

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN100620\NOT REVIEWED DATA\
 Data File : VN063894.D
 Acq On : 6 Oct 2020 15:10
 Operator : JC/MD
 Sample : VN1006WBL01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBL01

Quant Time: Oct 06 18:28:29 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	57374	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	8.55	114	304293	30.00	ug/l	0.00
57) Chlorobenzene-d5	11.38	117	270999	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	7.98	65	156423	30.36	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.20%
60) 4-Bromofluorobenzene	12.38	95	117377	25.33	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	84.43%
63) Toluene-d8	10.06	98	363852	29.63	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.77%

Target Compounds

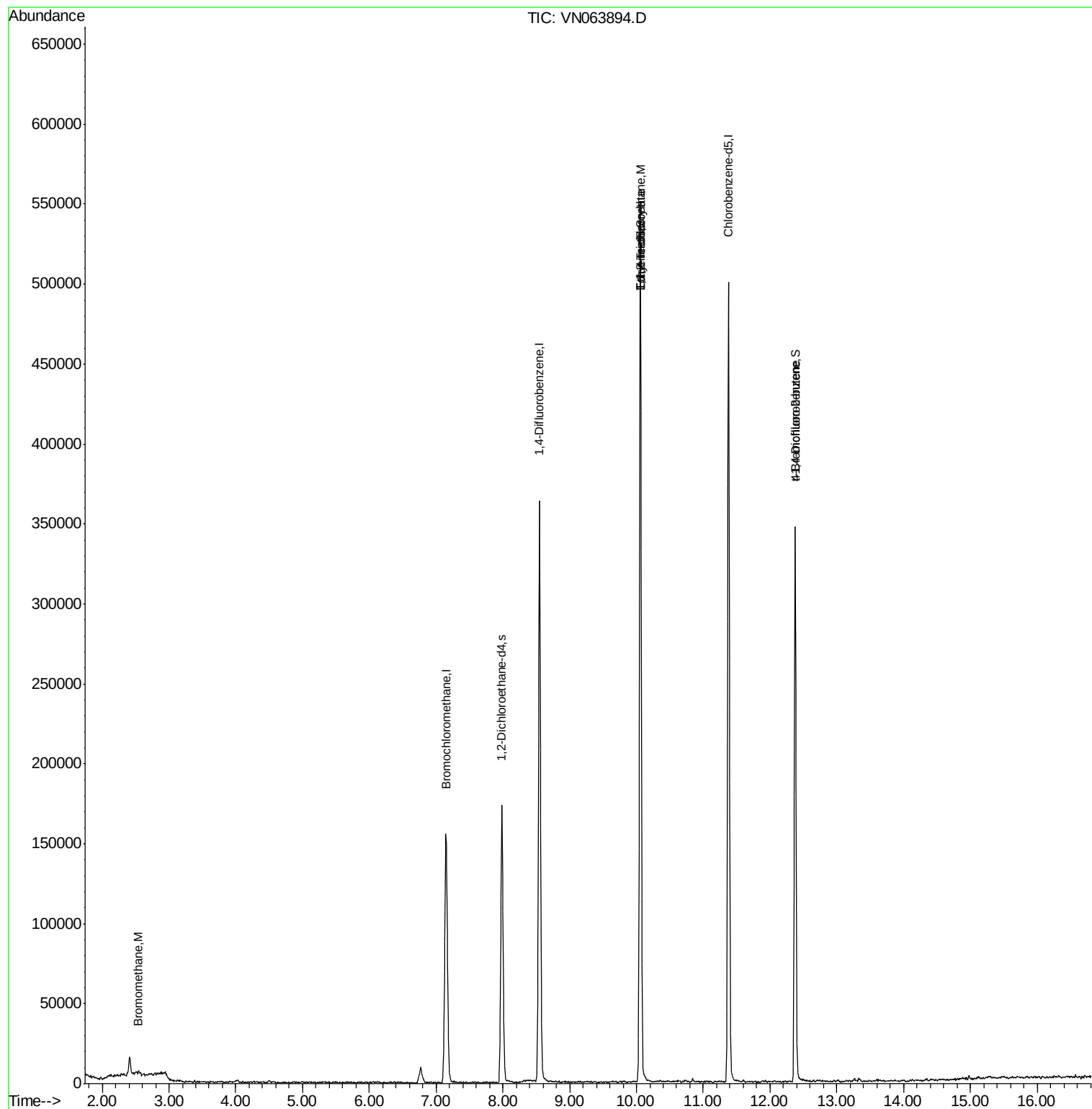
					Qvalue
5) Bromomethane	2.55	94	606	0.236 ug/l #	60
50) 1,1,2-Trichloroethane	10.06	97	12212	3.181 ug/l #	1
51) Ethyl methacrylate	10.06	69	1500	0.269 ug/l	81
77) t-1,4-Dichloro-2-butene	12.38	75	65275	35.385 ug/l #	12

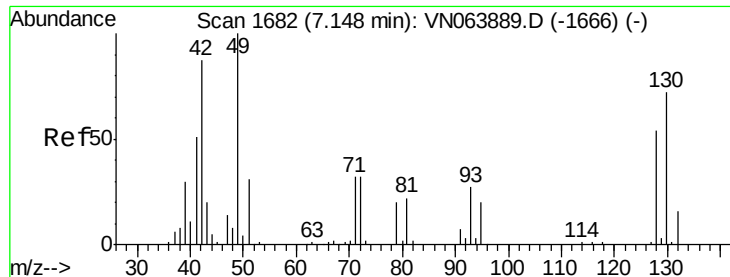
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 1683

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

Instrument :

MSVOA_N

ClientSampled :

VN1006WBL01

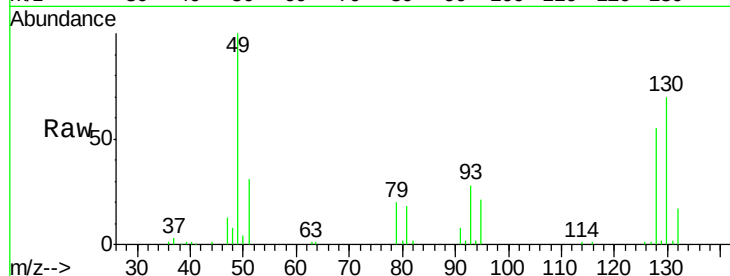
Tgt Ion:128 Resp: 57374

Ion Ratio Lower Upper

128 100

49 182.0 0.0 437.5

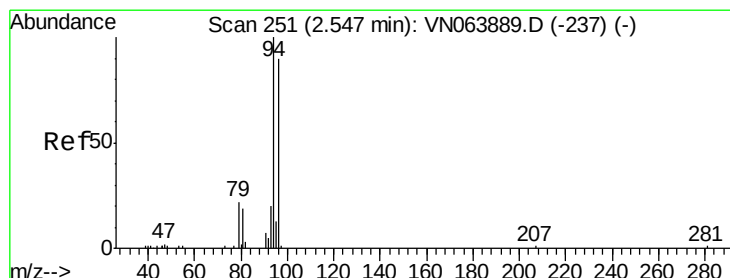
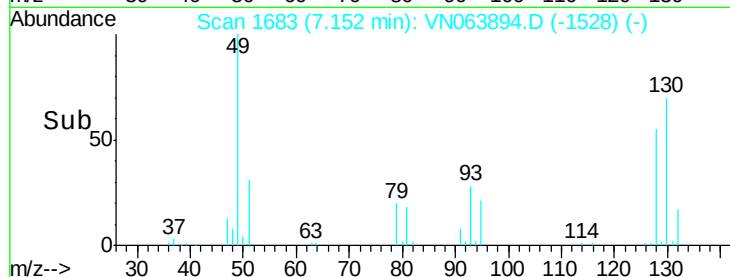
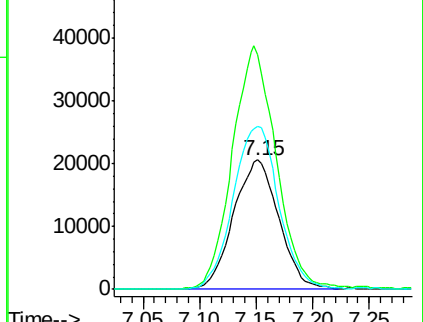
130 127.5 0.0 327.3



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



#5

Bromomethane

Concen: 0.236 ug/l

RT: 2.55 min Scan# 252

Delta R.T. 0.02 min

Lab File: VN063894.D

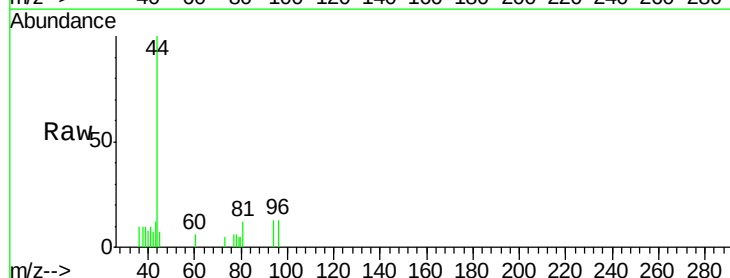
Acq: 6 Oct 2020 15:10

Tgt Ion: 94 Resp: 606

Ion Ratio Lower Upper

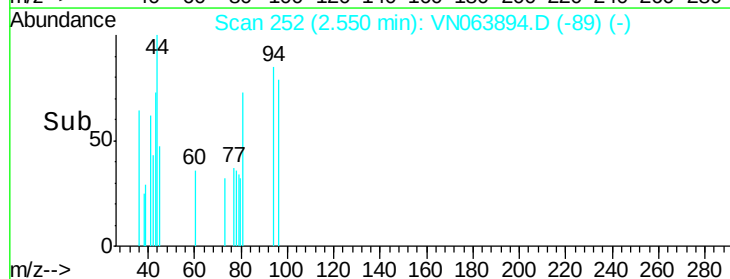
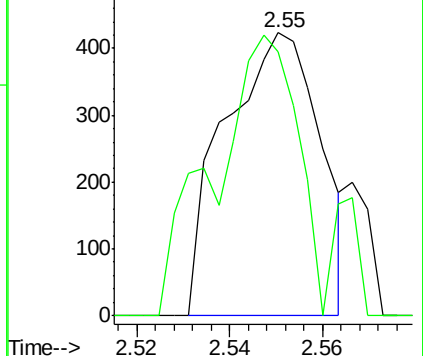
94 100

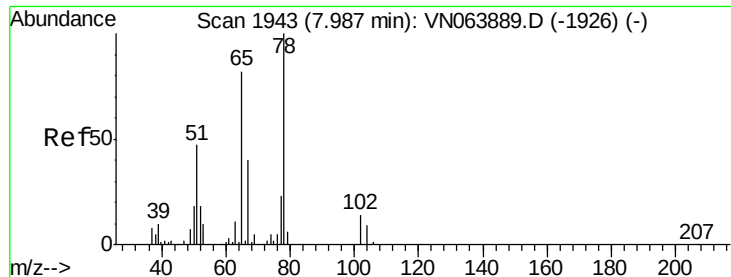
96 53.9 74.0 111.0#



Abundance Ion 94.00 (93.70 to 94.70): VN0

Ion 96.00 (95.70 to 96.70): VN0





#27

1,2-Dichloroethane-d4

Concen: 30.357 ug/l

RT: 7.98 min Scan# 1942

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

Instrument :

MSVOA_N

ClientSampleId :

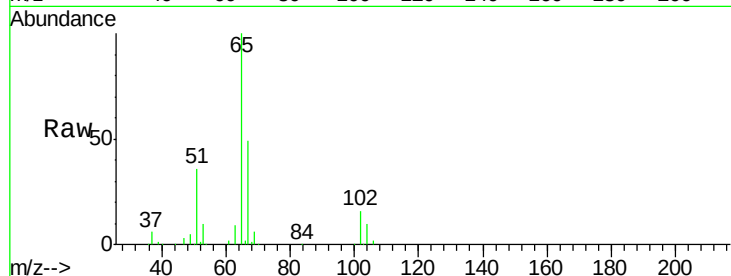
VN1006WBL01

Tgt Ion: 65 Resp: 156423

Ion Ratio Lower Upper

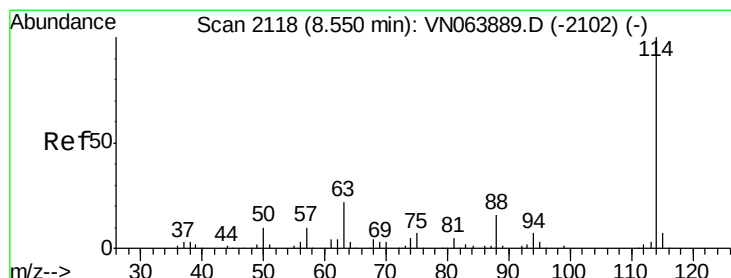
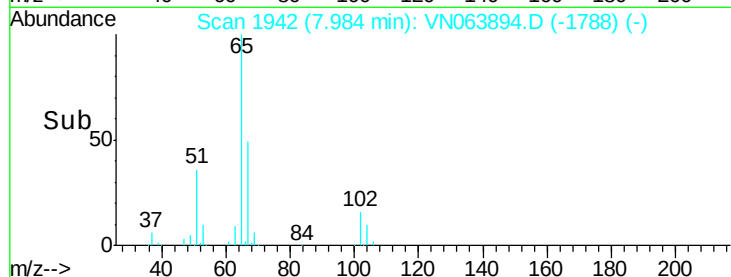
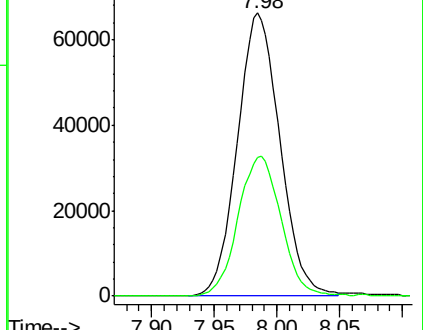
65 100

67 49.9 43.8 65.6



Abundance Ion 65.00 (64.70 to 65.70): VN063889.D (-1926) (-)

Ion 67.00 (66.70 to 67.70): VN063889.D (-1926) (-)



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 8.55 min Scan# 2117

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

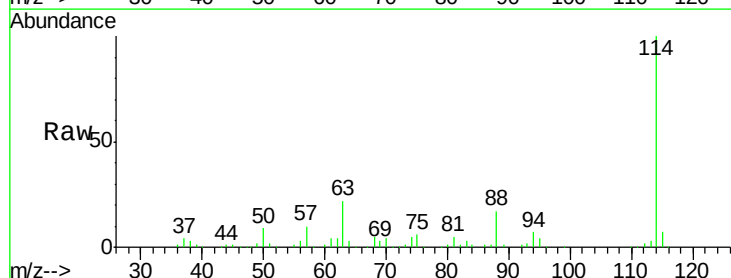
Tgt Ion: 114 Resp: 304293

Ion Ratio Lower Upper

114 100

63 22.2 17.0 25.6

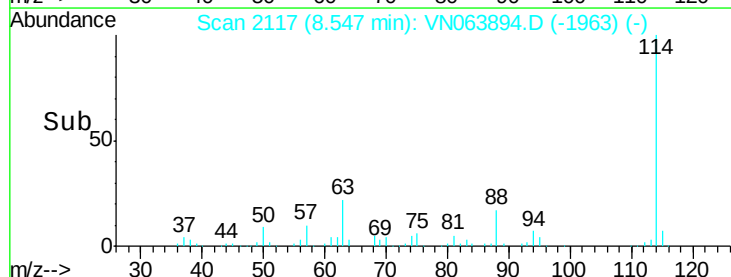
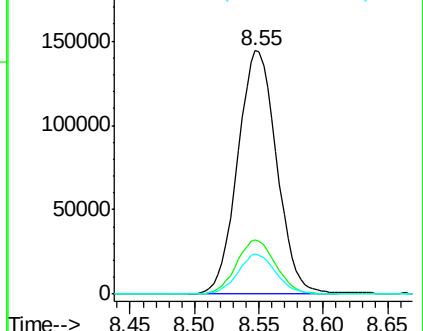
88 16.1 12.6 18.8

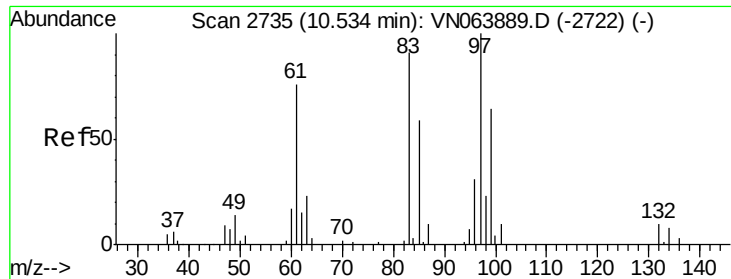


Abundance Ion 114.00 (113.70 to 114.70): VN063889.D (-2102) (-)

Ion 63.00 (62.70 to 63.70): VN063889.D (-2102) (-)

Ion 88.00 (87.70 to 88.70): VN063889.D (-2102) (-)

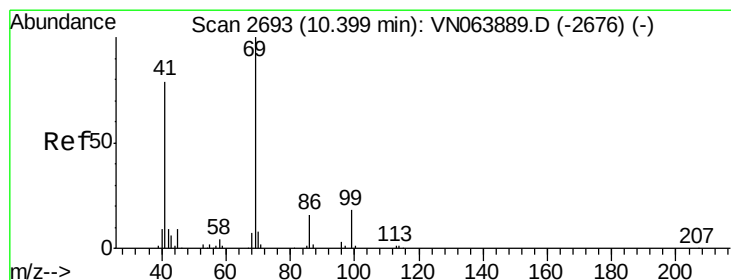
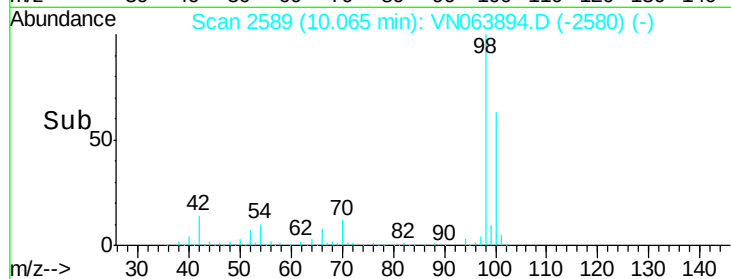
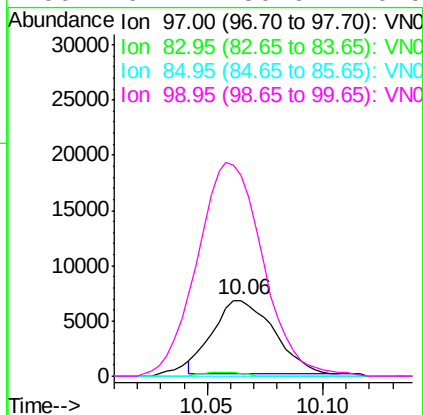
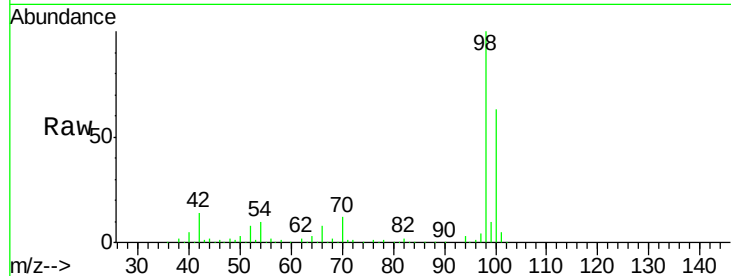




#50
 1,1,2-Trichloroethane
 Concen: 3.181 ug/l
 RT: 10.06 min Scan# 2589
 Delta R.T. -0.47 min
 Lab File: VN063894.D
 Acq: 6 Oct 2020 15:10

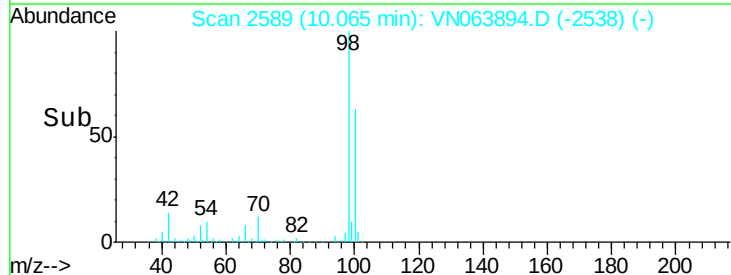
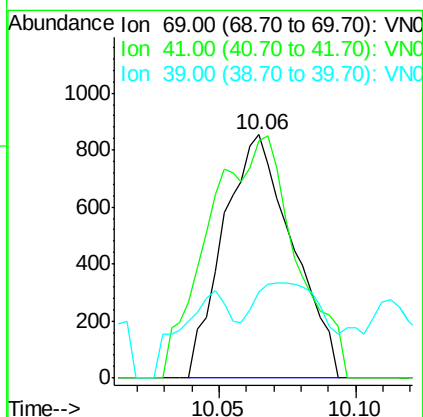
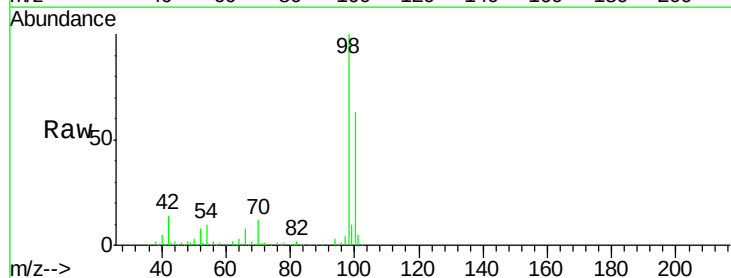
Instrument :
 MSVOA_N
 ClientSampleId :
 VN1006WBL01

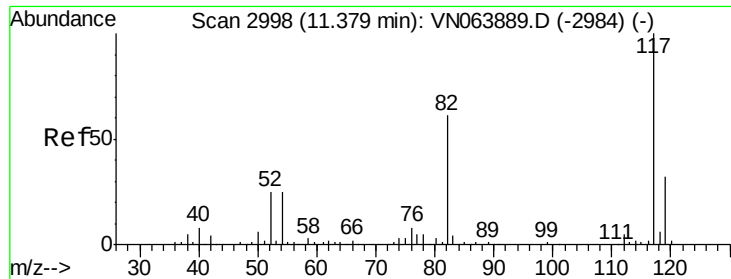
Tgt Ion: 97 Resp: 12212
 Ion Ratio Lower Upper
 97 100
 83 4.3 69.9 104.9#
 85 0.0 44.0 66.0#
 99 267.7 50.6 76.0#



#51
 Ethyl methacrylate
 Concen: 0.269 ug/l
 RT: 10.06 min Scan# 2589
 Delta R.T. -0.34 min
 Lab File: VN063894.D
 Acq: 6 Oct 2020 15:10

Tgt Ion: 69 Resp: 1500
 Ion Ratio Lower Upper
 69 100
 41 76.1 32.1 96.5
 39 17.2 16.1 48.3

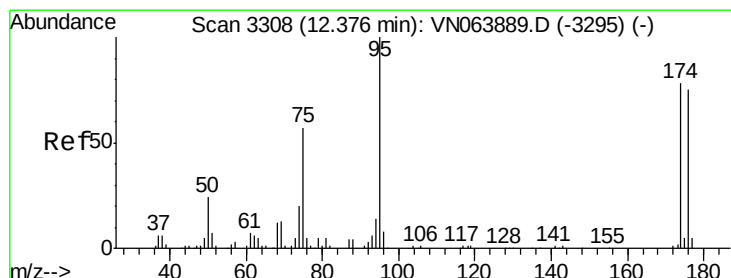
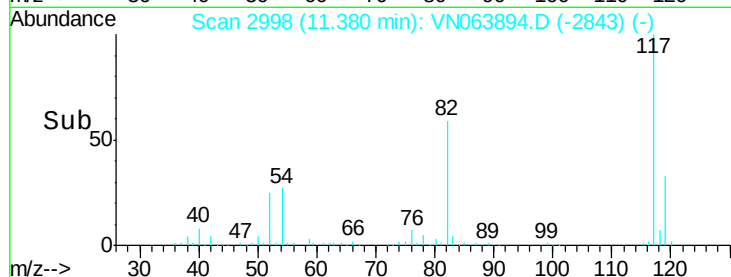
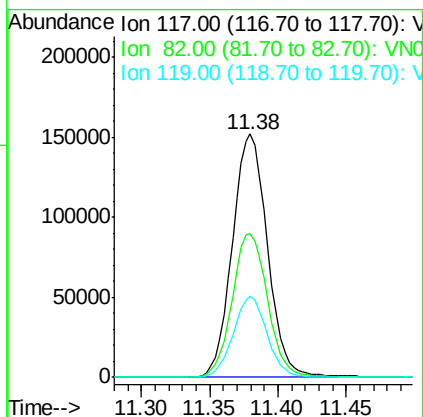
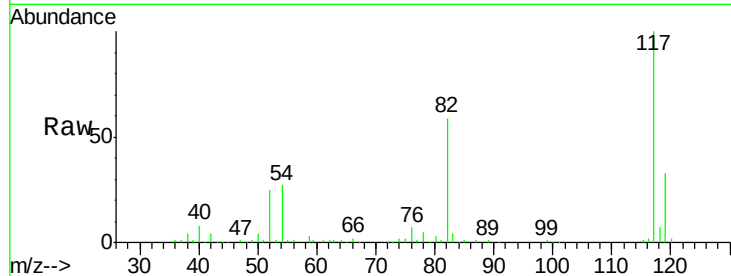




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

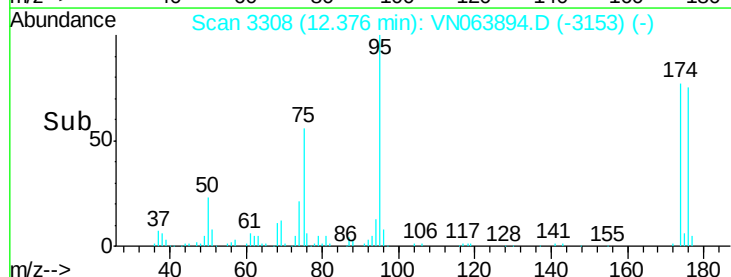
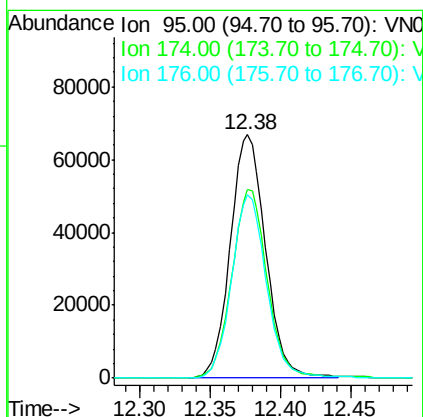
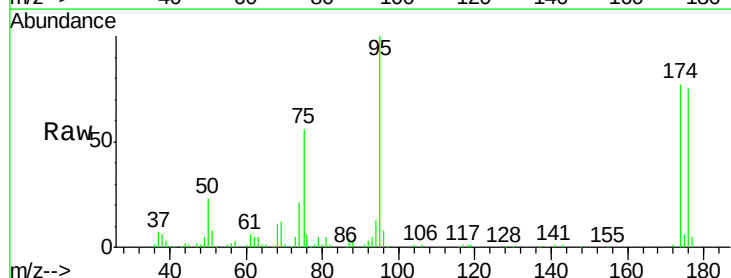
Instrument :
MSVOA_N
ClientSampleId :
VN1006WBL01

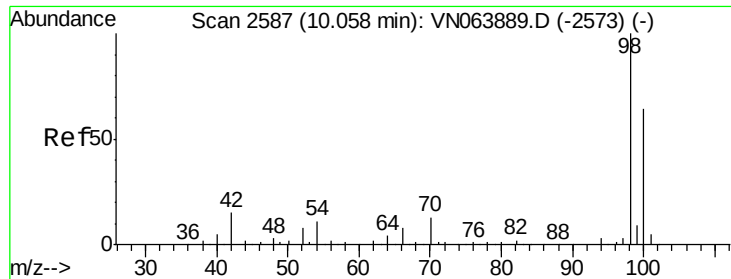
Tgt Ion: 117 Resp: 270999
Ion Ratio Lower Upper
117 100
82 59.8 44.9 67.3
119 32.1 26.0 39.0



#60
4-Bromofluorobenzene
Concen: 25.327 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. -0.00 min
Lab File: VN063894.D
Acq: 6 Oct 2020 15:10

Tgt Ion: 95 Resp: 117377
Ion Ratio Lower Upper
95 100
174 77.5 70.1 105.1
176 73.8 66.8 100.2





#63

Toluene-d8

Concen: 29.626 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. -0.00 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

Instrument :

MSVOA_N

ClientSampled :

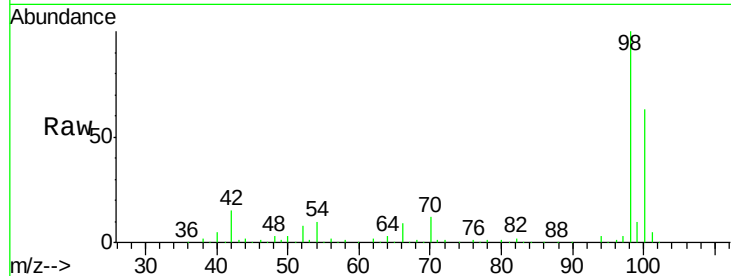
VN1006WBL01

Tgt Ion: 98 Resp: 363852

Ion Ratio Lower Upper

98 100

100 64.5 51.4 77.2



Abundance Ion 98.00 (97.70 to 98.70): VN063889.D (-2573) (-)

Ion 100.00 (99.70 to 100.70): VN063889.D (-2573) (-)

10.06

200000

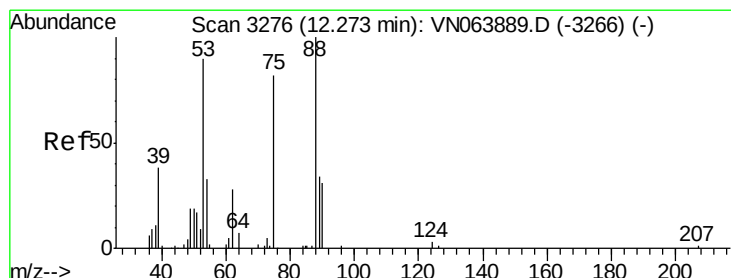
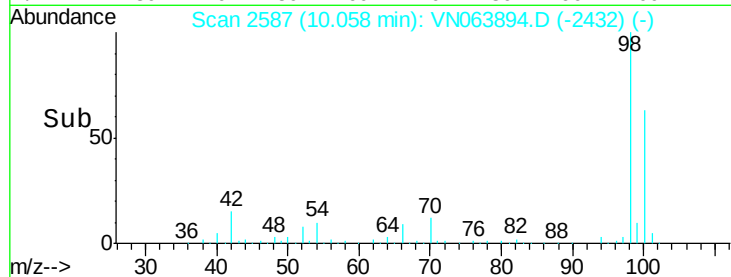
150000

100000

50000

0

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 35.385 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.10 min

Lab File: VN063894.D

Acq: 6 Oct 2020 15:10

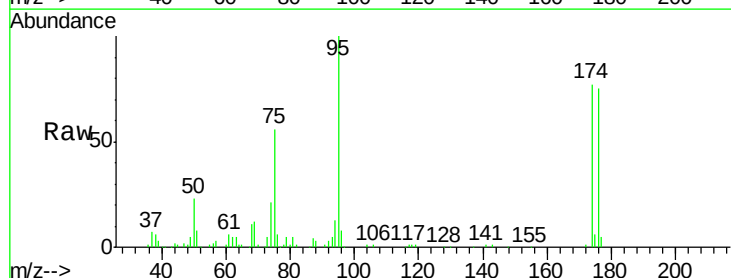
Tgt Ion: 75 Resp: 65275

Ion Ratio Lower Upper

75 100

53 0.0 47.0 141.0#

89 0.0 22.9 68.7#



Abundance Ion 75.00 (74.70 to 75.70): VN063889.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063889.D (-3266) (-)

Ion 89.00 (88.70 to 89.70): VN063889.D (-3266) (-)

12.38

50000

40000

30000

20000

10000

0

Time-->

