

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100920\
 Data File : VN064040.D
 Acq On : 9 Oct 2020 16:02
 Operator : JC/MD
 Sample : L4327-01 5X
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 14B-1

Quant Time: Oct 10 01:59:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Oct 06 16:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	7.15	128	42915	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	216117	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	198664	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.99	65	120113	31.16	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	103.87%
60) 4-Bromofluorobenzene	12.38	95	77454	22.80	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	76.00%
63) Toluene-d8	10.06	98	267898	29.76	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.20%

Target Compounds

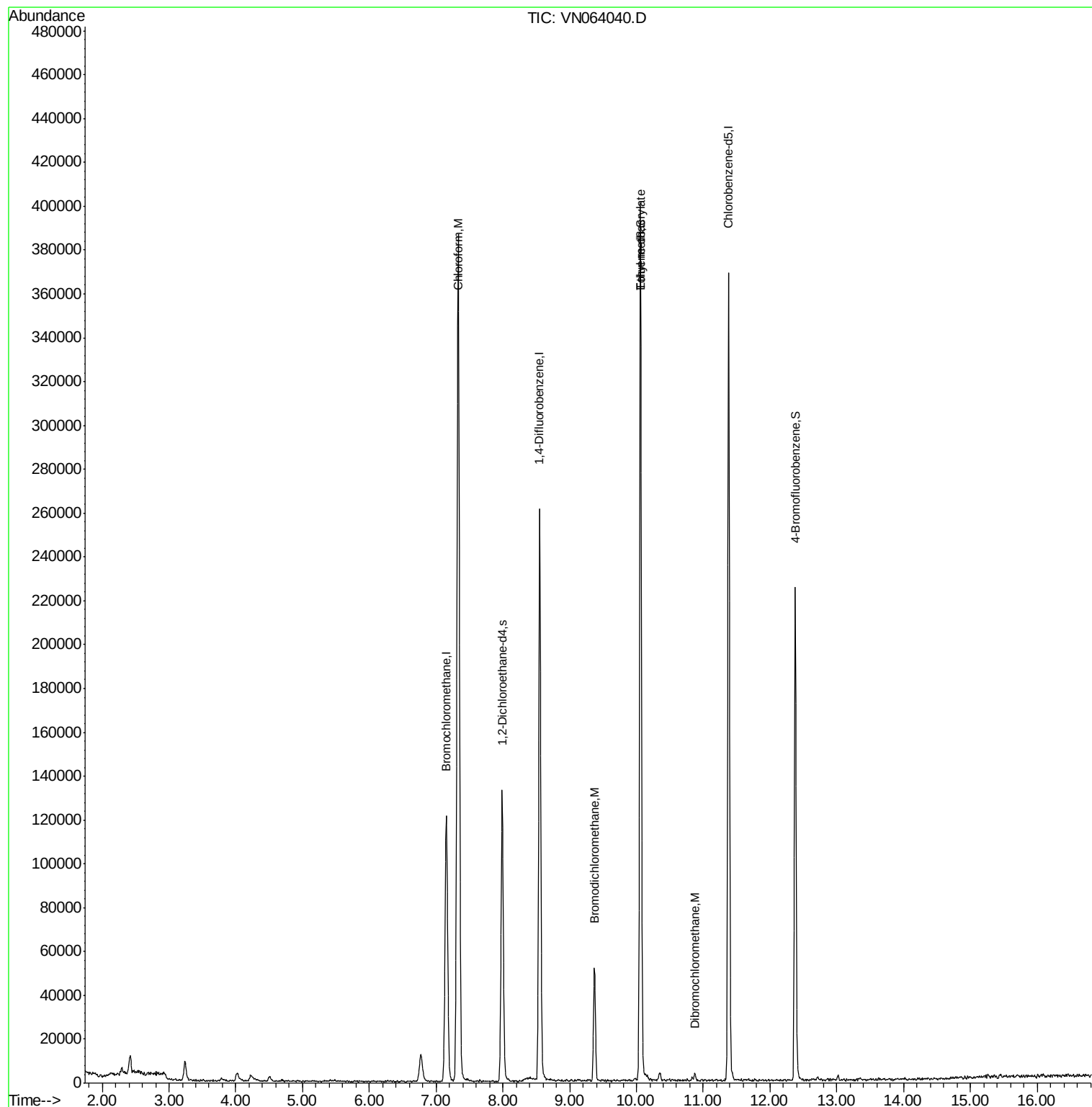
					Ovalue
25) Chloroform	7.33	83	402673	73.625 ug/l	96
41) Bromodichloromethane	9.37	83	33821	7.969 ug/l	95
51) Ethyl methacrylate	10.06	69	1331	0.337 ug/l	78
53) Dibromochloromethane	10.88	129	2018	0.643 ug/l	59

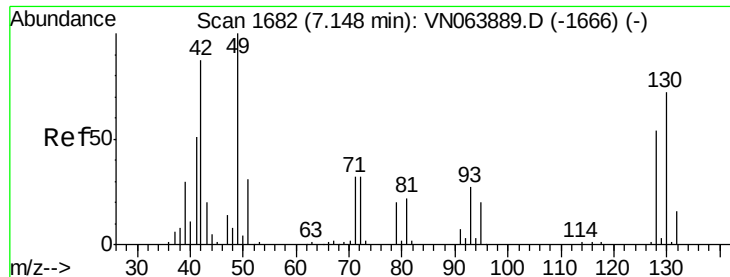
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN100920\
Data File : VN064040.D
Acq On : 9 Oct 2020 16:02
Operator : JC/MD
Sample : L4327-01 5X
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
14B-1

Quant Time: Oct 10 01:59:56 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA N\METHODS\624N100620W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Tue Oct 06 16:42:38 2020
Response via : Initial Calibration

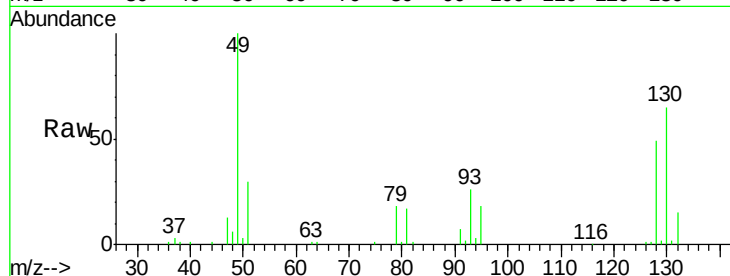




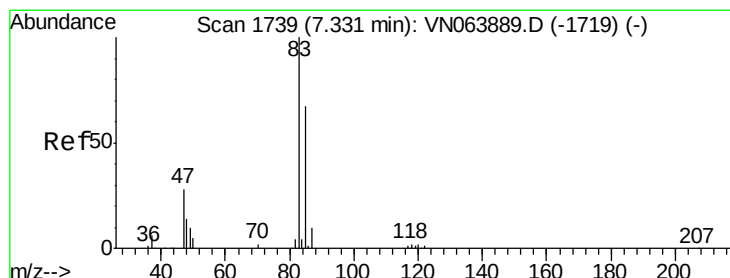
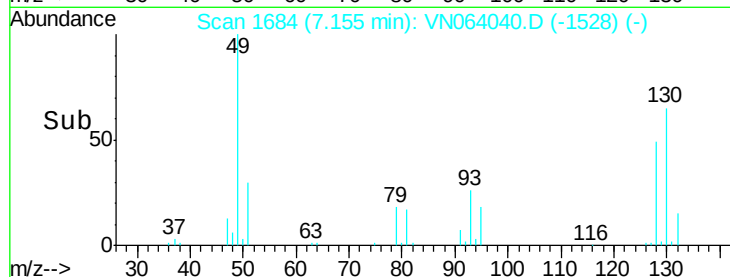
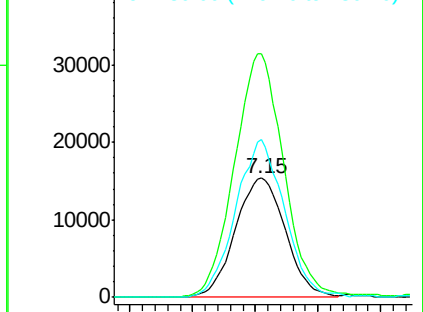
#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.15 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VN064040.D
Acq: 9 Oct 2020 16:02

Instrument :
MSVOA_N
ClientSampled :
14B-1

Tot Ion:128 Resp: 42915
Ion Ratio Lower Upper
128 100
49 199.4 0.0 437.5
130 127.7 0.0 327.3

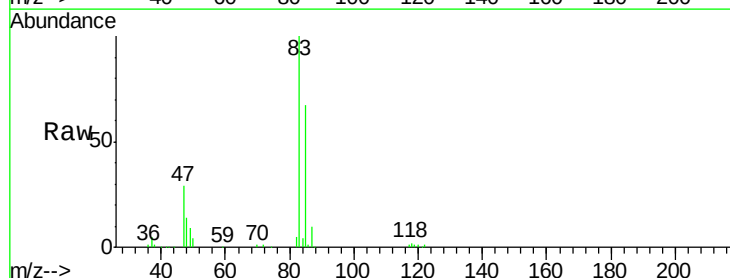


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VN
Ion 130.00 (129.70 to 130.70): V

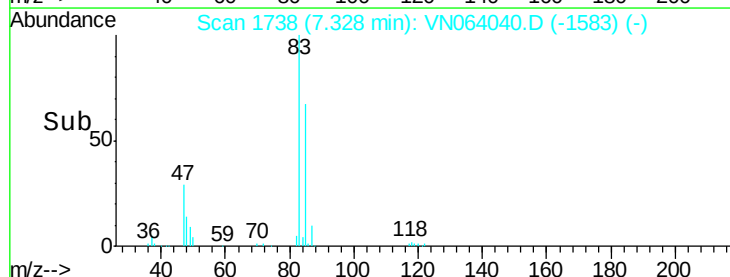
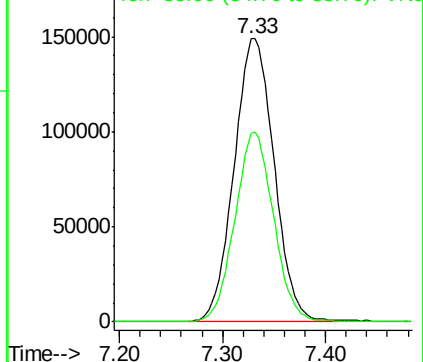


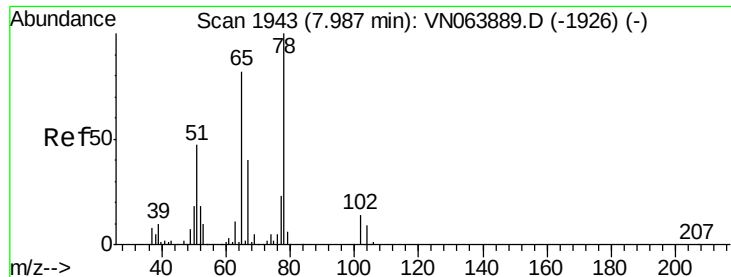
#25
Chloroform
Concen: 73.625 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. -0.00 min
Lab File: VN064040.D
Acq: 9 Oct 2020 16:02

Tgt Ion: 83 Resp: 402673
Ion Ratio Lower Upper
83 100
85 66.6 51.0 76.4



Abundance Ion 83.00 (82.70 to 83.70): VN
Ion 85.00 (84.70 to 85.70): VN

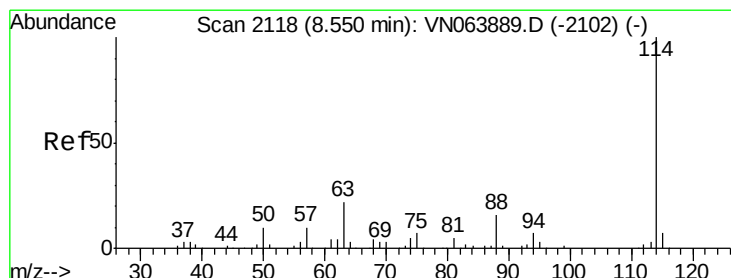
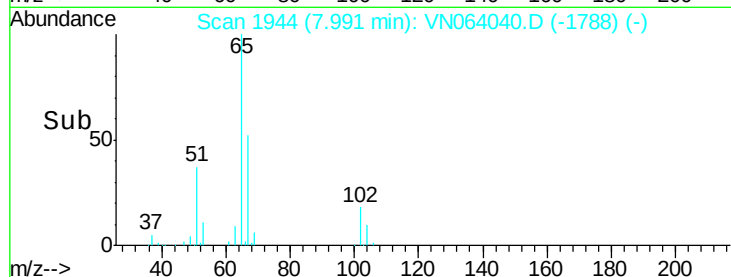
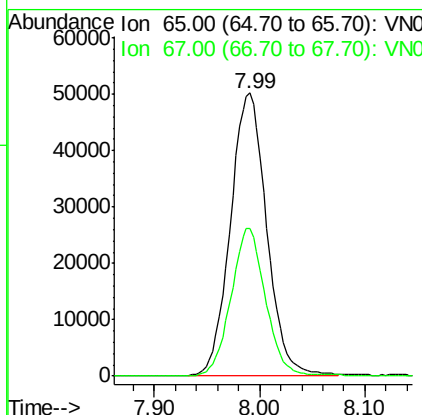
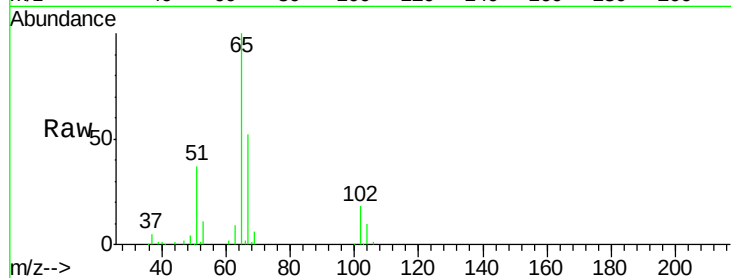




#27
 1,2-Dichloroethane-d4
 Concen: 31.164 ug/l
 RT: 7.99 min Scan# 1944
 Delta R.T. 0.00 min
 Lab File: VN064040.D
 Acq: 9 Oct 2020 16:02

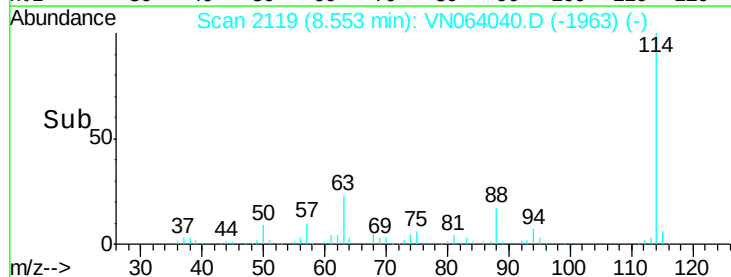
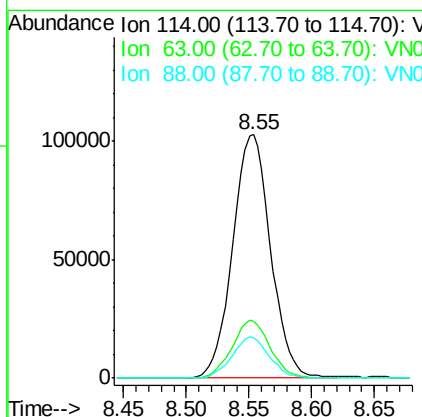
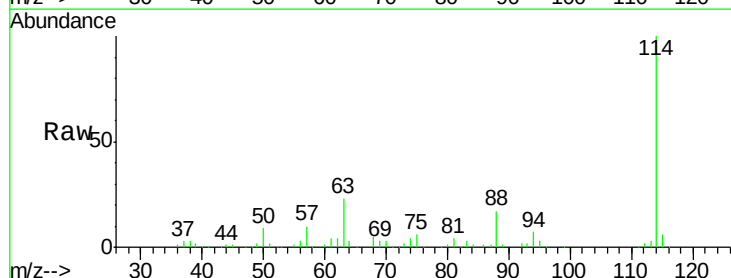
Instrument :
 MSVOA_N
 ClientSampled :
 14B-1

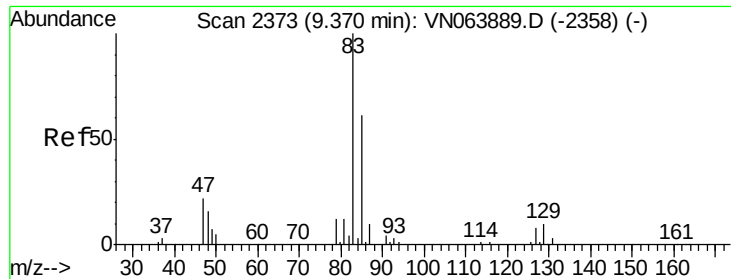
Tot Ion: 65 Resp: 120113
 Ion Ratio Lower Upper
 65 100
 67 49.3 43.8 65.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 8.55 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: VN064040.D
 Acq: 9 Oct 2020 16:02

Tgt Ion: 114 Resp: 216117
 Ion Ratio Lower Upper
 114 100
 63 23.6 17.0 25.6
 88 16.4 12.6 18.8





#41

Bromodichloromethane

Concen: 7.969 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN064040.D

Acq: 9 Oct 2020 16:02

Instrument :

MSVOA_N

ClientSampleId :

14B-1

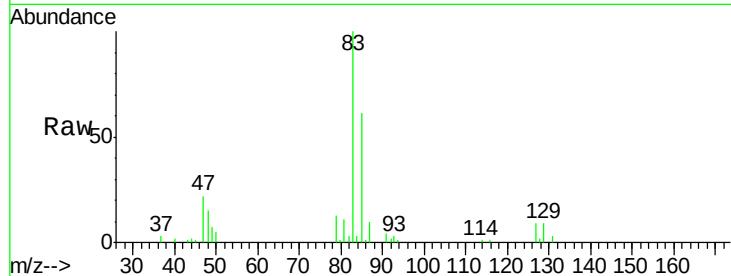
Tot Ion: 83 Resp: 33821

Ion Ratio Lower Upper

83 100

85 61.3 52.6 79.0

127 8.8 7.4 11.0

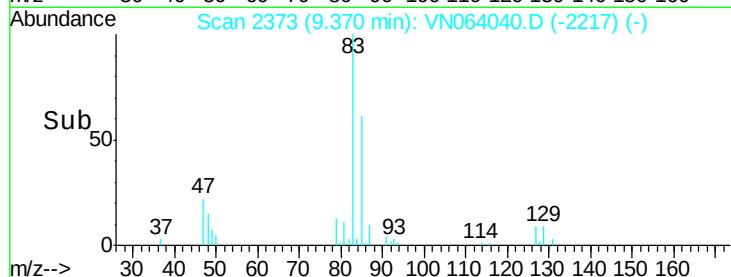


Abundance Ion 83.00 (82.70 to 83.70): VN063889.D (-2358) (-)

Ion 85.00 (84.70 to 85.70): VN063889.D (-2358) (-)

Ion 127.00 (126.70 to 127.70): VN063889.D (-2358) (-)

Time-->

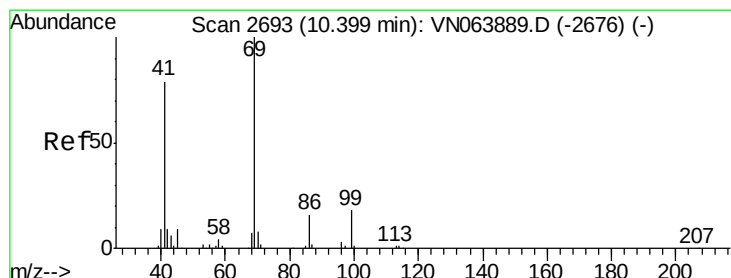


Abundance Ion 83.00 (82.70 to 83.70): VN064040.D (-2217) (-)

Ion 85.00 (84.70 to 85.70): VN064040.D (-2217) (-)

Ion 127.00 (126.70 to 127.70): VN064040.D (-2217) (-)

Time-->



#51

Ethyl methacrylate

Concen: 0.337 ug/l

RT: 10.06 min Scan# 2588

Delta R.T. -0.34 min

Lab File: VN064040.D

Acq: 9 Oct 2020 16:02

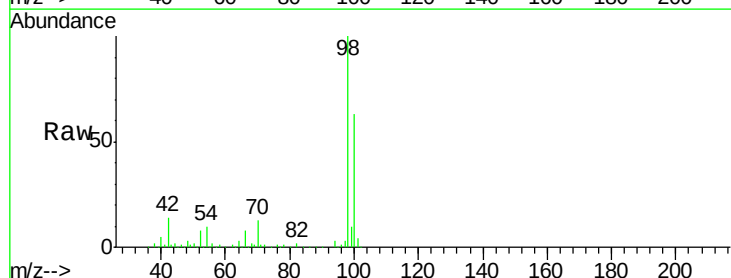
Tgt Ion: 69 Resp: 1331

Ion Ratio Lower Upper

69 100

41 79.4 32.1 96.5

39 16.6 16.1 48.3

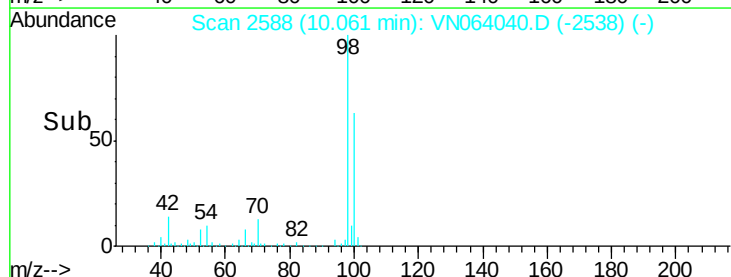


Abundance Ion 69.00 (68.70 to 69.70): VN063889.D (-2676) (-)

Ion 41.00 (40.70 to 41.70): VN063889.D (-2676) (-)

Ion 39.00 (38.70 to 39.70): VN063889.D (-2676) (-)

Time-->

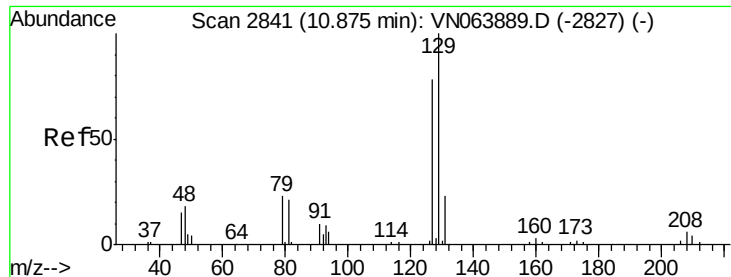


Abundance Ion 69.00 (68.70 to 69.70): VN064040.D (-2538) (-)

Ion 41.00 (40.70 to 41.70): VN064040.D (-2538) (-)

Ion 39.00 (38.70 to 39.70): VN064040.D (-2538) (-)

Time-->



#53

Dibromochloromethane

Concen: 0.643 ug/l

RT: 10.88 min Scan# 2842

Delta R.T. 0.01 min

Lab File: VN064040.D

Acq: 9 Oct 2020 16:02

Instrument :

MSVOA_N

ClientSampled :

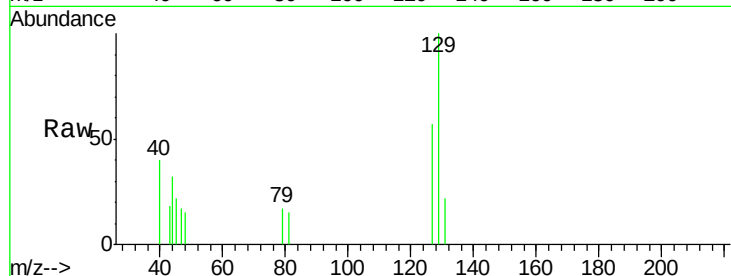
14B-1

Tot Ion:129 Resp: 2018

Ion Ratio Lower Upper

129 100

127 41.8 38.7 116.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

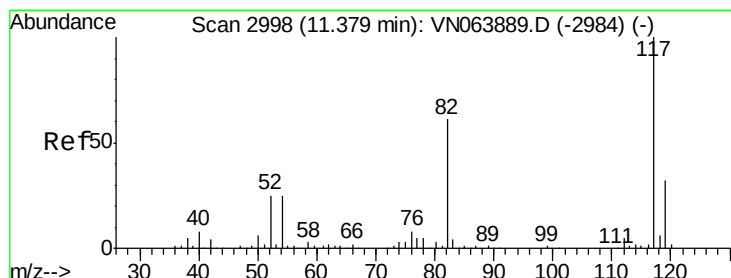
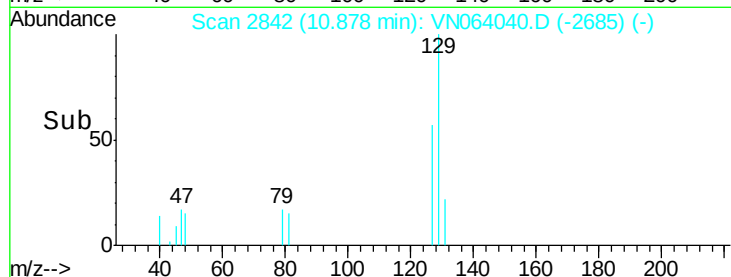
10.88

1000

500

0

Time-->



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064040.D

Acq: 9 Oct 2020 16:02

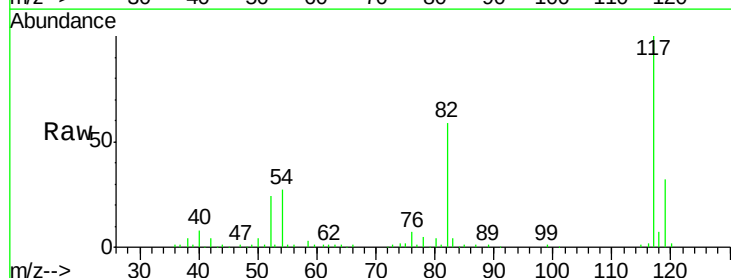
Tgt Ion:117 Resp: 198664

Ion Ratio Lower Upper

117 100

82 60.2 44.9 67.3

119 32.3 26.0 39.0



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

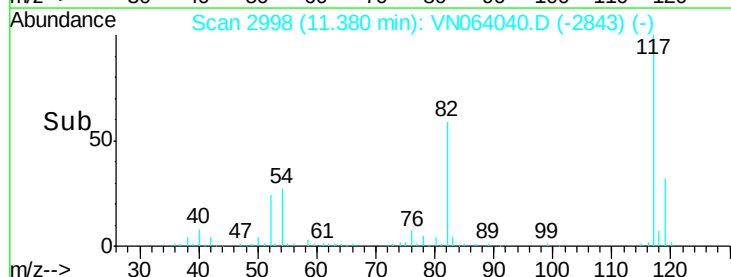
150000

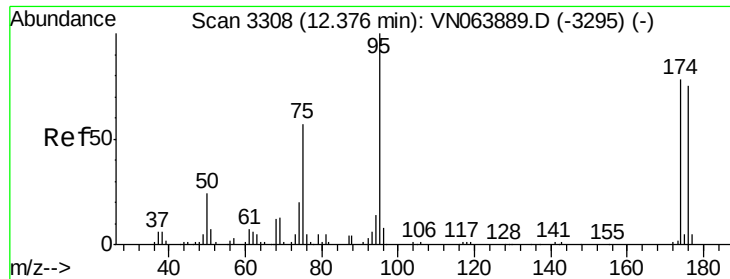
100000

50000

0

Time-->

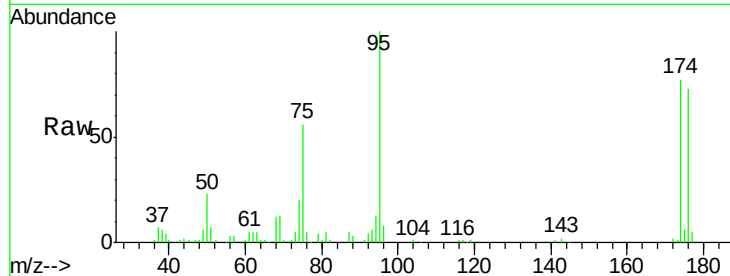




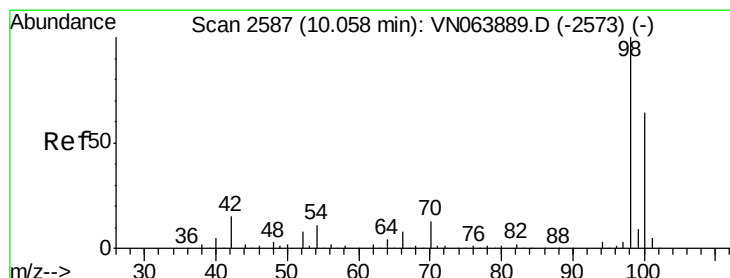
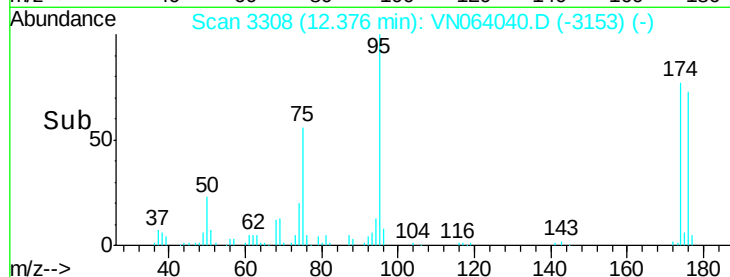
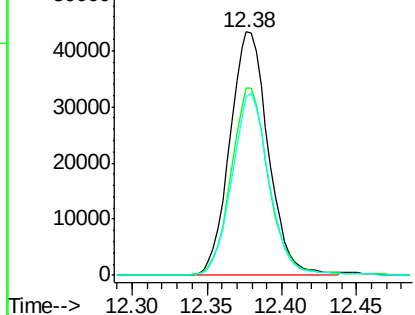
#60
 4-Bromofluorobenzene
 Concen: 22.798 ug/l
 RT: 12.38 min Scan# 3308
 Delta R.T. -0.00 min
 Lab File: VN064040.D
 Acq: 9 Oct 2020 16:02

Instrument :
 MSVOA_N
 ClientSampled :
 14B-1

Tot Ion: 95 Resp: 77454
 Ion Ratio Lower Upper
 95 100
 174 75.1 70.1 105.1
 176 72.2 66.8 100.2

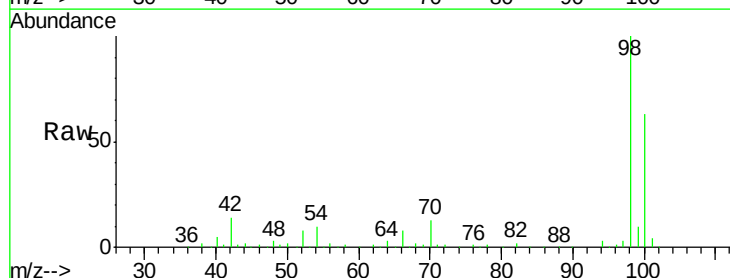


Abundance Ion 95.00 (94.70 to 95.70): VN0
 Ion 174.00 (173.70 to 174.70): V
 Ion 176.00 (175.70 to 176.70): V



#63
 Toluene-d8
 Concen: 29.756 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN064040.D
 Acq: 9 Oct 2020 16:02

Tgt Ion: 98 Resp: 267898
 Ion Ratio Lower Upper
 98 100
 100 62.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
 Ion 100.00 (99.70 to 100.70): V

