

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN022520\
 Data File : VN060236.D
 Acq On : 25 Feb 2020 15:58
 Operator : JC/MD
 Sample : L1670-13
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WATER-COMP

Quant Time: Feb 25 22:51:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 12 14:12:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	0.00	168	0	0.00	ug/l	-7.64
34) 1,4-Difluorobenzene	0.00	114	0	0.00	ug/l	-8.57
63) Chlorobenzene-d5	11.50	117	561286	50.00	ug/l	0.10
72) 1,4-Dichlorobenzene-d4	13.36	152	135322	50.00	ug/l	0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	0.00	65	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount			Recovery	=	0.00%	
50) Toluene-d8	10.29	98	972745	0.00	ug/l	0.22
Spiked Amount			Recovery	=	0.00%	
62) 4-Bromofluorobenzene	12.44	95	193034	0.00	ug/l	0.05
Spiked Amount			Recovery	=	0.00%	

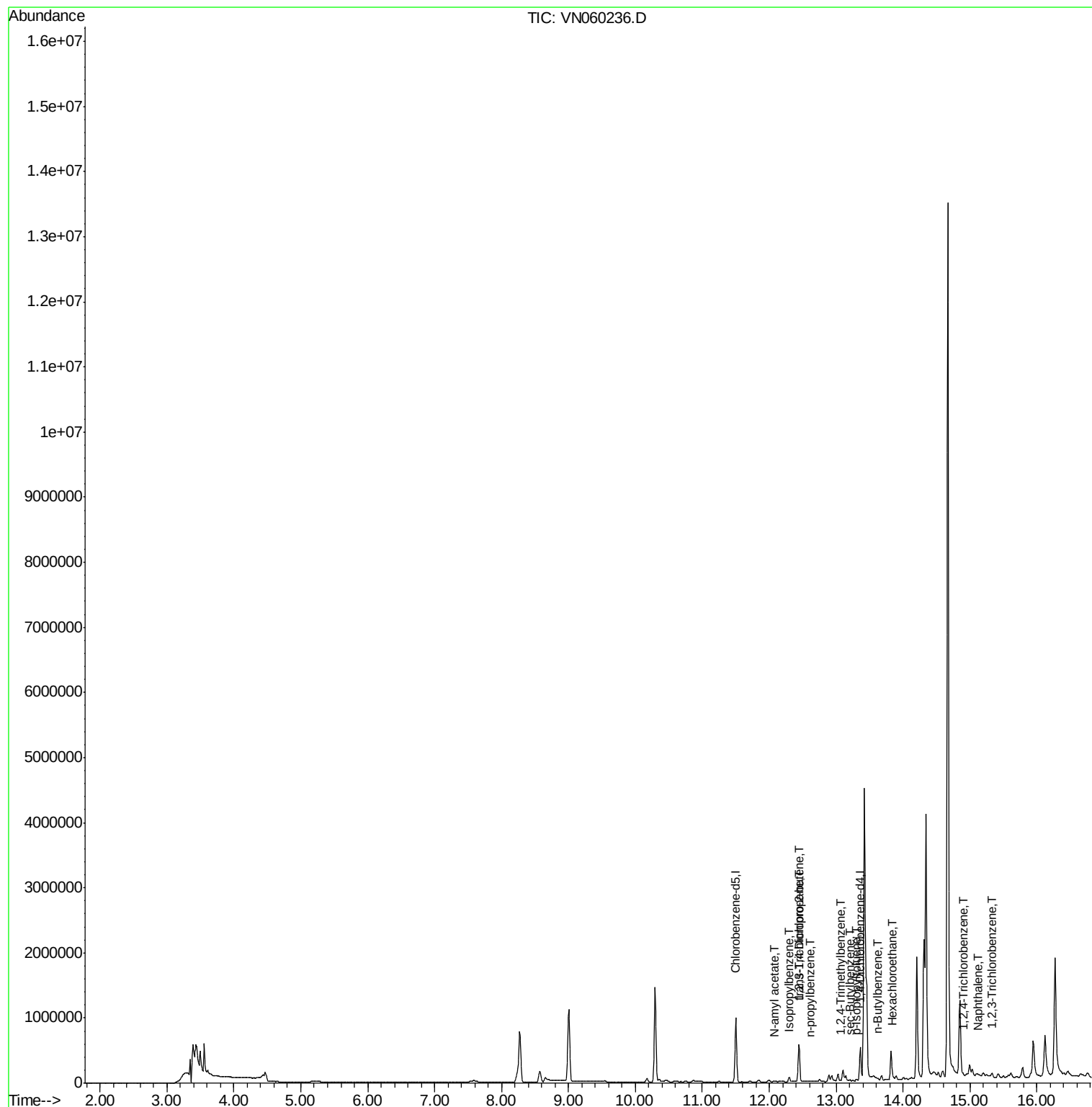
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
73) Isopropylbenzene	12.30	105	34389	3.403	ug/l	99
74) N-amyl acetate	12.07	43	7309	2.006	ug/l #	50
76) 1,2,3-Trichloropropane	12.44	75	98284	37.962	ug/l #	100
78) n-propylbenzene	12.63	91	2355	0.205	ug/l	92
81) trans-1,4-Dichloro-2-buten	12.44	75	98284	92.950	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.06	105	10462	1.261	ug/l	87
85) sec-Butylbenzene	13.19	105	2987	0.303	ug/l	90
86) p-Isopropyltoluene	13.31	119	13093	1.468	ug/l	98
89) n-Butylbenzene	13.62	91	2269	0.289	ug/l #	79
90) Hexachloroethane	13.85	117	578	0.347	ug/l #	8
92) 1,2-Dibromo-3-Chloropropan	14.30	75	163	Below Cal	#	1
93) 1,2,4-Trichlorobenzene	14.91	180	1183	0.463	ug/l #	1
95) Naphthalene	15.13	128	18390	2.667	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.32	180	1650	0.649	ug/l #	8

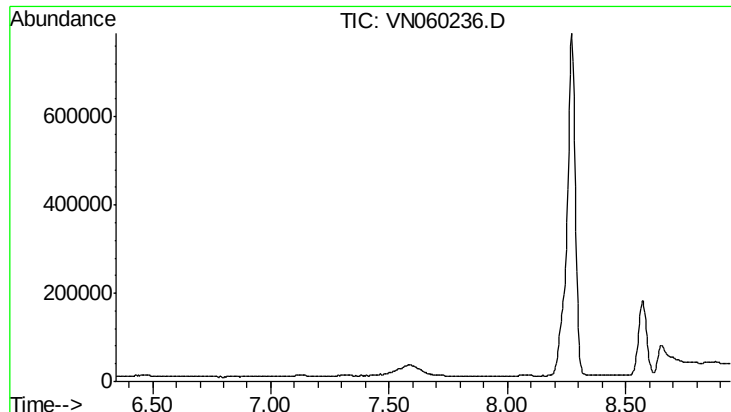
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN022520\
Data File : VN060236.D
Acq On : 25 Feb 2020 15:58
Operator : JC/MD
Sample : L1670-13
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Quant Time: Feb 25 22:51:40 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N021220W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 12 14:12:21 2020
Response via : Initial Calibration



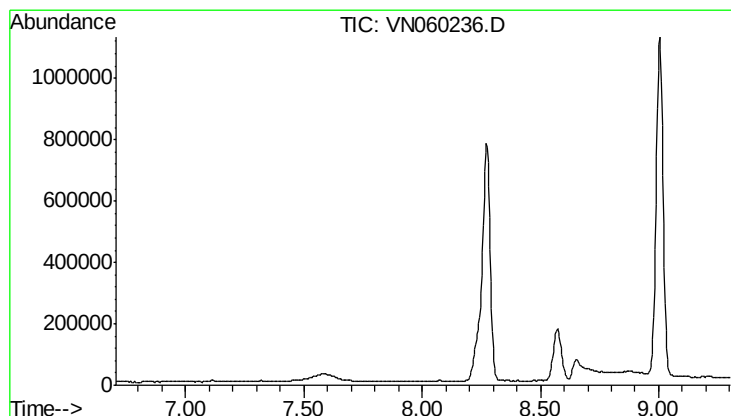
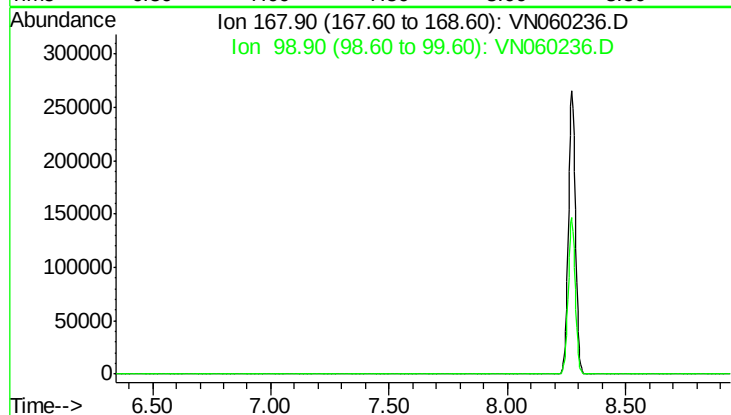


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.64 min

Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

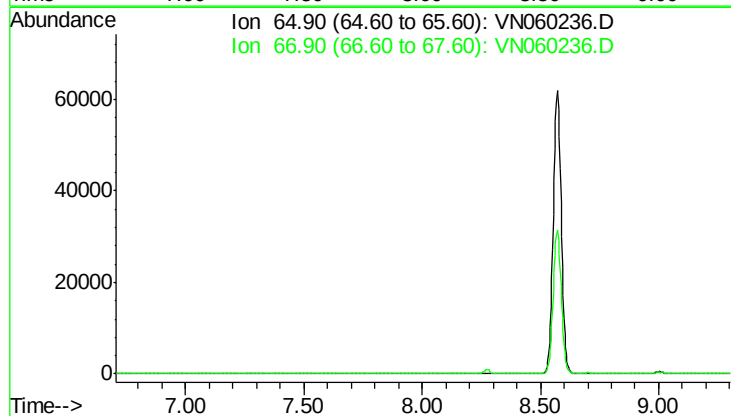
Tot Ion	168
Sig	Exp Ratio
168	100
99	53.4

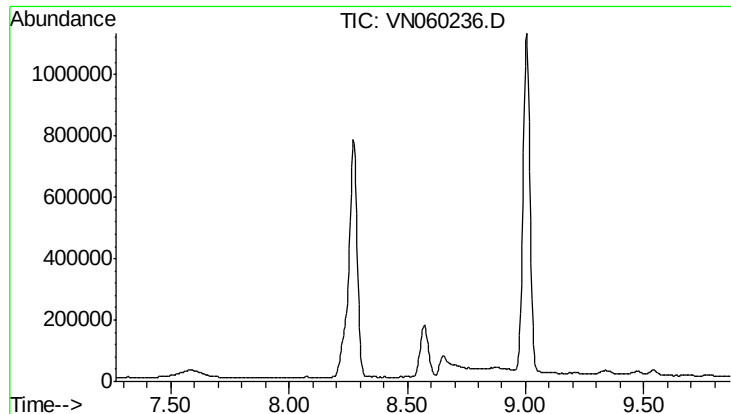


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.00 min

Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Tgt Ion	65
Sig	Exp Ratio
65	100
67	52.0





#34

1,4-Difluorobenzene

Concen: 0.000 ug/l

Expected RT: 8.57 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

WATER-COMP

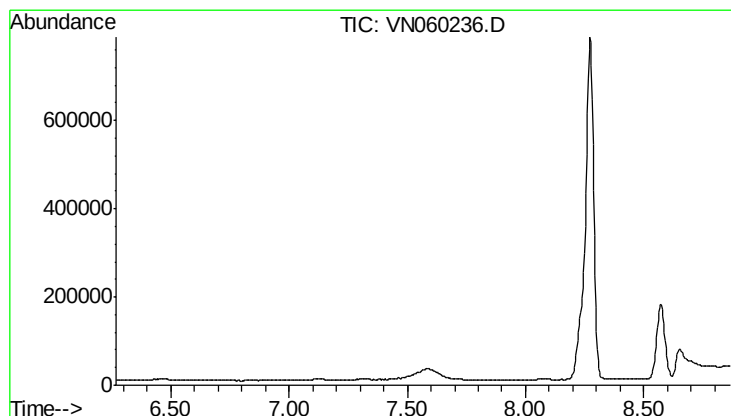
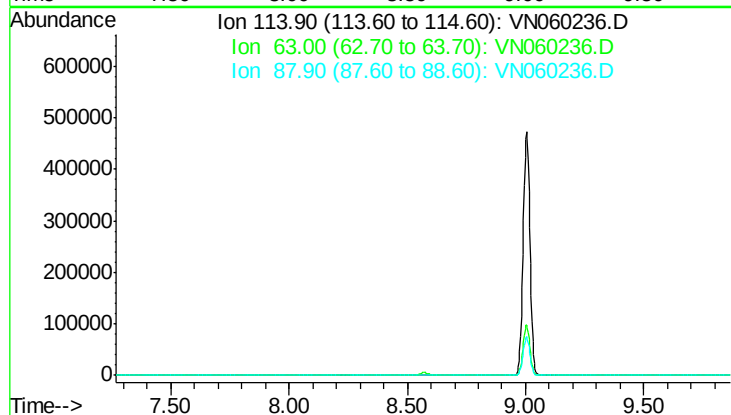
Tot Ion: 114

Sig Exp Ratio

114 100

63 20.0

88 15.8



#35

Dibromofluoromethane

Concen: 0.000 ug/l

Expected RT: 7.57 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

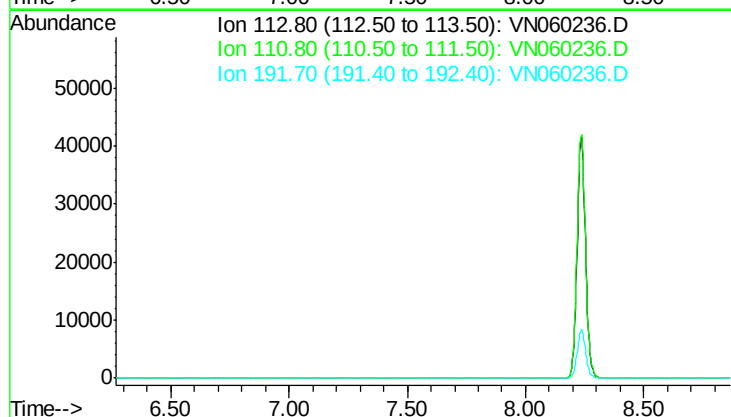
Tgt Ion: 113

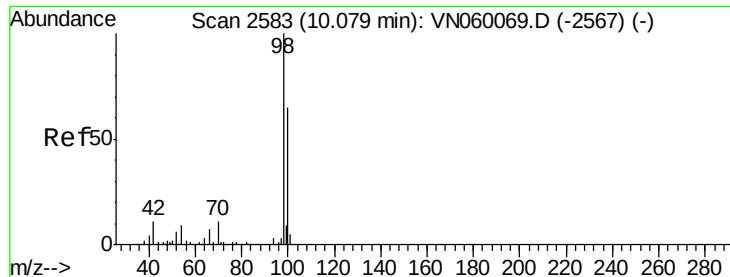
Sig Exp Ratio

113 100

111 101.8

192 20.2

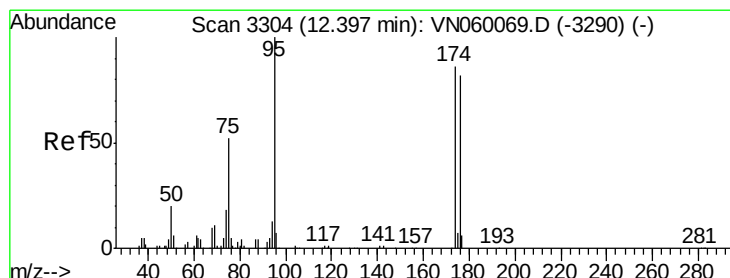
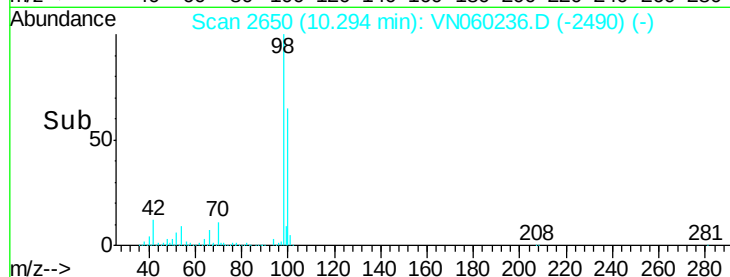
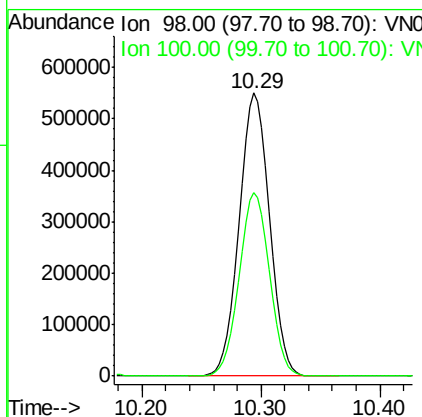
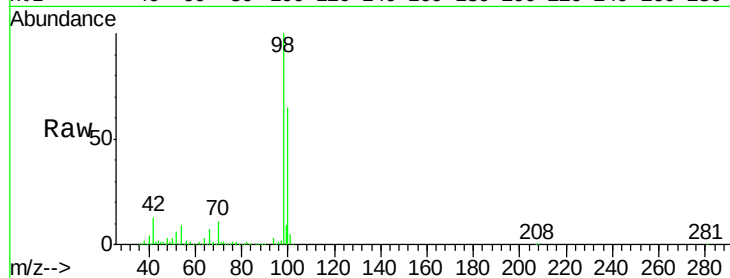




#50
Toluene-d8
Concen: 0.000 ug/l
RT: 10.29 min Scan# 2650
Delta R.T. 0.22 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

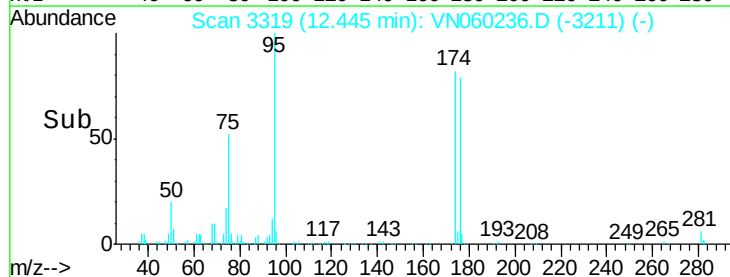
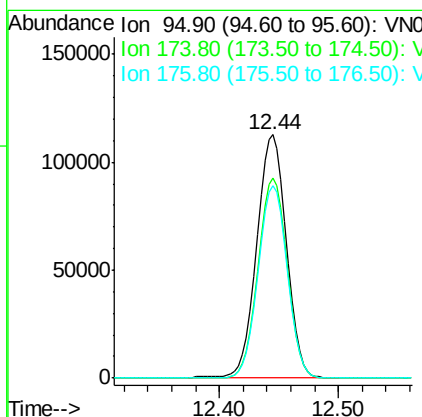
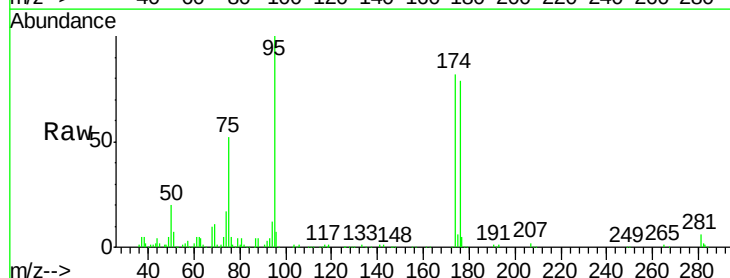
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

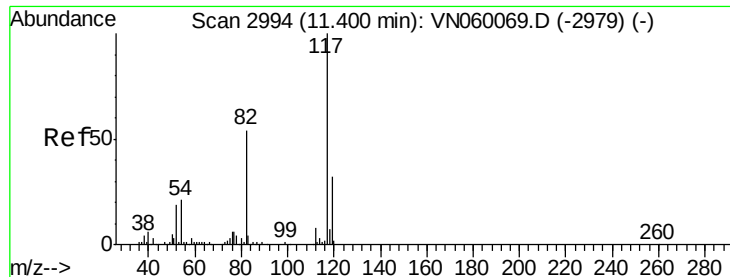
Tot Ion: 98 Resp: 972745
Ion Ratio Lower Upper
98 100
100 64.7 51.7 77.5



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.44 min Scan# 3319
Delta R.T. 0.05 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Tgt Ion: 95 Resp: 193034
Ion Ratio Lower Upper
95 100
174 81.4 0.0 169.8
176 78.4 0.0 164.8

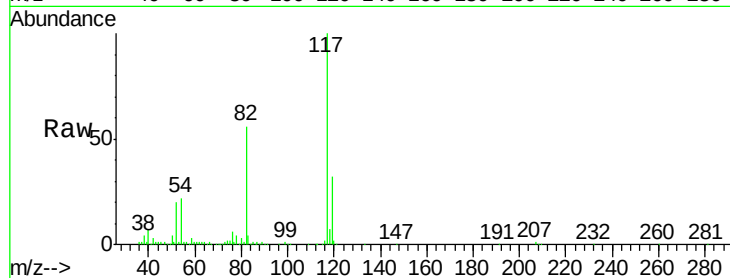




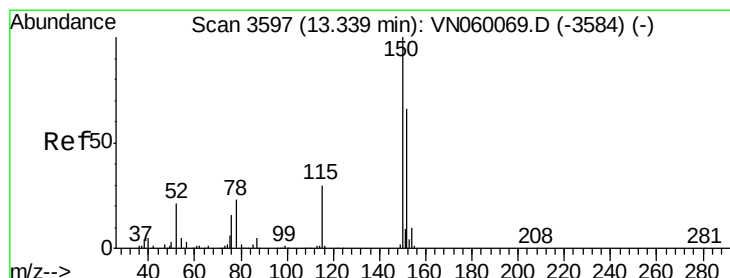
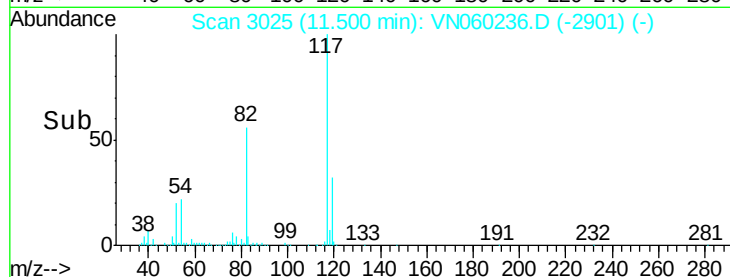
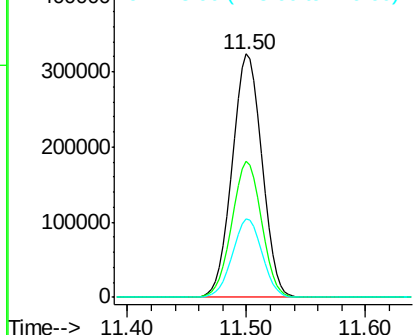
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.50 min Scan# 3025
Delta R.T. 0.10 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

Tot Ion:117 Resp: 561286
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 32.3 25.8 38.6

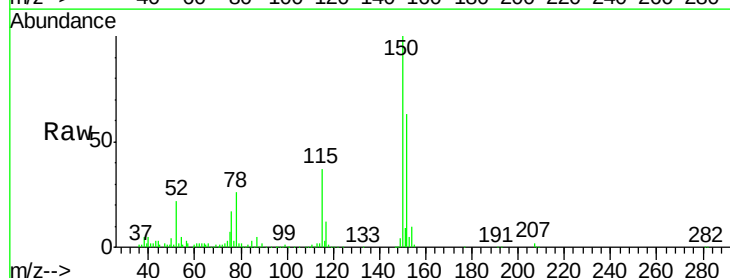


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

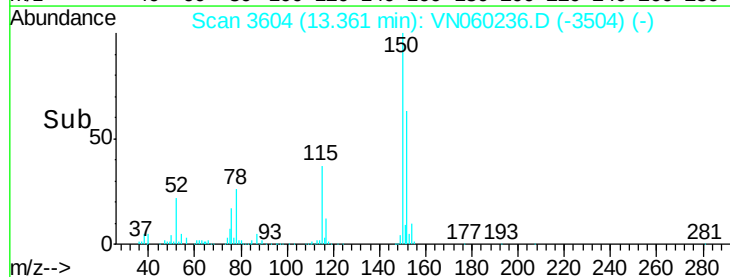
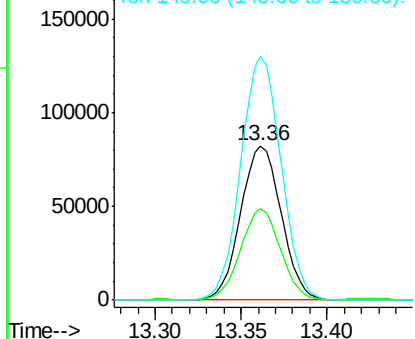


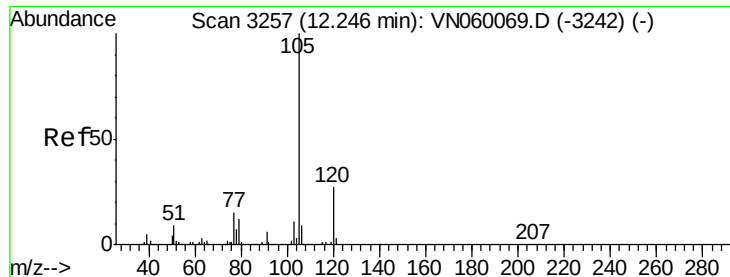
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.36 min Scan# 3604
Delta R.T. 0.02 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Tgt Ion:152 Resp: 135322
Ion Ratio Lower Upper
152 100
115 57.2 28.9 86.8
150 157.2 0.0 342.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 3.403 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.05 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

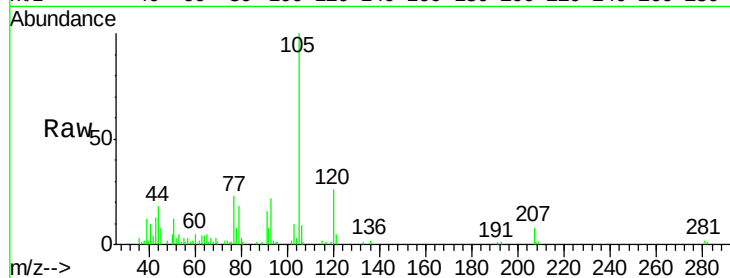
WATER-COMP

Tot Ion:105 Resp: 34389

Ion Ratio Lower Upper

105 100

120 25.9 13.3 39.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

12.30

20000

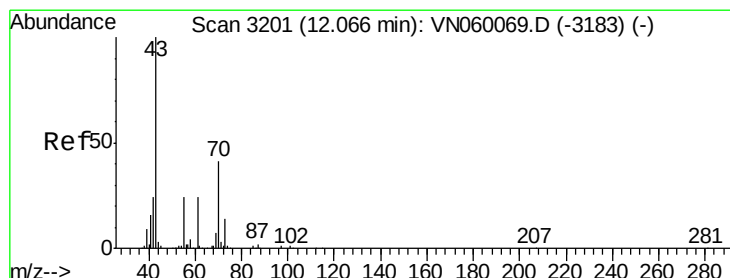
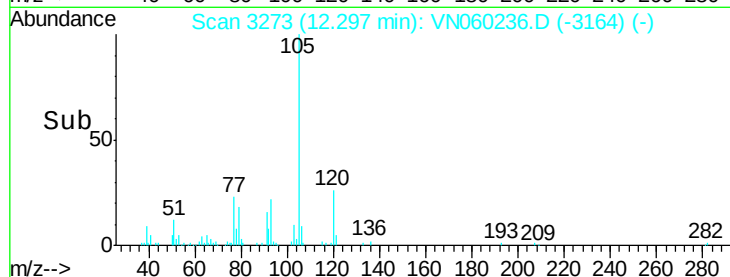
15000

10000

5000

0

Time-->



#74

N-ethyl acetate

Concen: 2.006 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Tgt Ion: 43 Resp: 7309

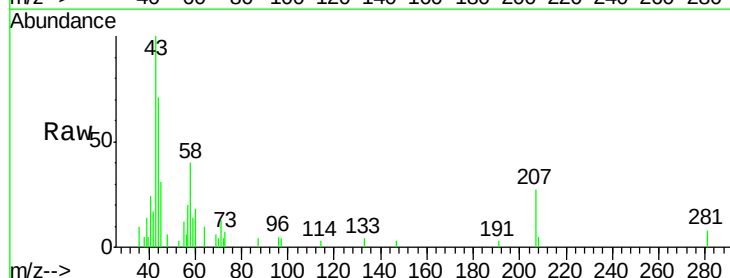
Ion Ratio Lower Upper

43 100

70 4.7 33.4 50.0#

55 6.0 18.8 28.2#

61 0.0 19.2 28.8#



Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V

8000

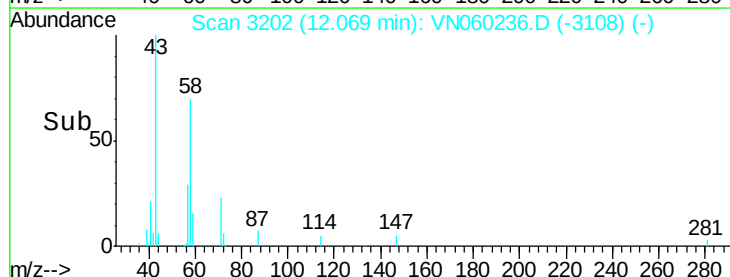
6000

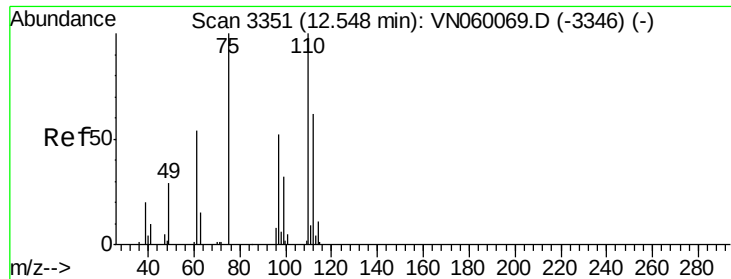
4000

2000

0

Time-->





#76

1,2,3-Trichloropropane

Concen: 37.962 ug/l

RT: 12.44 min Scan# 3319

Delta R.T. -0.10 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

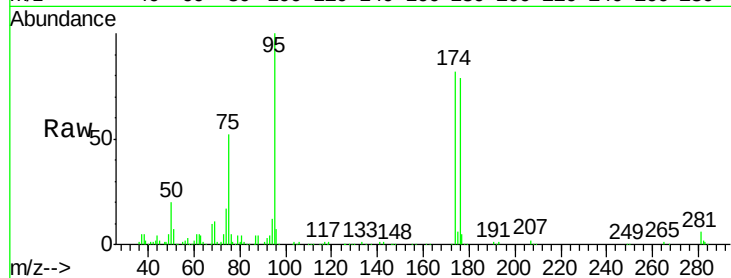
WATER-COMP

Tot Ion: 75 Resp: 98284

Ion Ratio Lower Upper

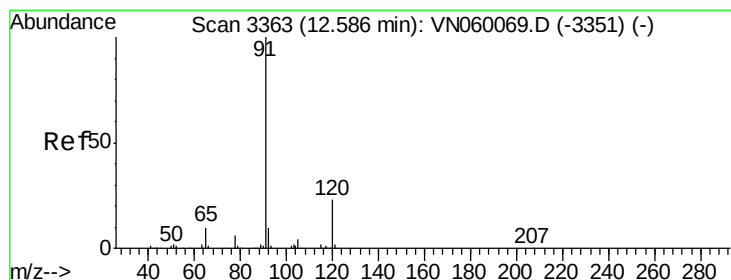
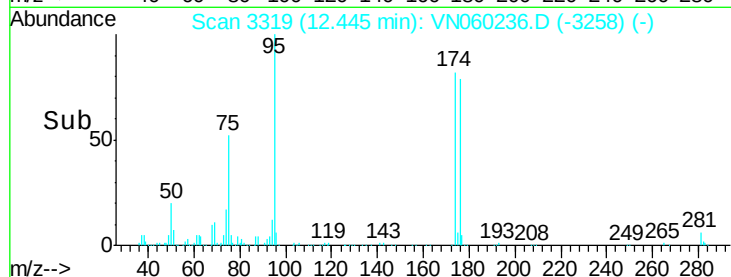
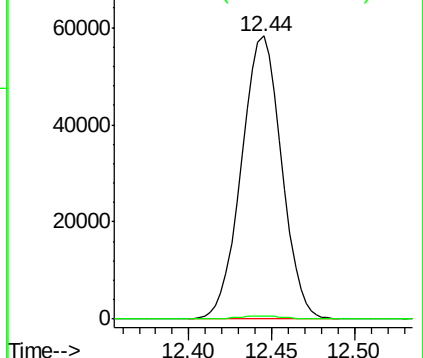
75 100

77 1.3 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0



#78

n-propylbenzene

Concen: 0.205 ug/l

RT: 12.63 min Scan# 3375

Delta R.T. 0.04 min

Lab File: VN060236.D

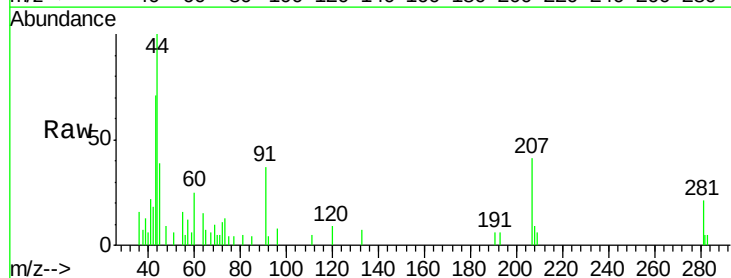
Acq: 25 Feb 2020 15:58

Tgt Ion: 91 Resp: 2355

Ion Ratio Lower Upper

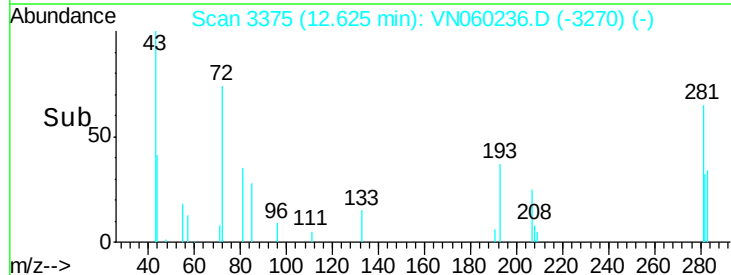
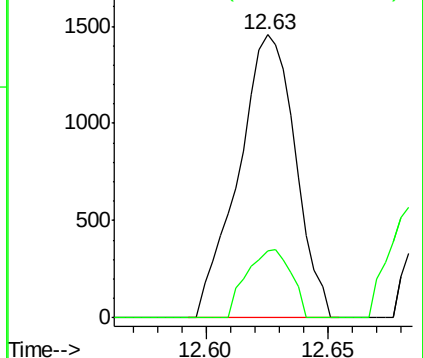
91 100

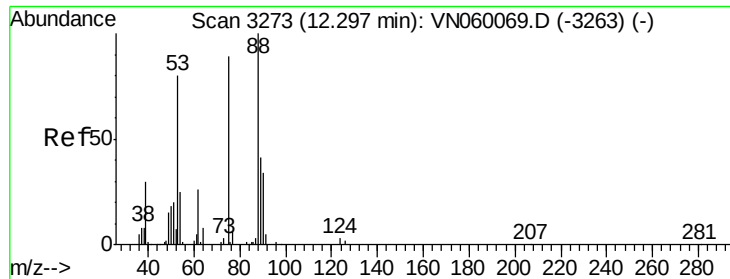
120 18.9 11.5 34.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V

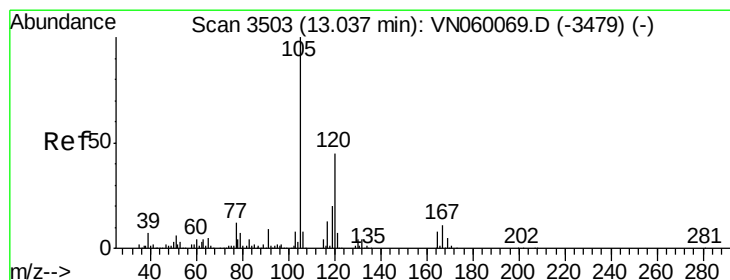
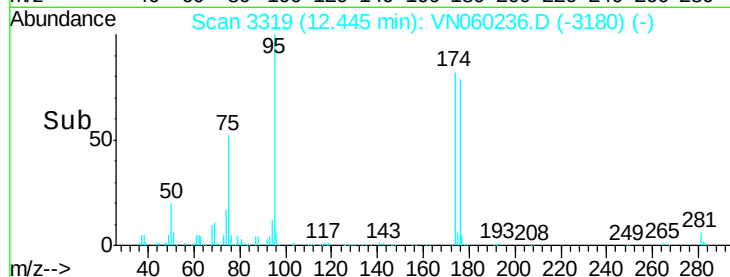
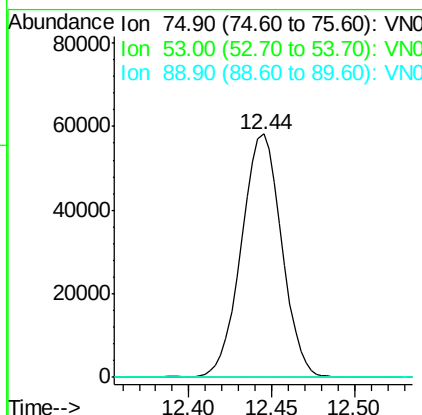
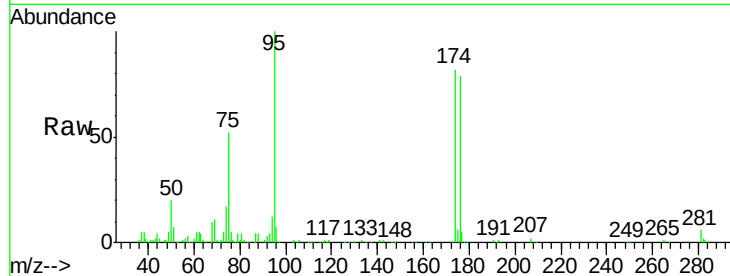




#81
trans-1,4-Dichloro-2-butene
Concen: 92.950 ug/l
RT: 12.44 min Scan# 3319
Delta R.T. 0.15 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

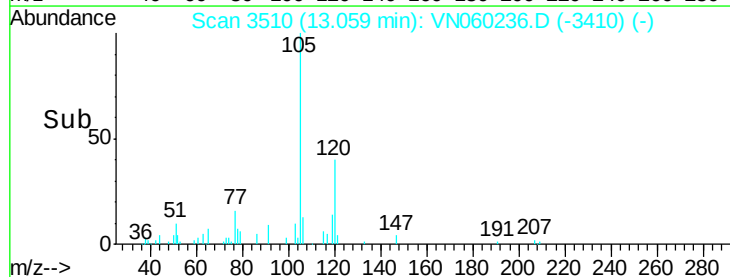
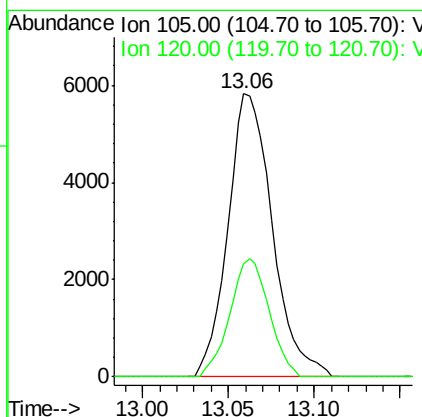
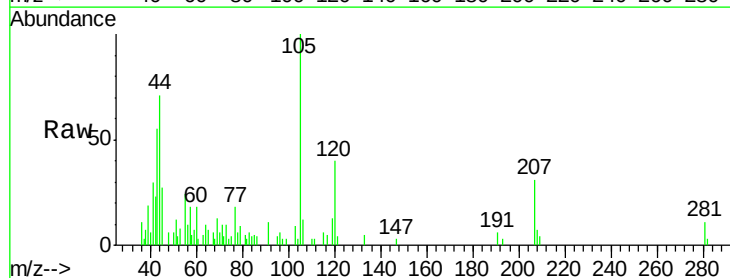
Instrument :
MSVOA_N
ClientSampleId :
WATER-COMP

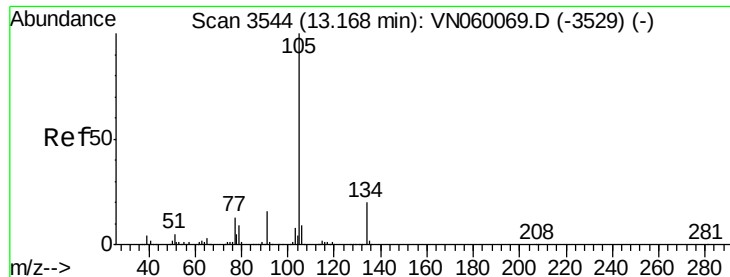
Tot Ion: 75 Resp: 98284
Ion Ratio Lower Upper
75 100
53 0.3 73.9 110.9#
89 0.0 37.0 55.4#



#84
1,2,4-Trimethylbenzene
Concen: 1.261 ug/l
RT: 13.06 min Scan# 3510
Delta R.T. 0.02 min
Lab File: VN060236.D
Acq: 25 Feb 2020 15:58

Tgt Ion: 105 Resp: 10462
Ion Ratio Lower Upper
105 100
120 36.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 0.303 ug/l

RT: 13.19 min Scan# 3551

Delta R.T. 0.02 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampleId :

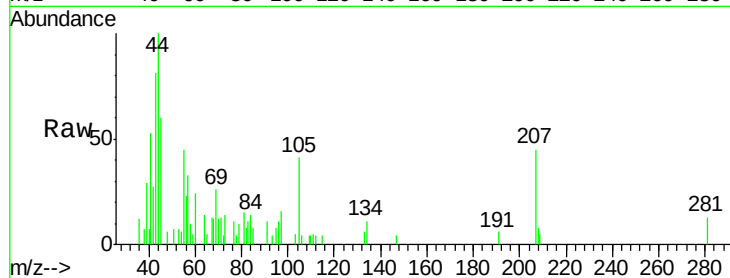
WATER-COMP

Tot Ion:105 Resp: 2987

Ion Ratio Lower Upper

105 100

134 24.4 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.19

2000

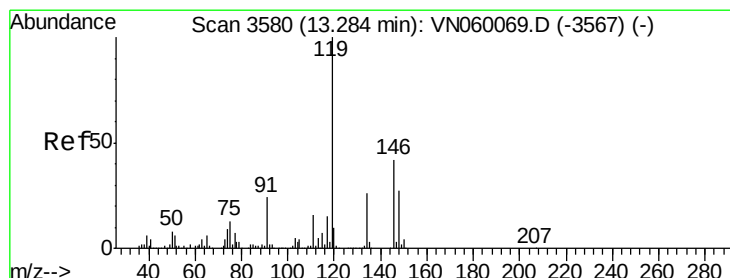
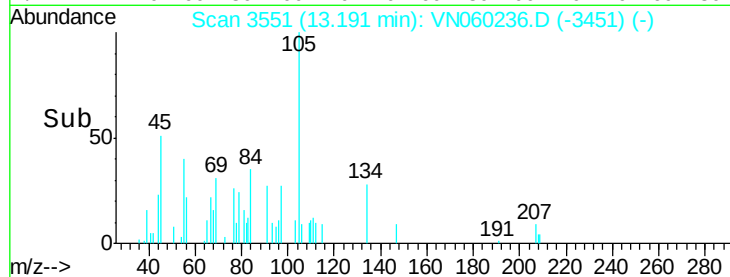
1500

1000

500

0

Time-->



#86

p-Isopropyltoluene

Concen: 1.468 ug/l

RT: 13.31 min Scan# 3587

Delta R.T. 0.02 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

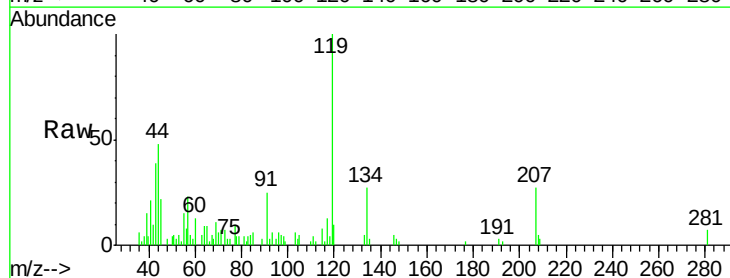
Tgt Ion:119 Resp: 13093

Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 25.4 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.31

10000

8000

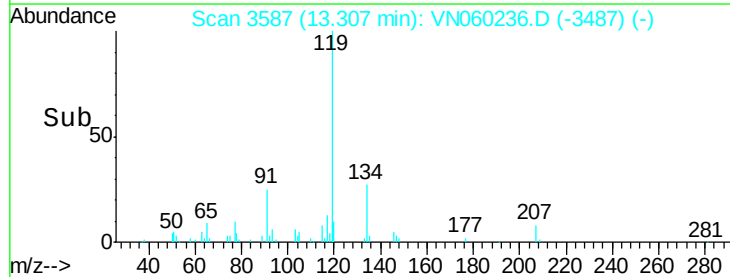
6000

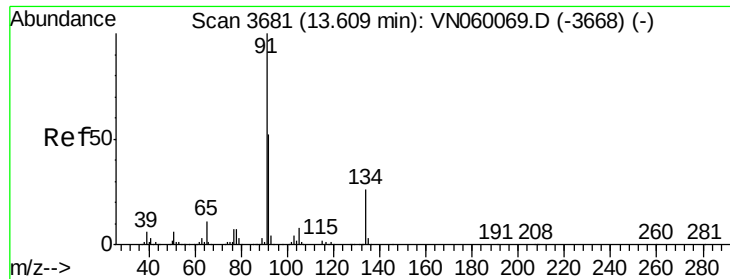
4000

2000

0

Time-->





#89

n-Butylbenzene

Concen: 0.289 ug/l

RT: 13.62 min Scan# 3686

Delta R.T. 0.02 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

WATER-COMP

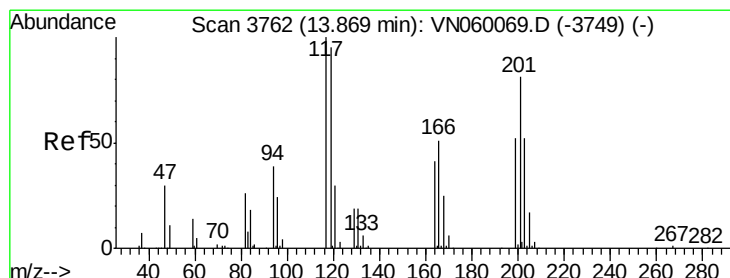
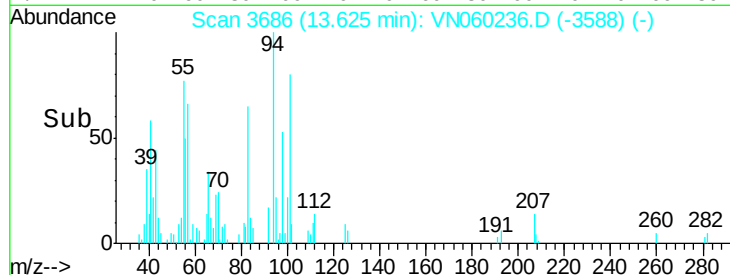
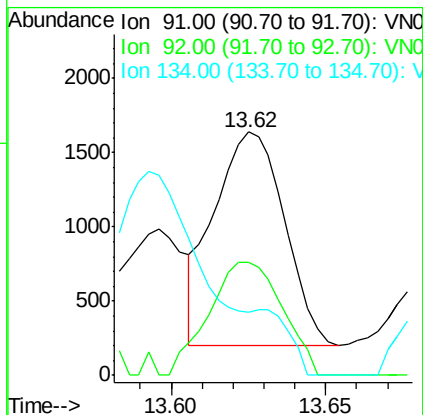
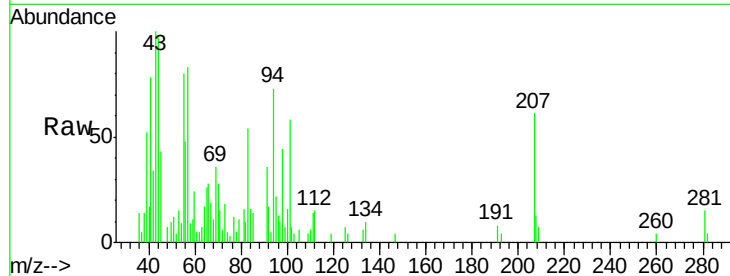
Tot Ion: 91 Resp: 2269

Ion Ratio Lower Upper

91 100

92 55.8 26.1 78.2

134 0.0 13.1 39.3#



#90

Hexachloroethane

Concen: 0.347 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.02 min

Lab File: VN060236.D

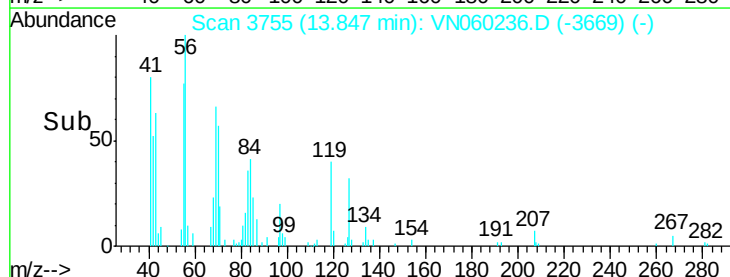
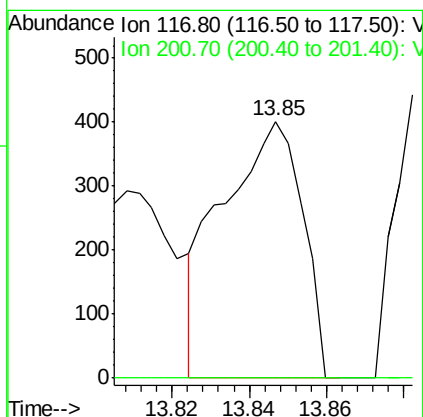
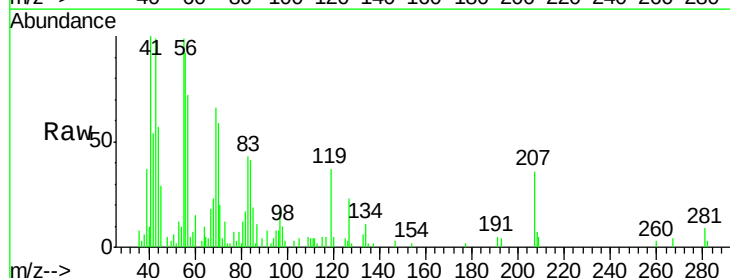
Acq: 25 Feb 2020 15:58

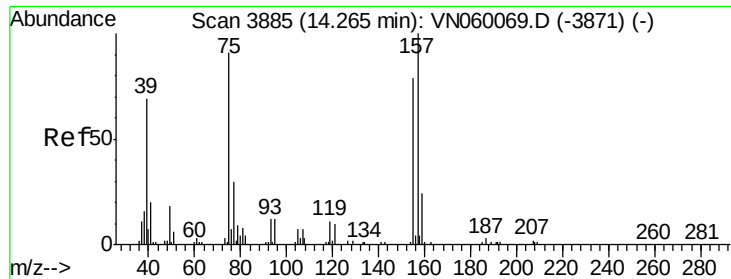
Tgt Ion: 117 Resp: 578

Ion Ratio Lower Upper

117 100

201 0.0 41.7 125.1#

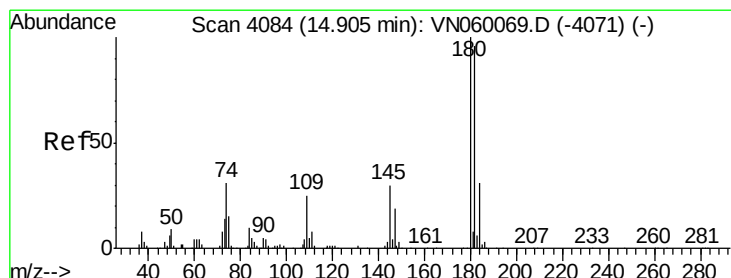
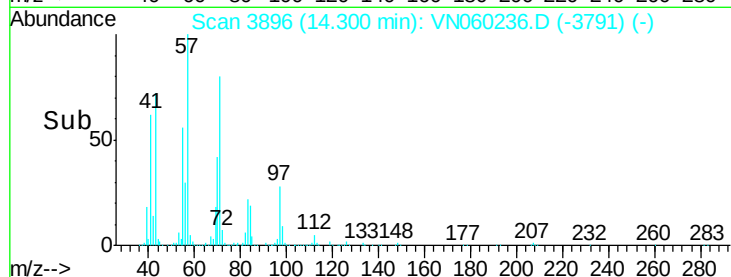
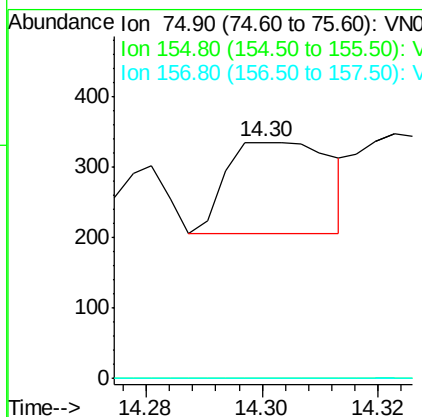
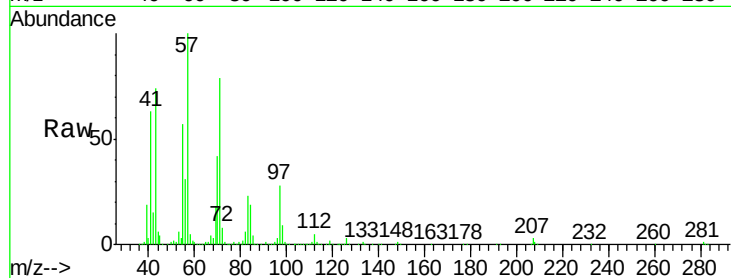




#92
 1,2-Dibromo-3-Chloropropane
 Concen: Below Cal
 RT: 14.30 min Scan# 3896
 Delta R.T. 0.04 min
 Lab File: VN060236.D
 Acq: 25 Feb 2020 15:58

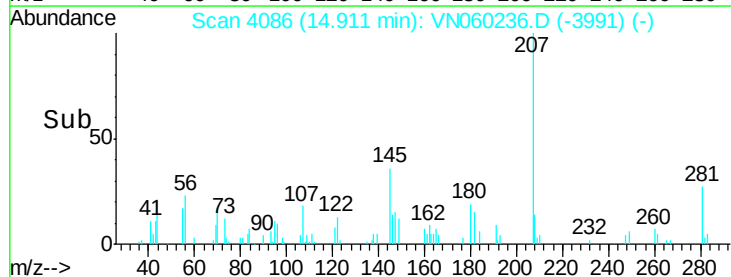
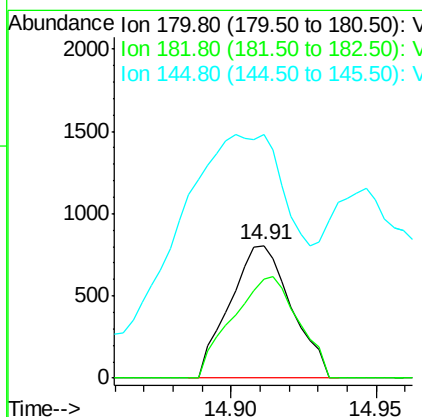
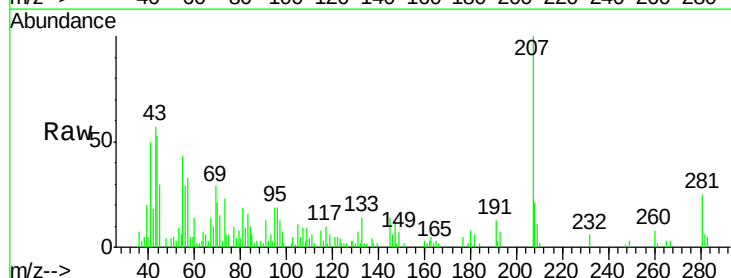
Instrument :
 MSVOA_N
 ClientSampled :
 WATER-COMP

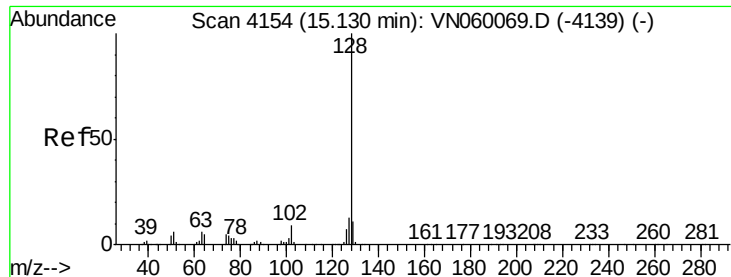
Tot Ion: 75 Resp: 163
 Ion Ratio Lower Upper
 75 100
 155 0.0 43.0 129.0#
 157 0.0 54.9 164.5#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.463 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. 0.01 min
 Lab File: VN060236.D
 Acq: 25 Feb 2020 15:58

Tgt Ion: 180 Resp: 1183
 Ion Ratio Lower Upper
 180 100
 182 82.4 47.9 143.8
 145 258.9 15.2 45.5#





#95

Naphthalene

Concen: 2.667 ug/l

RT: 15.13 min Scan# 4155

Delta R.T. 0.00 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

Instrument :

MSVOA_N

ClientSampled :

WATER-COMP

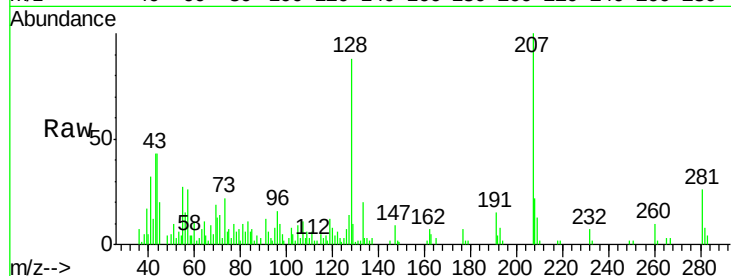
Tot Ion:128 Resp: 18390

Ion Ratio Lower Upper

128 100

127 16.0 10.3 15.5#

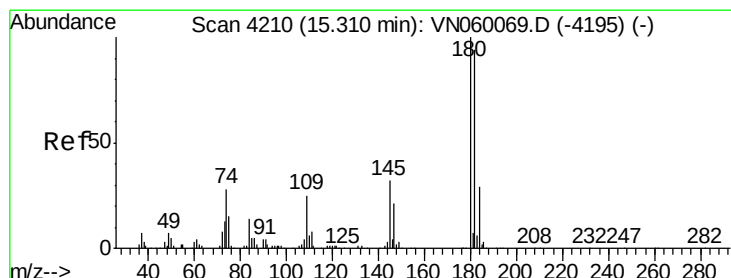
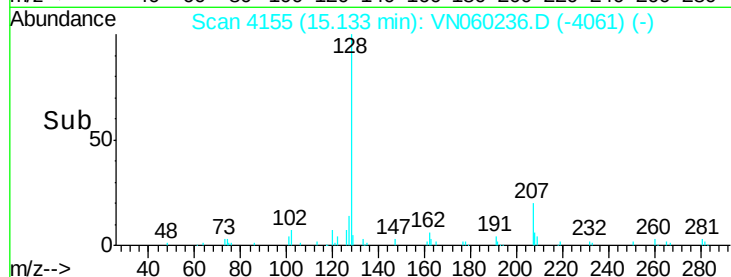
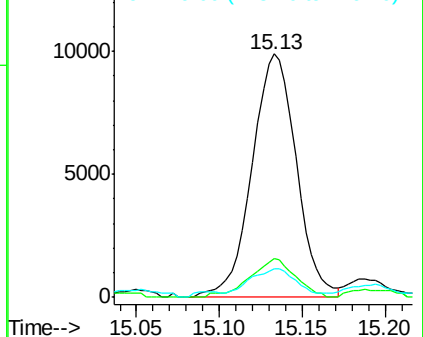
129 9.4 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 0.649 ug/l

RT: 15.32 min Scan# 4212

Delta R.T. 0.01 min

Lab File: VN060236.D

Acq: 25 Feb 2020 15:58

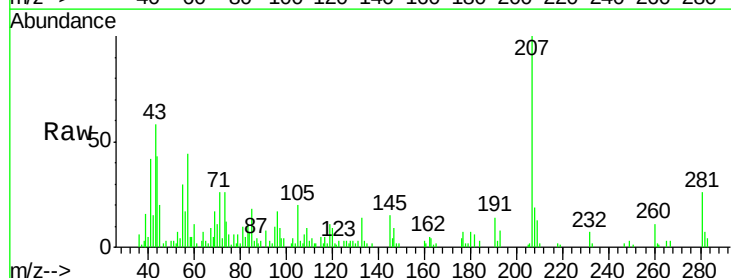
Tgt Ion:180 Resp: 1650

Ion Ratio Lower Upper

180 100

182 78.1 47.5 142.5

145 207.3 16.1 48.3#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

