

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041919\
 Data File : VN055134.D
 Acq On : 19 Apr 2019 11:49
 Operator : JC/SP
 Sample : K2479-06
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FB

Quant Time: Apr 20 03:38:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Apr 12 07:55:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.20	128	70194	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.59	114	358450	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.41	117	292605	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	8.03	65	166326	31.09	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.63%
60) 4-Bromofluorobenzene	12.40	95	100820	22.13	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	73.77%
63) Toluene-d8	10.09	98	439441	31.59	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	105.30%

Target Compounds

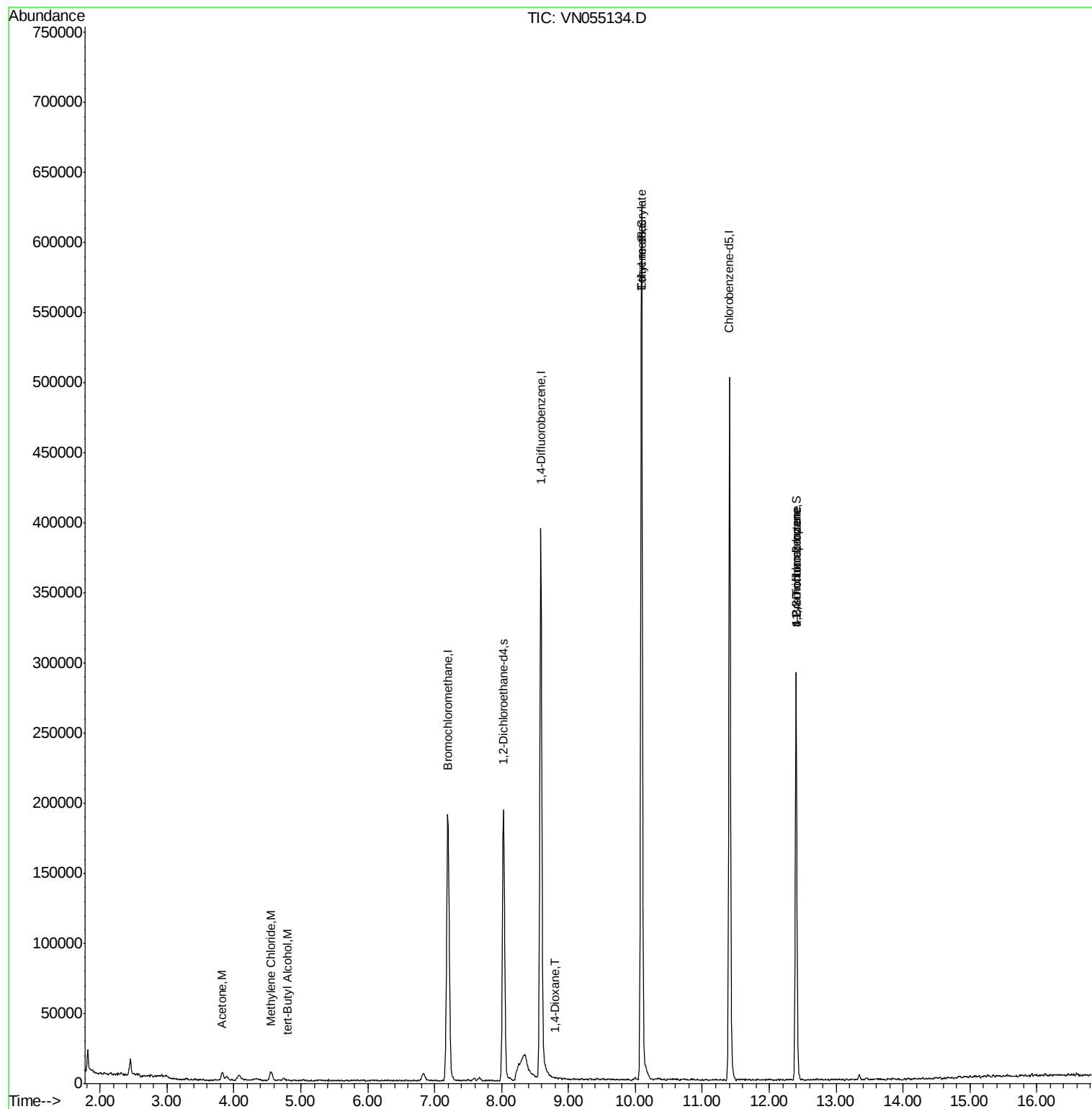
					Ovalue	
15) Acetone	3.82	58	2687	6.918	ug/l	71
18) Methylene Chloride	4.54	84	2033	0.442	ug/l	91
23) tert-Butyl Alcohol	4.80	59	330	1.319	ug/l #	100
45) 1,4-Dioxane	8.79	88	62	1.749	ug/l #	1
51) Ethyl methacrylate	10.10	69	1436	0.344	ug/l	70
72) 1,2,3-Trichloropropane	12.40	75	50742	15.827	ug/l	1
77) t-1,4-Dichloro-2-butene	12.40	75	50742	62.788	ug/l #	1

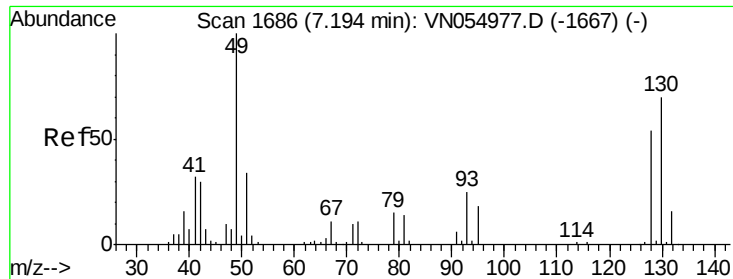
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN041919\
Data File : VN055134.D
Acq On : 19 Apr 2019 11:49
Operator : JC/SP
Sample : K2479-06
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
FB

Quant Time: Apr 20 03:38:35 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N041119W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Apr 12 07:55:25 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 7.20 min Scan# 1688

Delta R.T. 0.01 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

FB

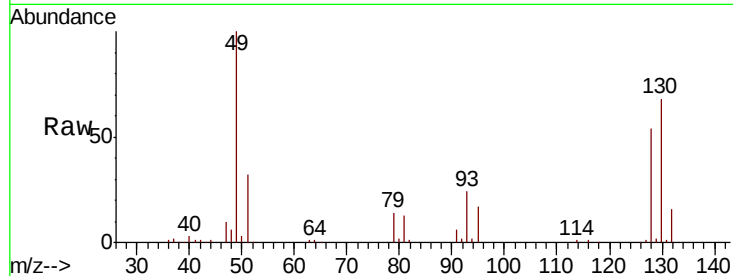
Tot Ion:128 Resp: 70194

Ion Ratio Lower Upper

128 100

49 190.4 0.0 480.3

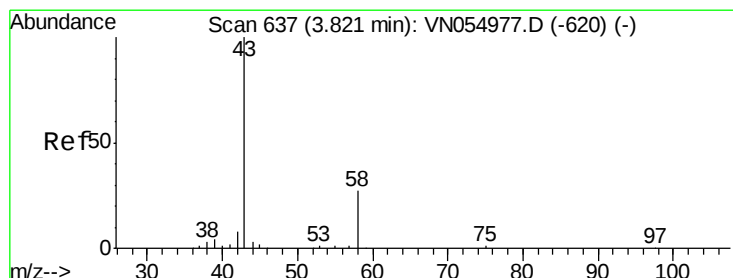
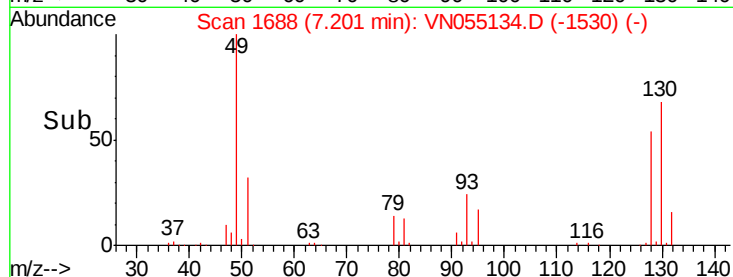
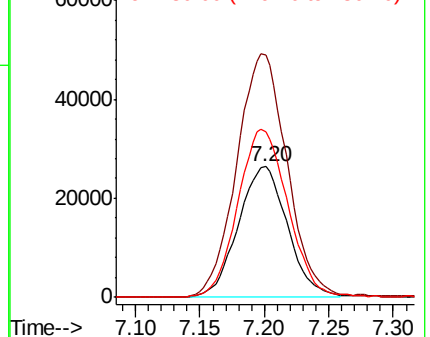
130 130.9 0.0 322.2



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: 6.918 ug/l

RT: 3.82 min Scan# 638

Delta R.T. 0.00 min

Lab File: VN055134.D

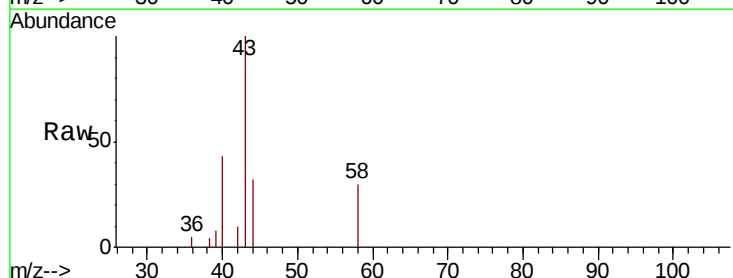
Acq: 19 Apr 2019 11:49

Tgt Ion: 58 Resp: 2687

Ion Ratio Lower Upper

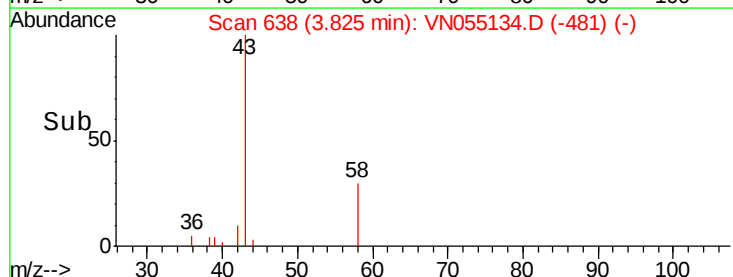
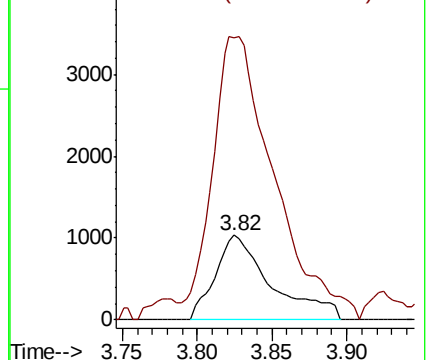
58 100

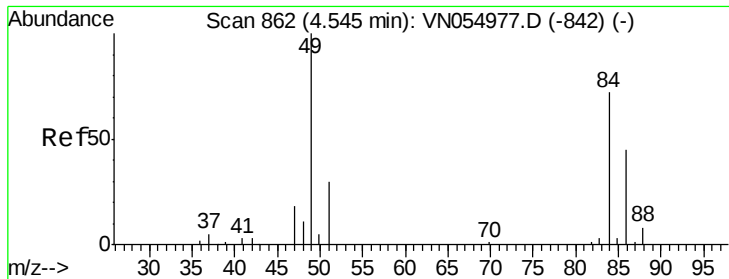
43 306.4 297.2 445.8



Abundance Ion 58.00 (57.70 to 58.70): VN

Ion 43.00 (42.70 to 43.70): VN

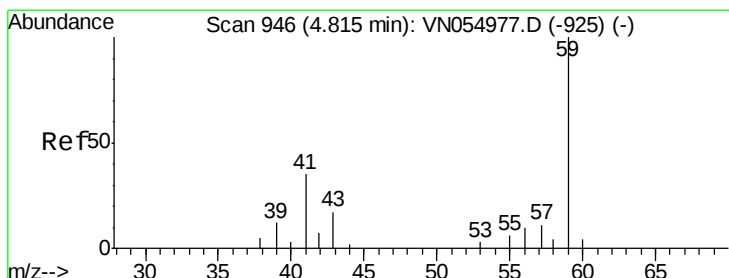
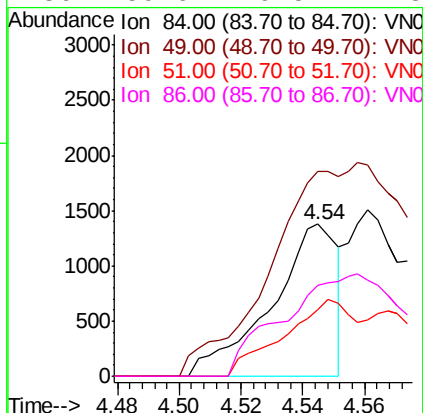
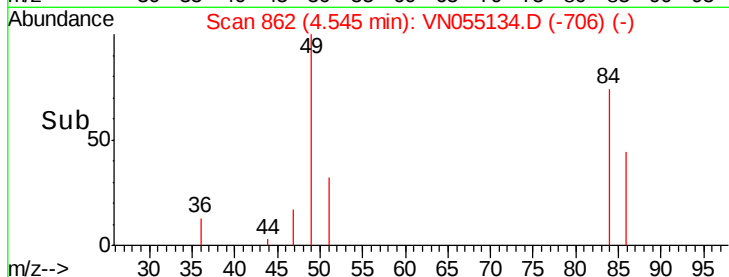
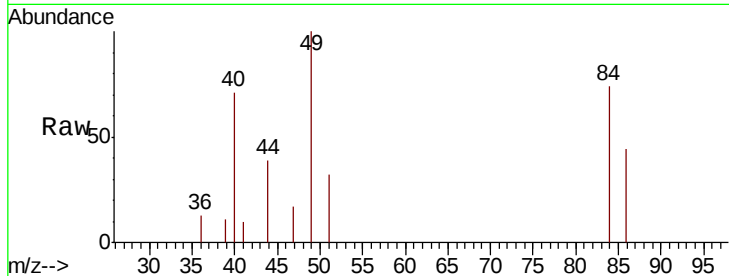




#18
Methylene Chloride
Concen: 0.442 ug/l
RT: 4.54 min Scan# 862
Delta R.T. 0.00 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

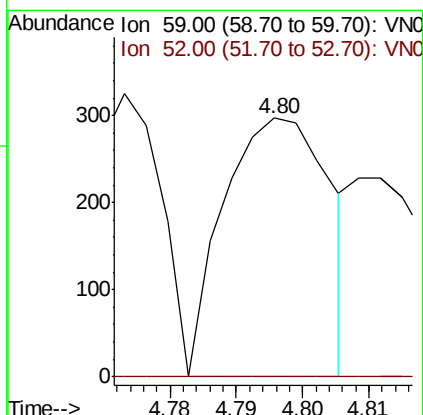
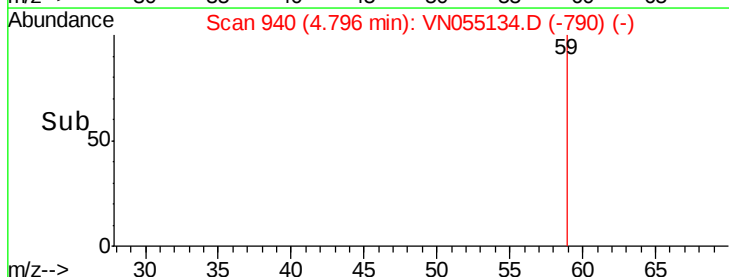
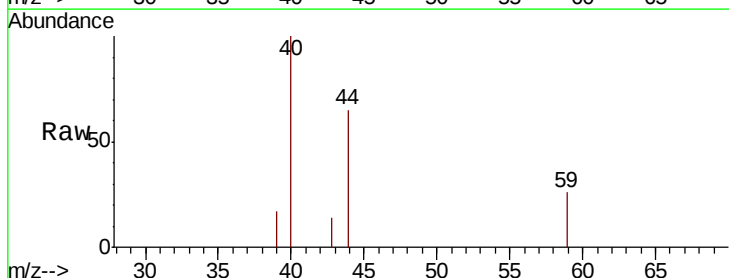
Instrument :
MSVOA_N
ClientSampled :
FB

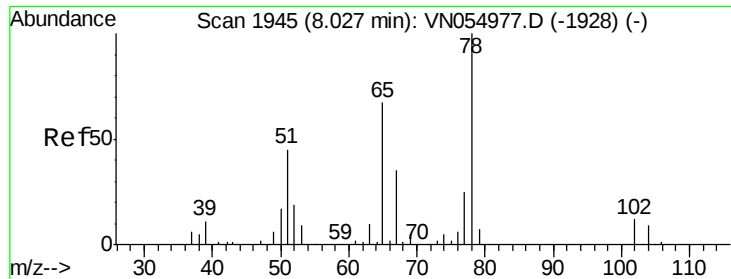
Tot Ion: 84 Resp: 2033
Ion Ratio Lower Upper
84 100
49 121.8 111.0 166.4
51 43.8 33.4 50.2
86 59.6 49.5 74.3



#23
tert-Butyl Alcohol
Concen: 1.319 ug/l
RT: 4.80 min Scan# 940
Delta R.T. -0.02 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

Tgt Ion: 59 Resp: 330
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0





#27

1,2-Dichloroethane-d4

Concen: N.D. ug/l

RT: 8.03 min Scan# 1946

Delta R.T. 0.00 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

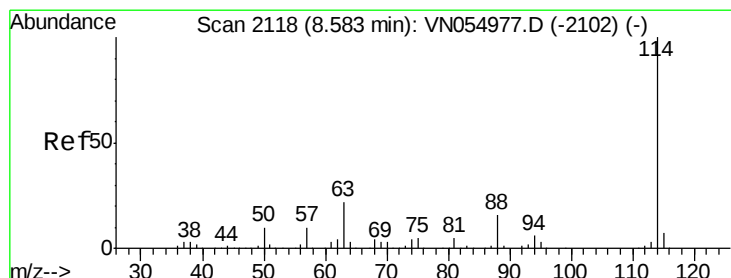
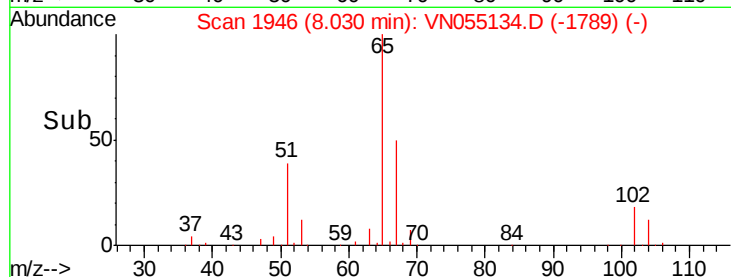
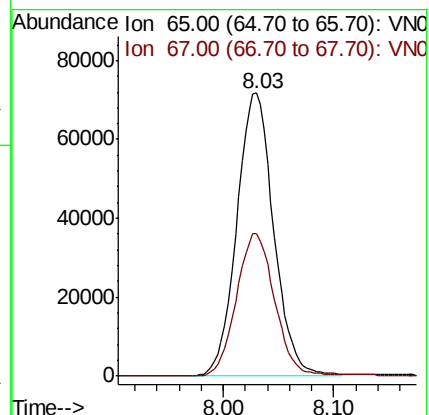
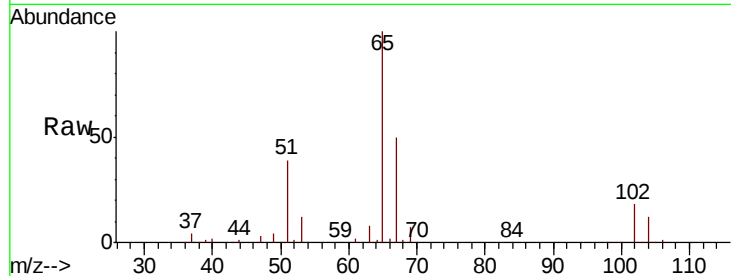
FB

Tot Ion: 65 Resp: 166326

Ion Ratio Lower Upper

65 100

67 52.0 41.8 62.8



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.59 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

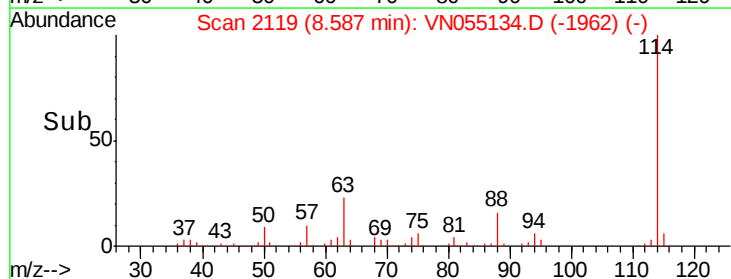
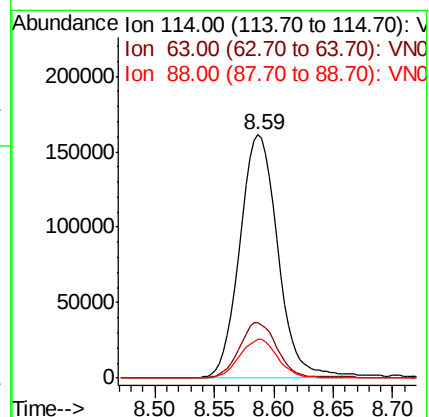
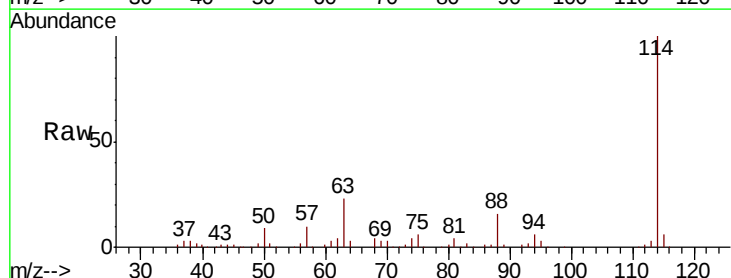
Tgt Ion: 114 Resp: 358450

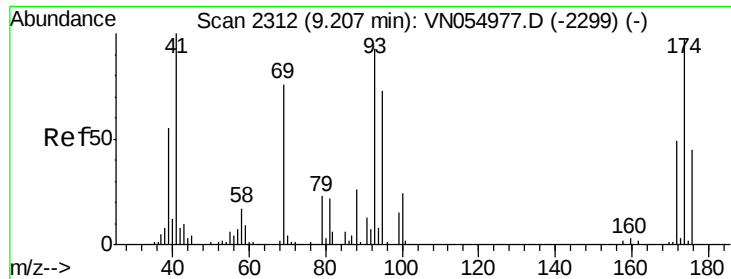
Ion Ratio Lower Upper

114 100

63 22.5 17.0 25.4

88 16.0 12.3 18.5





#45

1,4-Dioxane

Concen: 1.749 ug/l

RT: 8.79 min Scan# 2182

Delta R.T. -0.42 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampleId :

FB

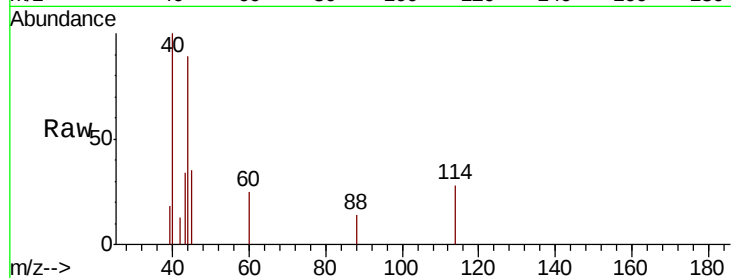
Tot Ion: 88 Resp: 62

Ion Ratio Lower Upper

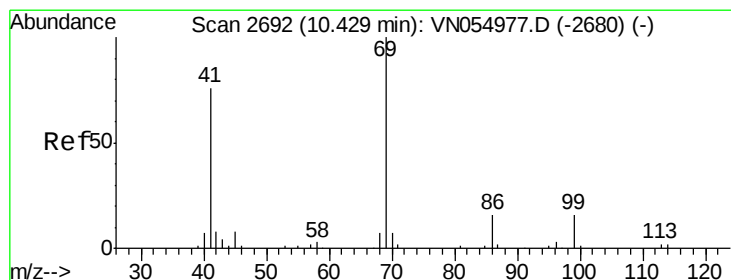
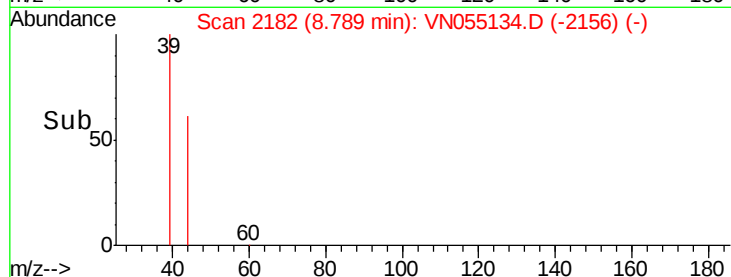
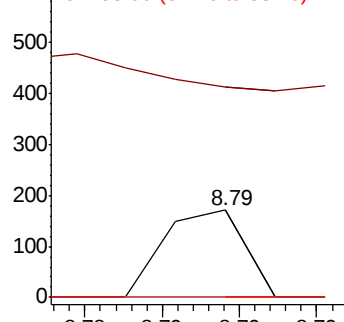
88 100

43 308.1 34.5 51.7#

58 0.0 60.3 90.5#



Abundance Ion 88.00 (87.70 to 88.70): VNO
Ion 43.00 (42.70 to 43.70): VNO
Ion 58.00 (57.70 to 58.70): VNO



#51

Ethyl methacrylate

Concen: 0.344 ug/l

RT: 10.10 min Scan# 2589

Delta R.T. -0.33 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

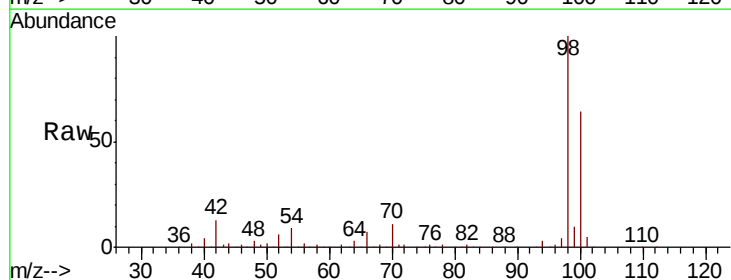
Tgt Ion: 69 Resp: 1436

Ion Ratio Lower Upper

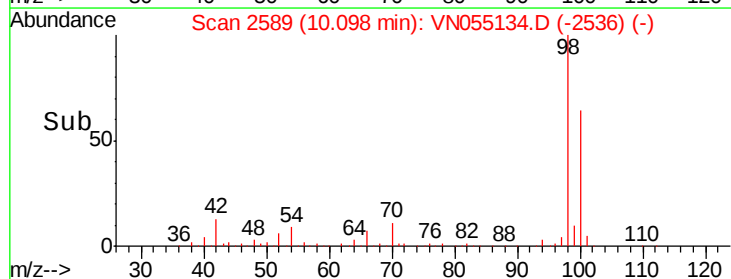
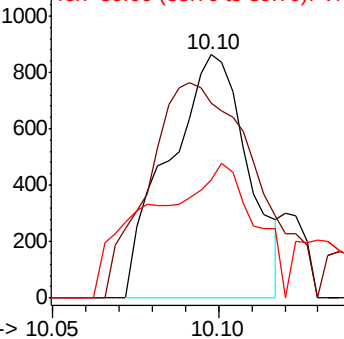
69 100

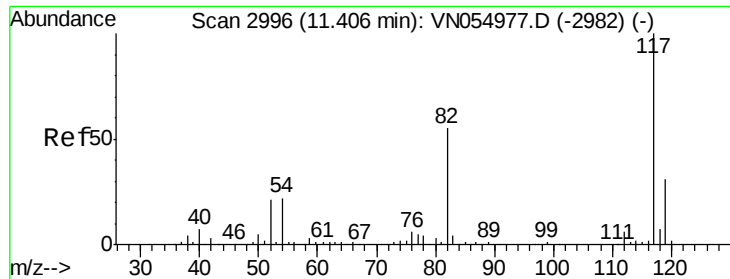
41 51.4 37.9 113.7

39 19.8 19.8 59.4



Abundance Ion 69.00 (68.70 to 69.70): VNO
Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO

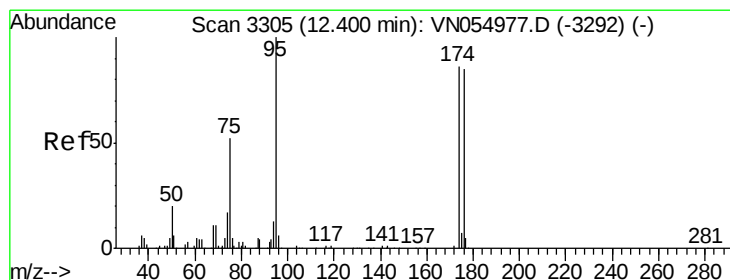
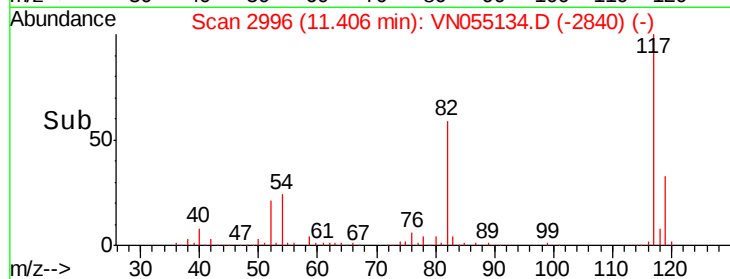
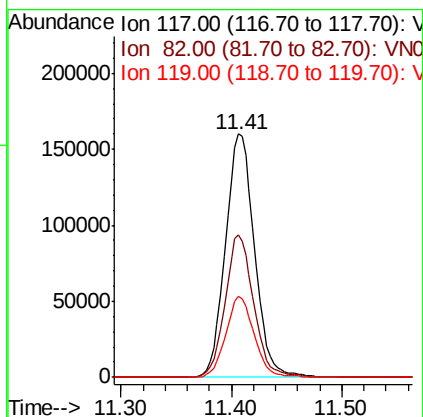
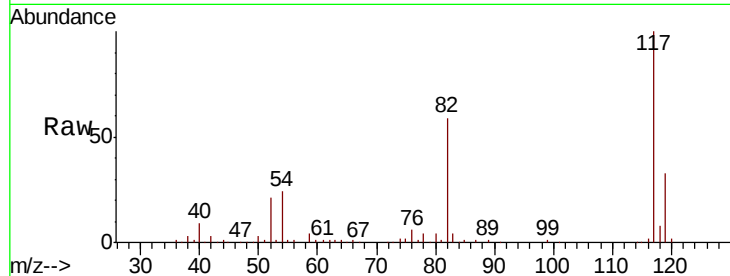




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

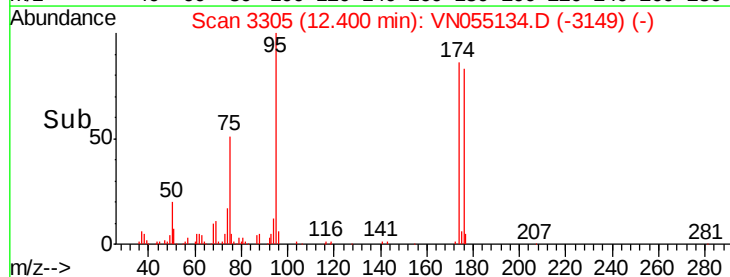
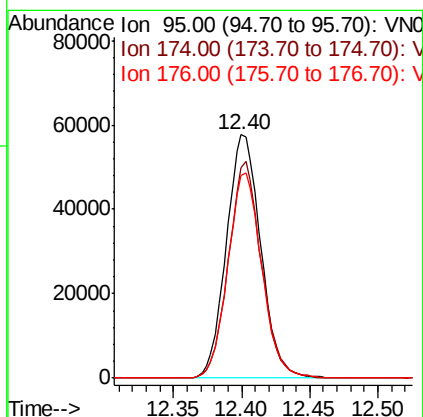
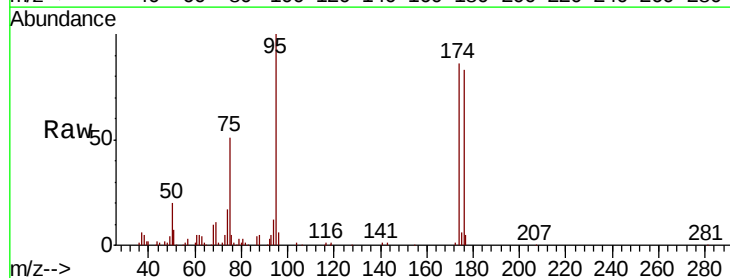
Instrument :
MSVOA_N
ClientSampleId :
FB

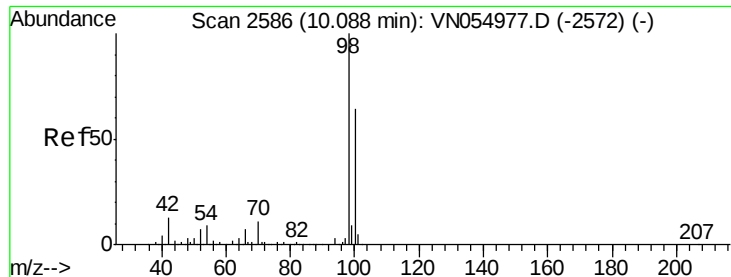
Tot Ion:117 Resp: 292605
Ion Ratio Lower Upper
117 100
82 57.3 45.2 67.8
119 32.5 25.4 38.2



#60
4-Bromofluorobenzene
Concen: Below ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.00 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

Tgt Ion: 95 Resp: 100820
Ion Ratio Lower Upper
95 100
174 85.5 69.4 104.2
176 83.3 67.4 101.2





#63

Toluene-d8

Concen: Below ug/l

RT: 10.09 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN055134.D

Acq: 19 Apr 2019 11:49

Instrument :

MSVOA_N

ClientSampled :

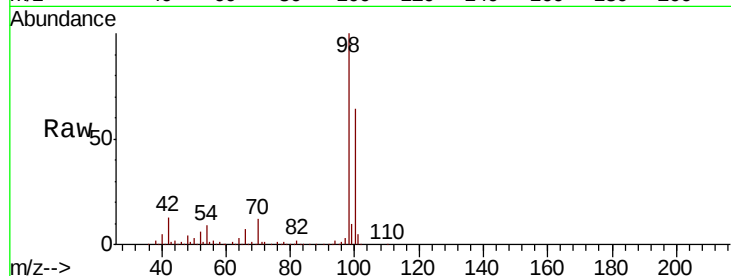
FB

Tot Ion: 98 Resp: 439441

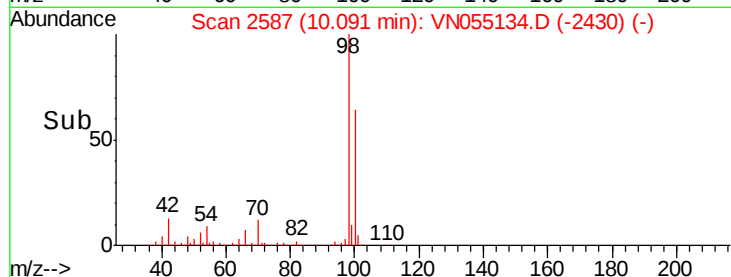
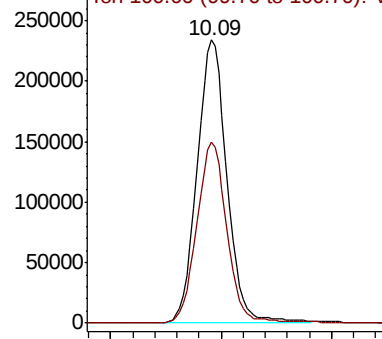
Ion Ratio Lower Upper

98 100

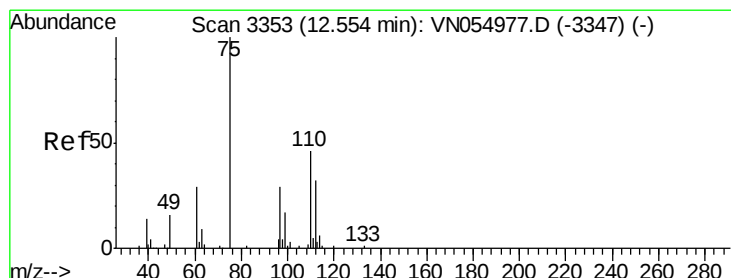
100 64.3 51.1 76.7



Abundance Ion 98.00 (97.70 to 98.70): VN054977.D (-2572) (-)



Time-->



#72

1,2,3-Trichloropropane

Concen: 15.827 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.15 min

Lab File: VN055134.D

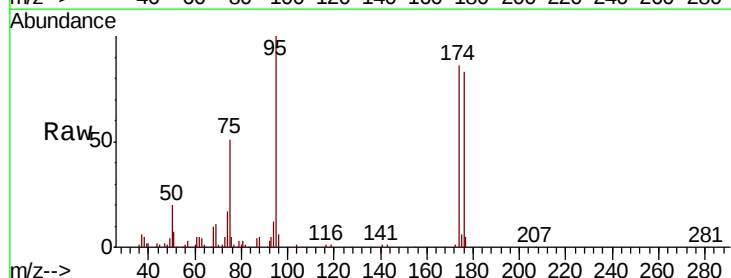
Acq: 19 Apr 2019 11:49

Tgt Ion: 75 Resp: 50742

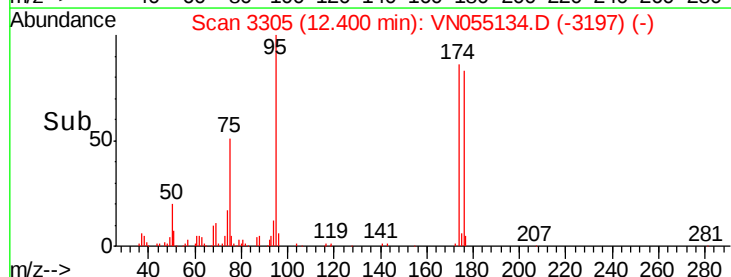
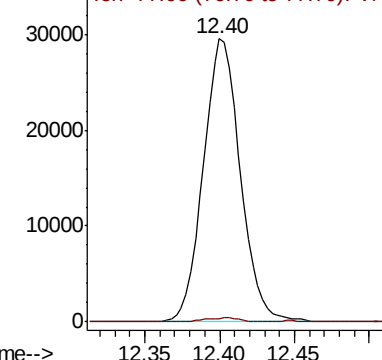
Ion Ratio Lower Upper

75 100

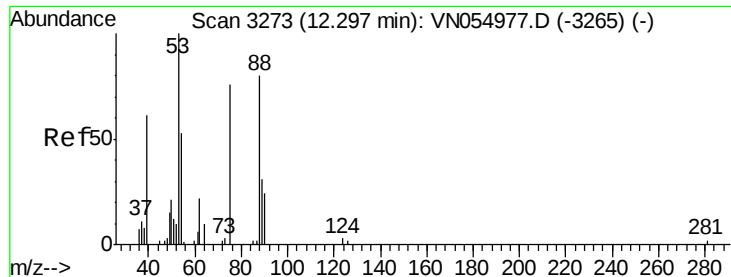
77 0.9 0.0 466.6



Abundance Ion 75.00 (74.70 to 75.70): VN054977.D (-3347) (-)



Time-->



#77
t-1,4-Dichloro-2-butene
Concen: 62.788 ug/l
RT: 12.40 min Scan# 3305
Delta R.T. 0.10 min
Lab File: VN055134.D
Acq: 19 Apr 2019 11:49

Instrument :
MSVOA_N
ClientSampleId :
FB

Tot Ion: 75 Resp: 50742
Ion Ratio Lower Upper
75 100
53 0.0 64.3 192.7#
89 0.0 21.6 65.0#

