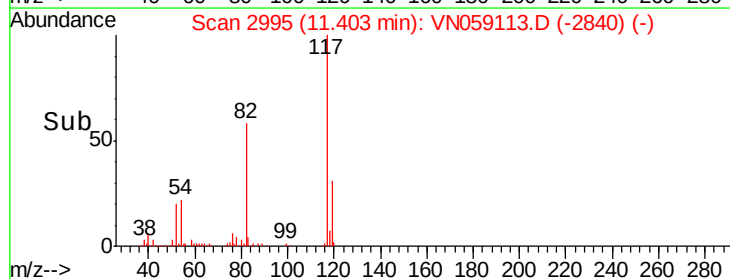


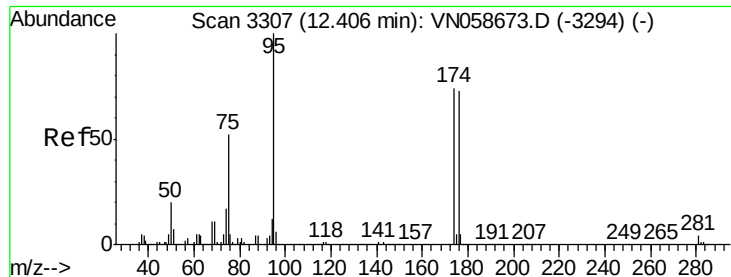
Abundance Ion 117.00 (116.70 to 117.70): VN058673.D (-2982) (-)

Ion 82.00 (81.70 to 82.70): VN058673.D (-2982) (-)

Ion 119.00 (118.70 to 119.70): VN058673.D (-2982) (-)

Time-->

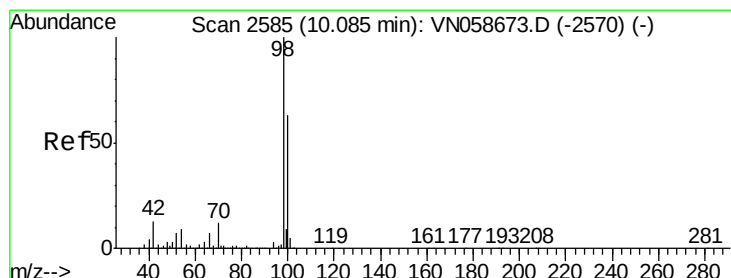
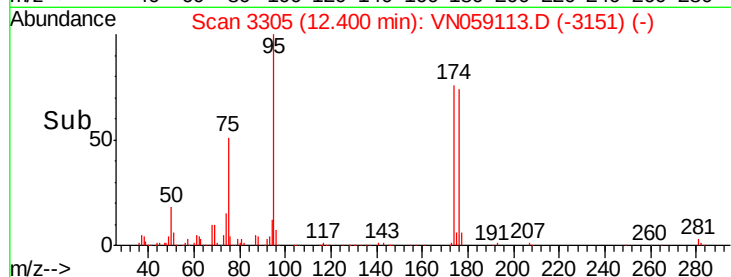
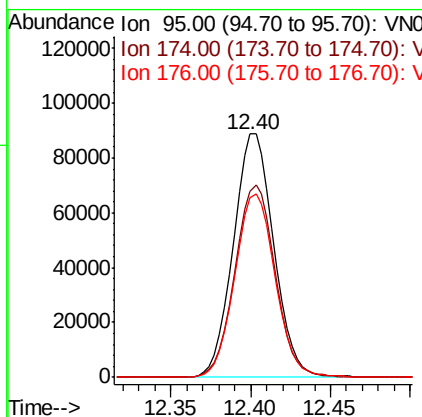
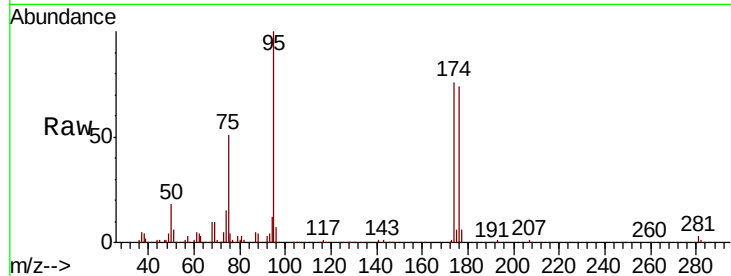




#60
4-Bromofluorobenzene
Concen: 24.425 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

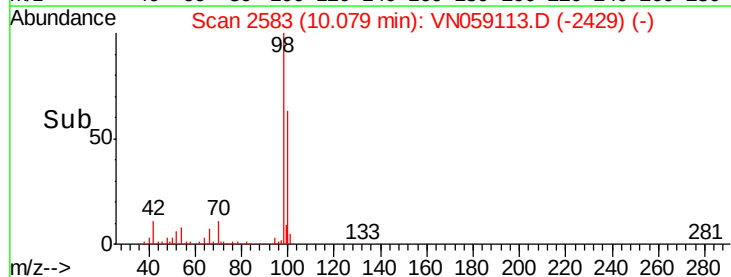
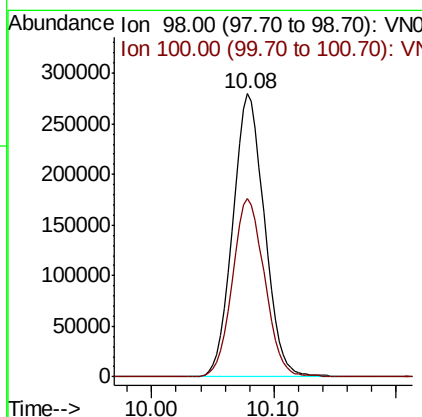
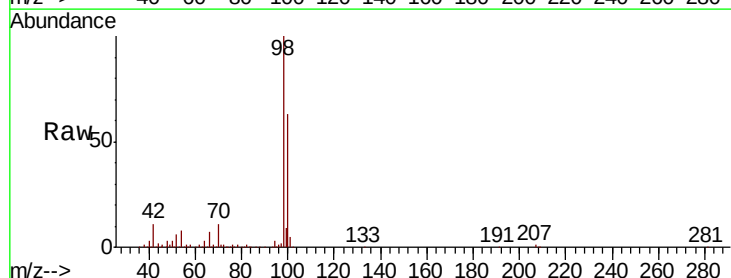
Instrument :
MSVOA_N
ClientSampleId :
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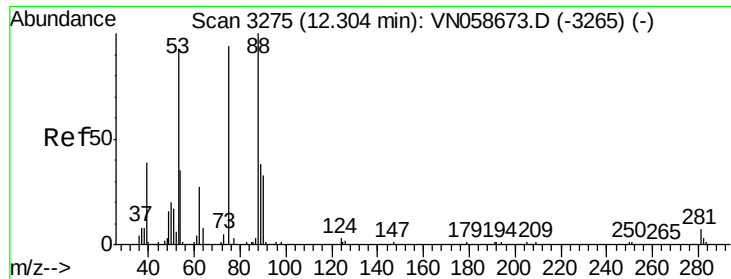
Tot Ion	95	Resp	152589
Ion Ratio	Lower	Upper	
95	100		
174	78.7	59.9	89.9
176	75.8	58.3	87.5



#63
Toluene-d8
Concen: 29.949 ug/l
RT: 10.08 min Scan# 2583
Delta R.T. -0.01 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Tgt Ion	98	Resp	505026
Ion Ratio	Lower	Upper	
98	100		
100	64.0	50.6	75.8





#77
t-1,4-Dichloro-2-butene
Concen: 31.748 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN059113.D
Acq: 7 Nov 2019 11:52

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tot Ion: 75 Resp: 76742
Ion Ratio Lower Upper
75 100
53 0.0 50.0 150.0#
89 0.0 20.7 62.1#

