

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064654.D
 Acq On : 16 Nov 2020 11:38
 Operator : JC/MD
 Sample : L4682-02 20X
 Misc : 5.63g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R(17-20FT)

Quant Time: Nov 17 04:24:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N110420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 12:09:03 2020
 Response via : Initial Calibration

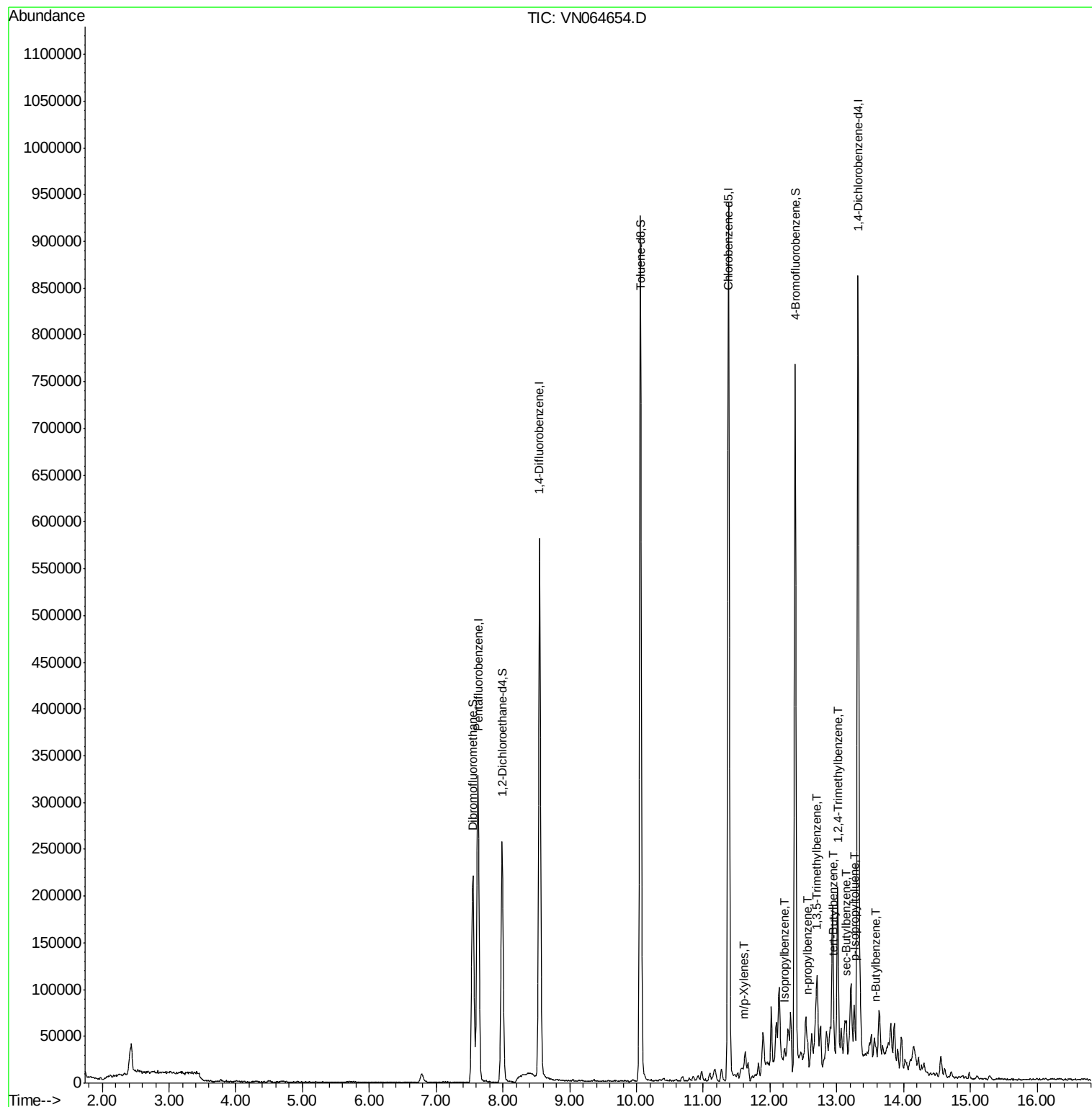
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	233948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	471295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	501199	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	208587	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	233178	57.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	114.44%	
35) Dibromofluoromethane	7.55	113	171020	53.30	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.60%	
50) Toluene-d8	10.06	98	614673	49.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	12.38	95	254660	54.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.58%	
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.60	106	2616	0.369	ug/l #	71
73) Isopropylbenzene	12.22	105	9152	0.552	ug/l	99
78) n-propylbenzene	12.57	91	22727	1.202	ug/l	98
80) 1,3,5-Trimethylbenzene	12.70	105	13232	0.967	ug/l	93
83) tert-Butylbenzene	12.96	119	2775	0.260	ug/l	91
84) 1,2,4-Trimethylbenzene	13.01	105	92438	6.723	ug/l	99
85) sec-Butylbenzene	13.14	105	15721	1.162	ug/l #	73
86) p-Isopropyltoluene	13.26	119	8269	0.680	ug/l	98
89) n-Butylbenzene	13.59	91	10842	1.036	ug/l #	79

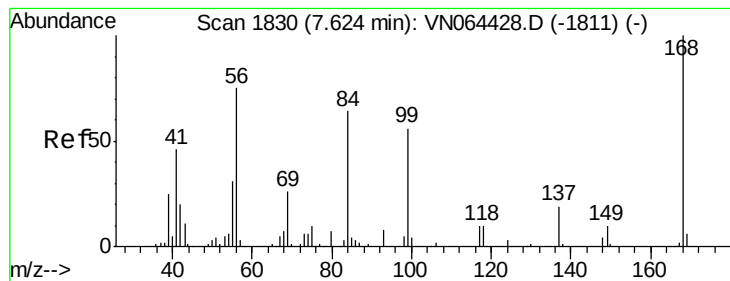
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Nov 04 12:09:03 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

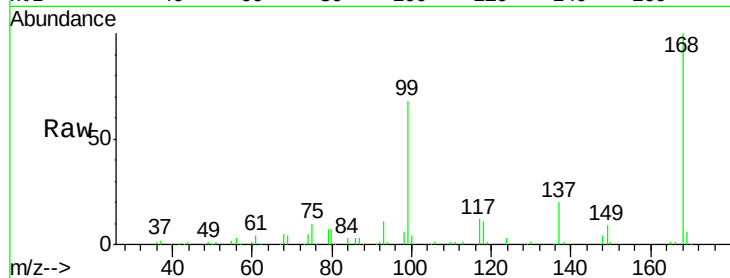
MW-3R(17-20FT)

Tot Ion:168 Resp: 233948

Ion Ratio Lower Upper

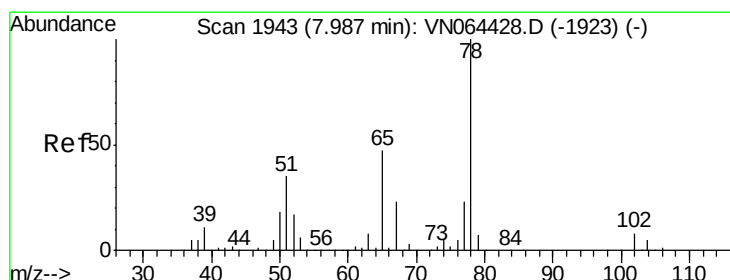
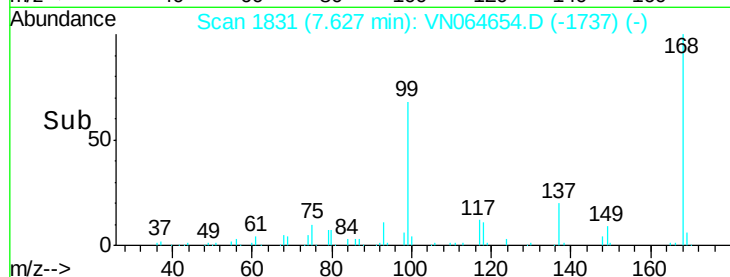
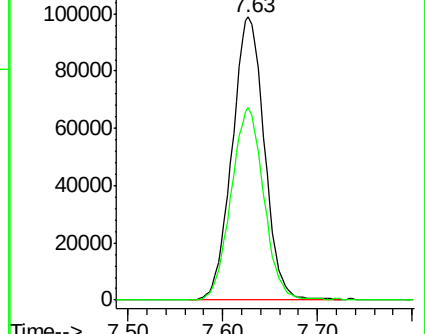
168 100

99 67.9 53.4 80.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#33

1,2-Dichloroethane-d4

Concen: 57.221 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064654.D

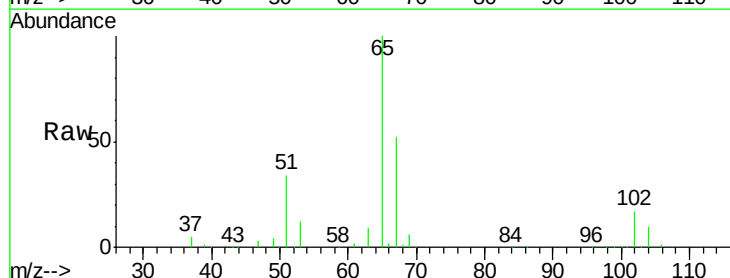
Acq: 16 Nov 2020 11:38

Tgt Ion: 65 Resp: 233178

Ion Ratio Lower Upper

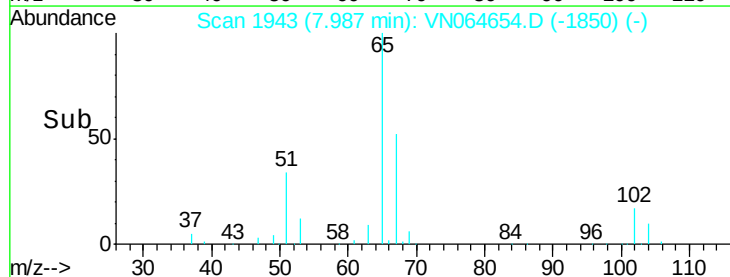
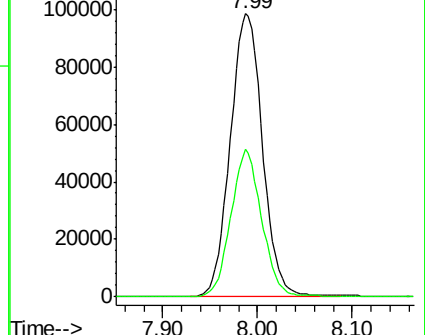
65 100

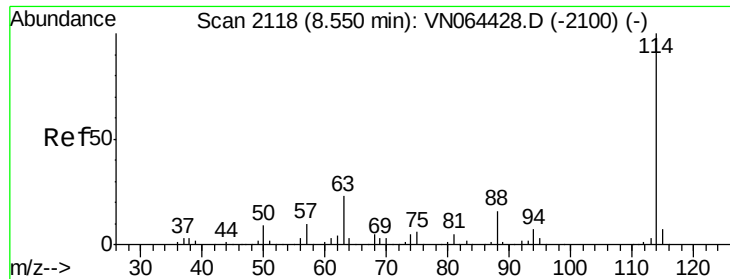
67 50.0 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VNO

Ion 66.90 (66.60 to 67.60): VNO

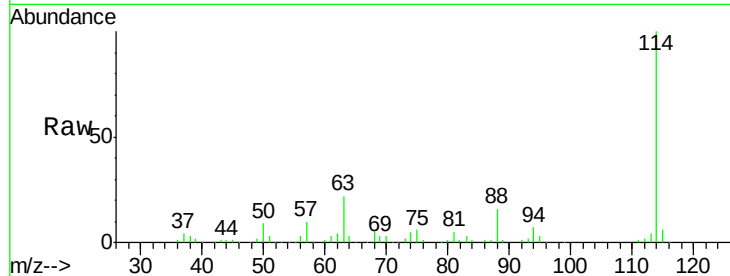




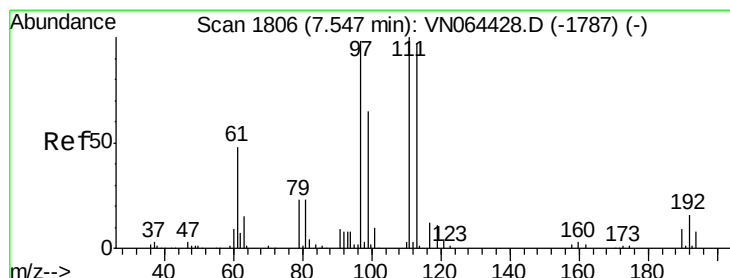
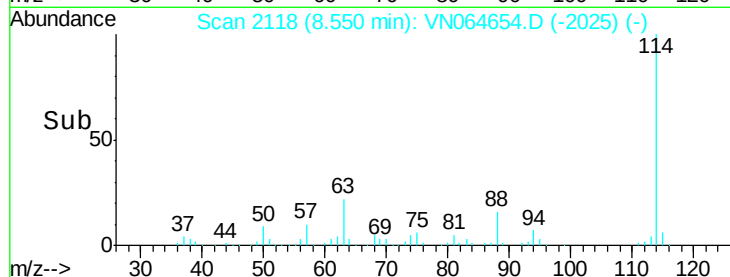
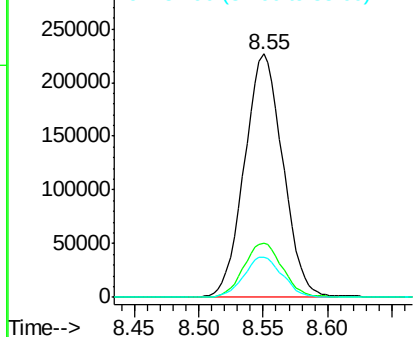
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.55 min Scan# 2118
Delta R.T. -0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

Tot Ion:	114	Resp:	471295
Ion	Ratio	Lower	Upper
114	100		
63	22.3	0.0	45.6
88	16.5	0.0	32.8

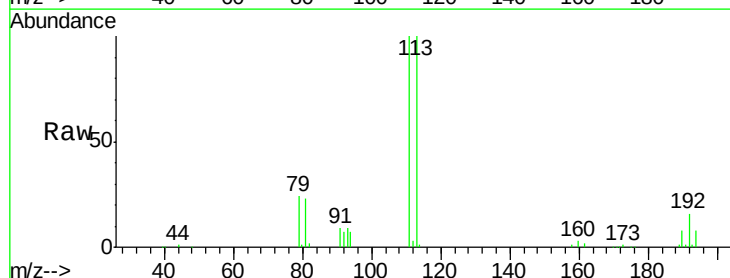


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VN
Ion 87.90 (87.60 to 88.60): VN

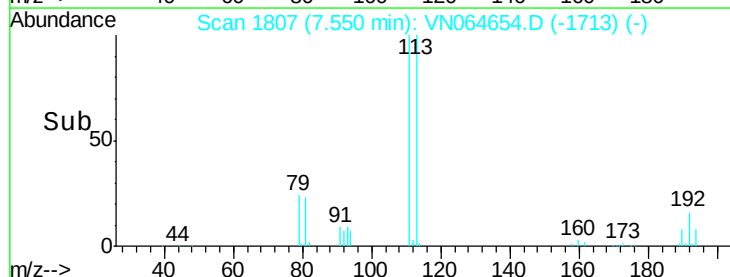
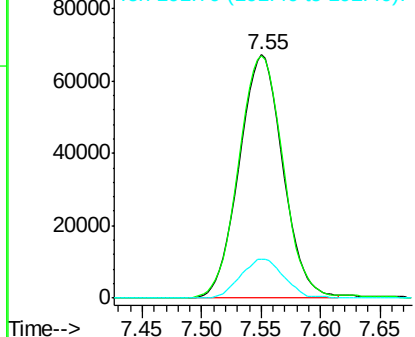


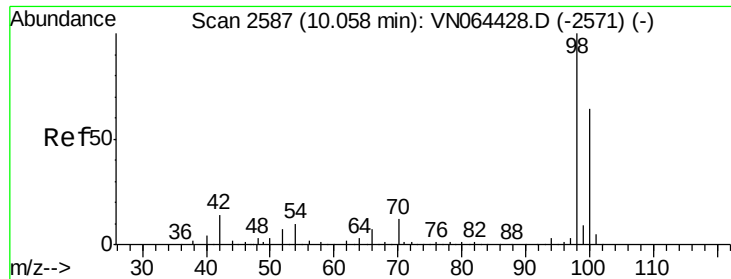
#35
Dibromofluoromethane
Concen: 53.296 ug/l
RT: 7.55 min Scan# 1807
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion:	113	Resp:	171020
Ion	Ratio	Lower	Upper
113	100		
111	101.4	81.1	121.7
192	15.8	12.8	19.2



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

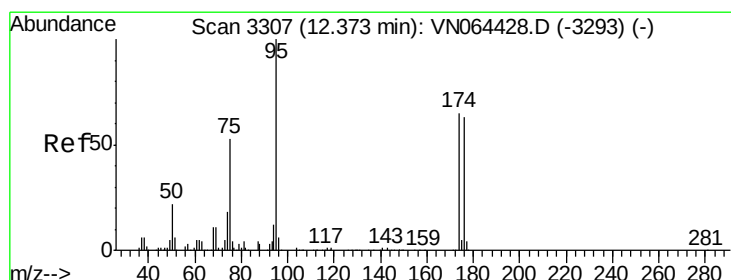
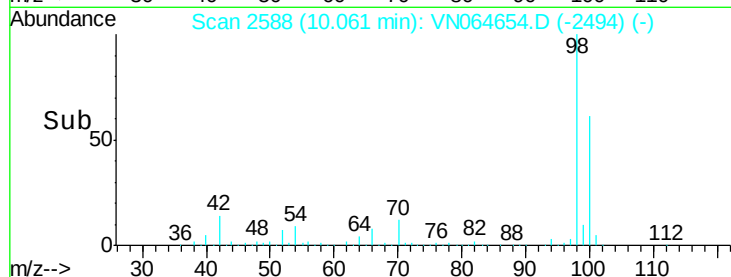
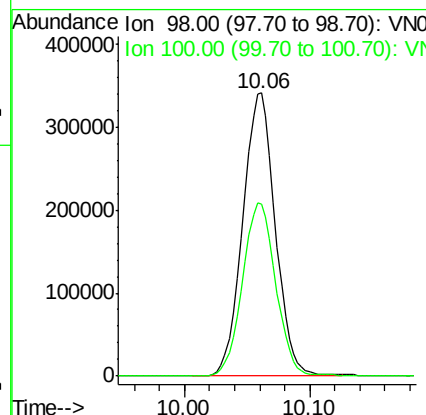
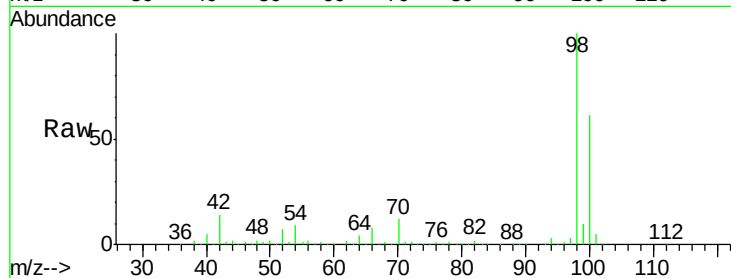




#50
Toluene-d8
Concen: 49.561 ug/l
RT: 10.06 min Scan# 2588
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

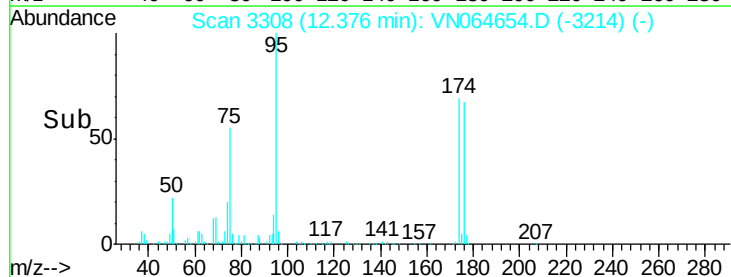
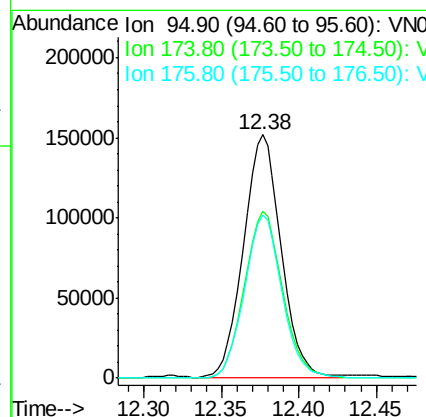
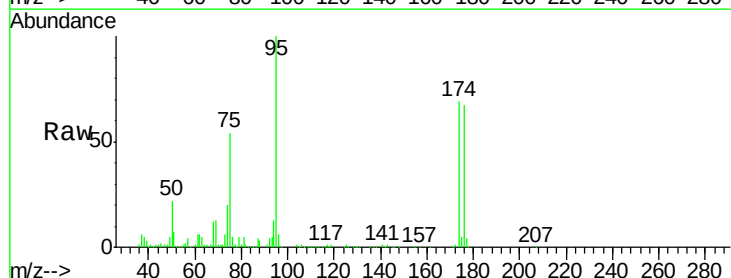
Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

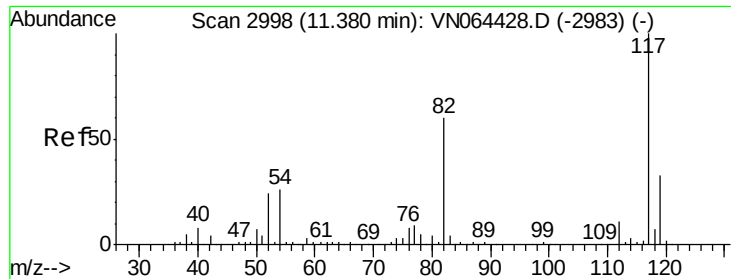
Tot Ion: 98 Resp: 614673
Ion Ratio Lower Upper
98 100
100 62.7 50.7 76.1



#62
4-Bromofluorobenzene
Concen: 54.294 ug/l
RT: 12.38 min Scan# 3308
Delta R.T. 0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion: 95 Resp: 254660
Ion Ratio Lower Upper
95 100
174 70.0 0.0 132.6
176 67.9 0.0 129.2

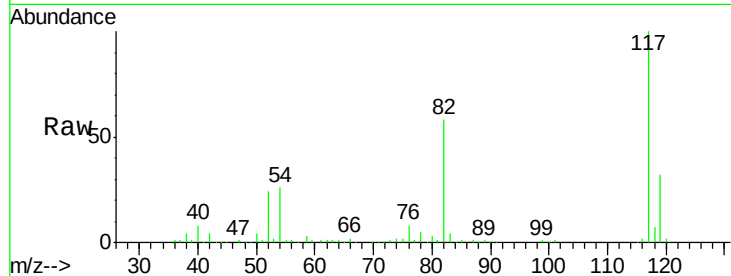




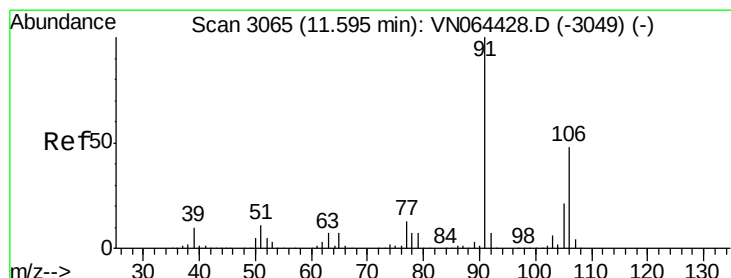
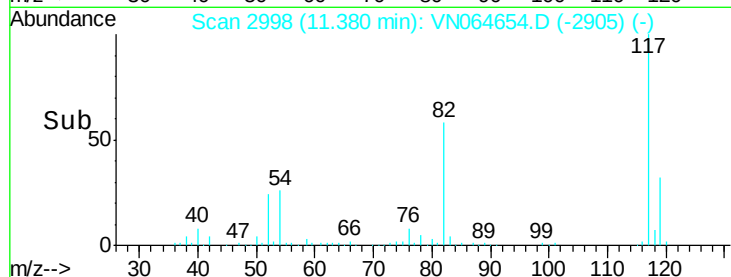
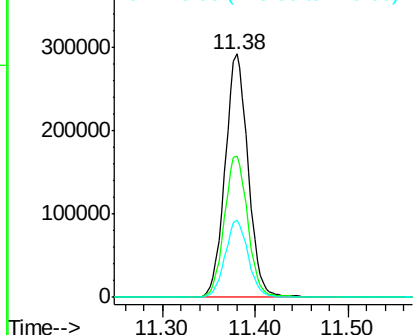
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. -0.00 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Instrument :
MSVOA_N
ClientSampleId :
MW-3R(17-20FT)

Tot Ion:117 Resp: 501199
Ion Ratio Lower Upper
117 100
82 57.9 48.1 72.1
119 31.5 26.2 39.4

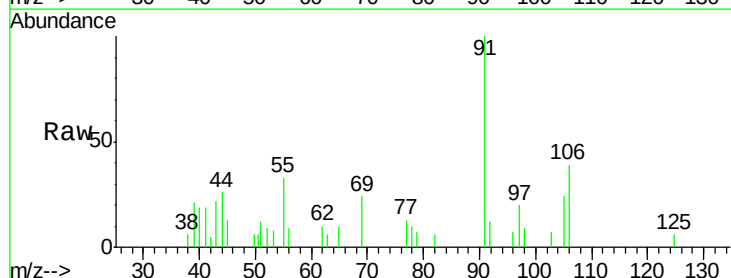


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VN
Ion 118.90 (118.60 to 119.60): V

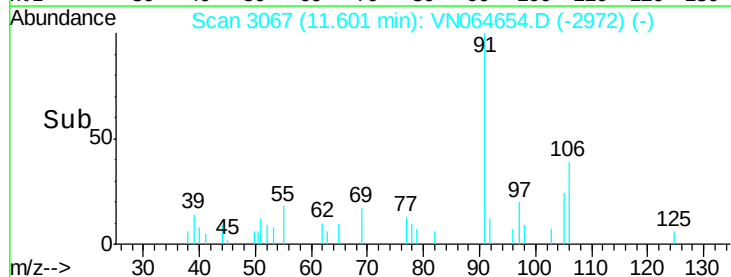
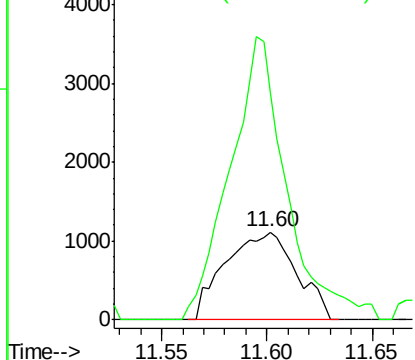


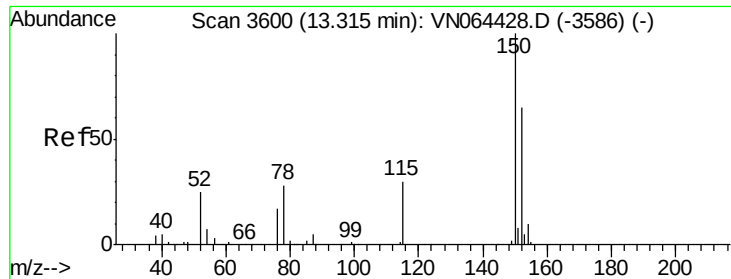
#68
m/p-Xylenes
Concen: 0.369 ug/l
RT: 11.60 min Scan# 3067
Delta R.T. 0.01 min
Lab File: VN064654.D
Acq: 16 Nov 2020 11:38

Tgt Ion:106 Resp: 2616
Ion Ratio Lower Upper
106 100
91 257.1 169.4 254.2#



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VN





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

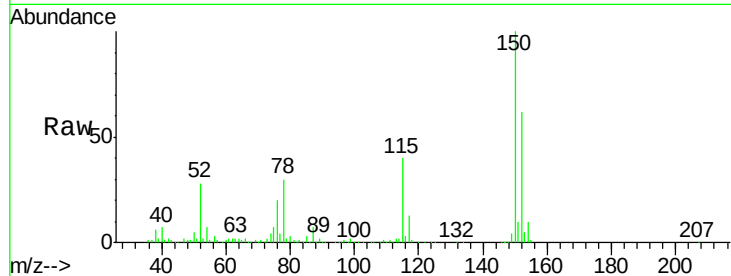
Tot Ion:152 Resp: 208587

Ion Ratio Lower Upper

152 100

115 64.4 32.0 96.0

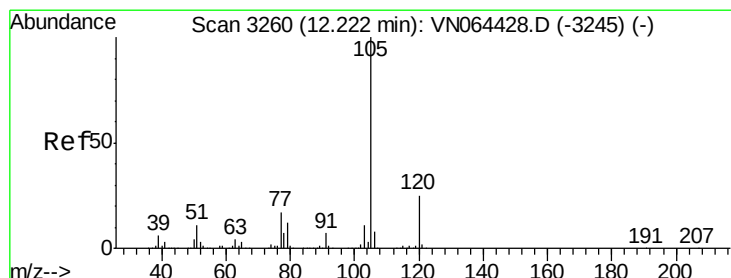
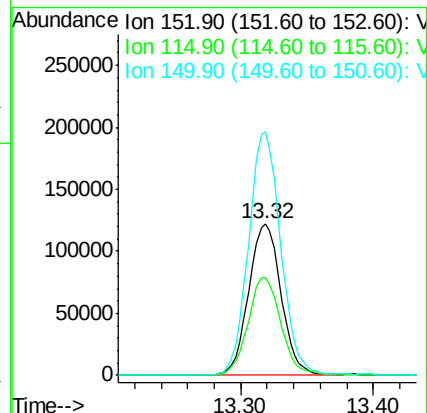
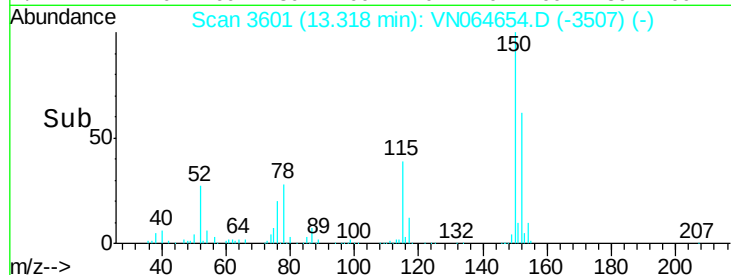
150 159.0 0.0 353.8



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: 0.552 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064654.D

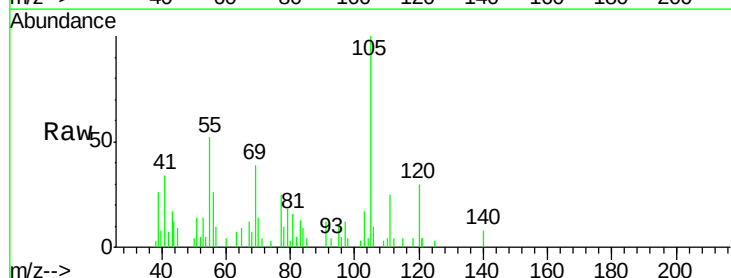
Acq: 16 Nov 2020 11:38

Tgt Ion:105 Resp: 9152

Ion Ratio Lower Upper

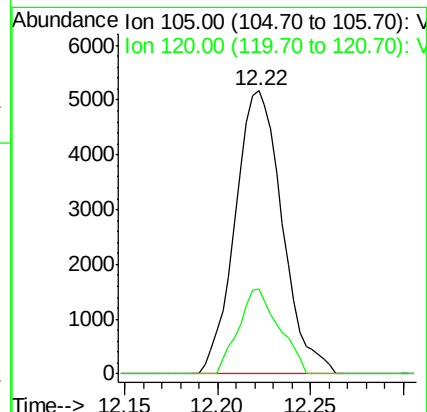
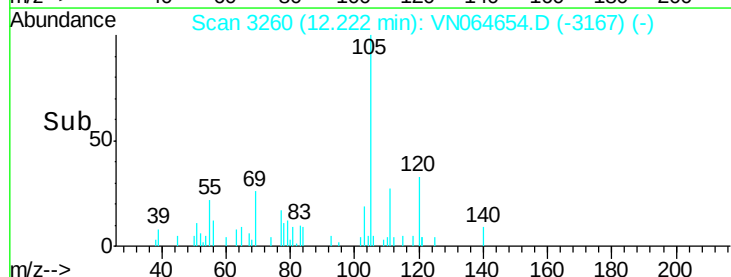
105 100

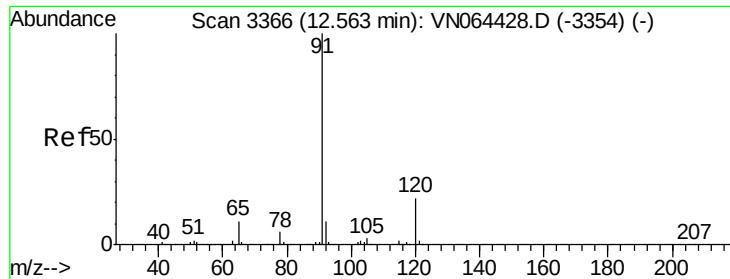
120 25.8 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#78

n-propylbenzene

Concen: 1.202 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

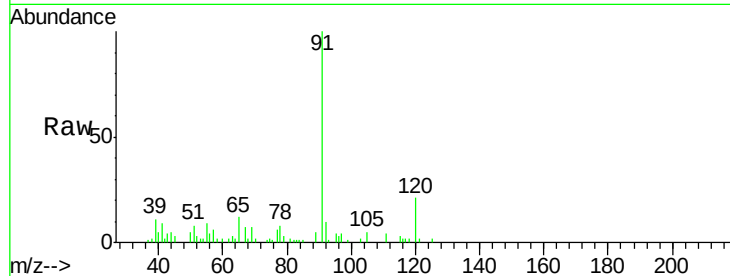
MW-3R(17-20FT)

Tot Ion: 91 Resp: 22727

Ion Ratio Lower Upper

91 100

120 20.9 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VN064428.D (-3354) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3354) (-)

12.57

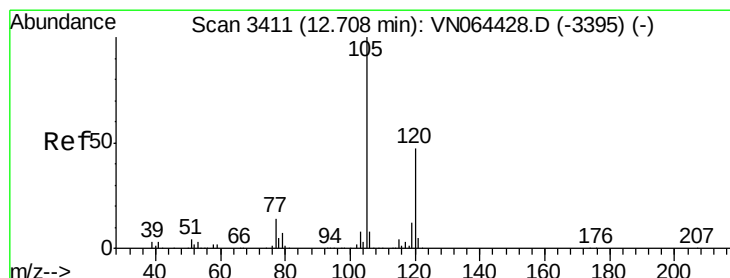
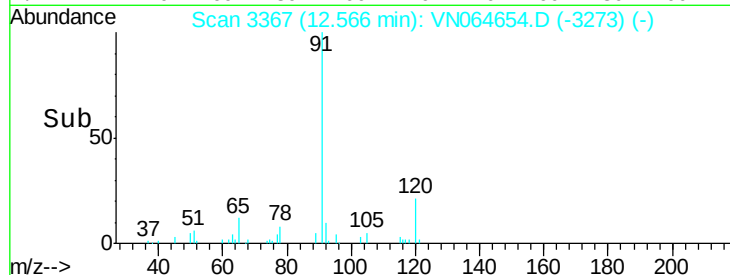
15000

10000

5000

0

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 0.967 ug/l

RT: 12.70 min Scan# 3410

Delta R.T. -0.00 min

Lab File: VN064654.D

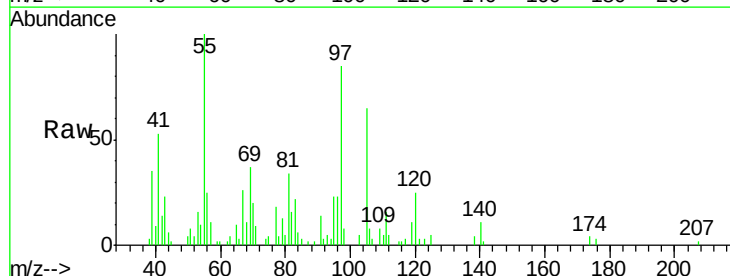
Acq: 16 Nov 2020 11:38

Tgt Ion: 105 Resp: 13232

Ion Ratio Lower Upper

105 100

120 41.9 23.4 70.2



Abundance Ion 105.00 (104.70 to 105.70): VN064428.D (-3395) (-)

Ion 120.00 (119.70 to 120.70): VN064428.D (-3395) (-)

12.70

8000

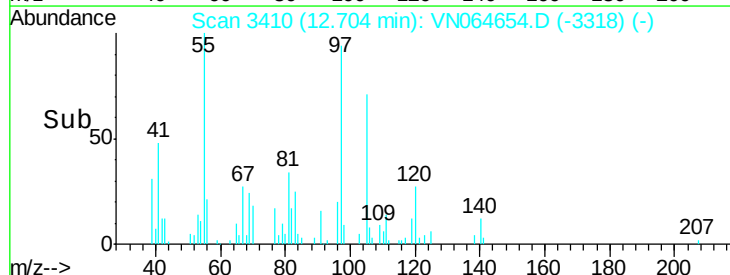
6000

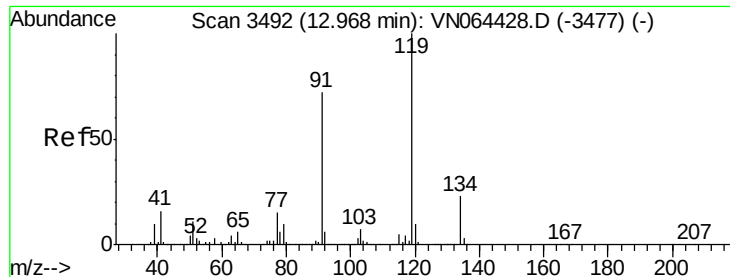
4000

2000

0

Time-->

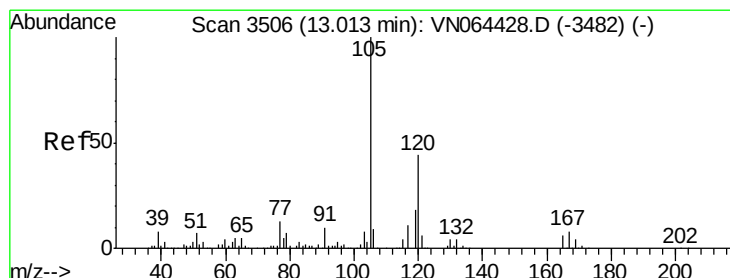
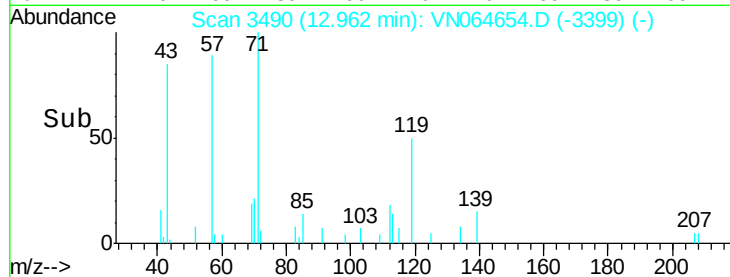
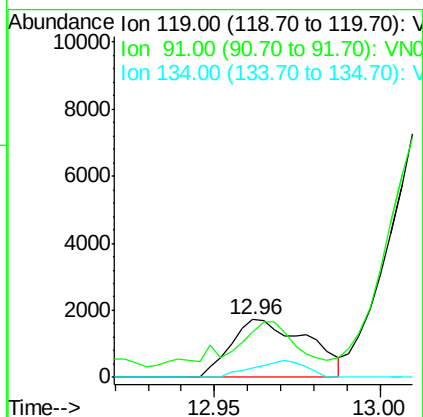
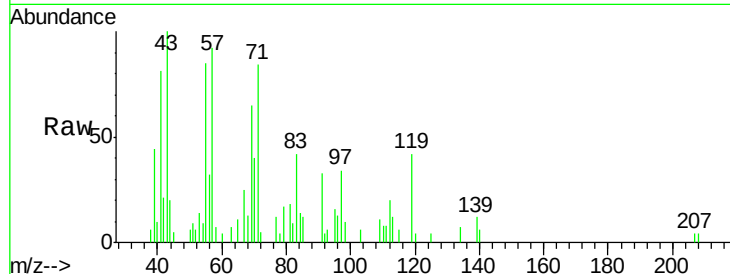




#83
 tert-Butylbenzene
 Concen: 0.260 ug/l
 RT: 12.96 min Scan# 3490
 Delta R.T. -0.01 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

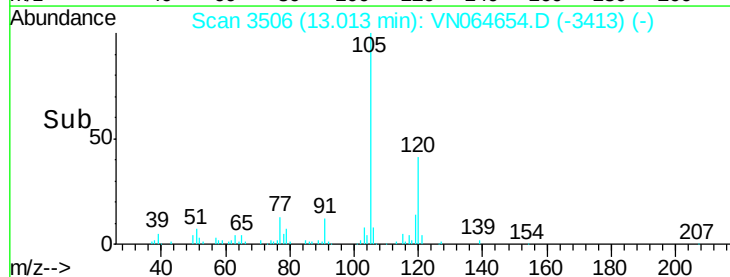
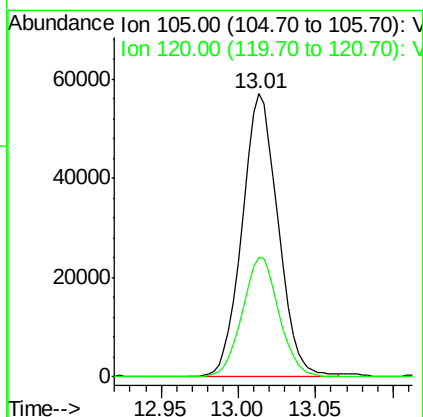
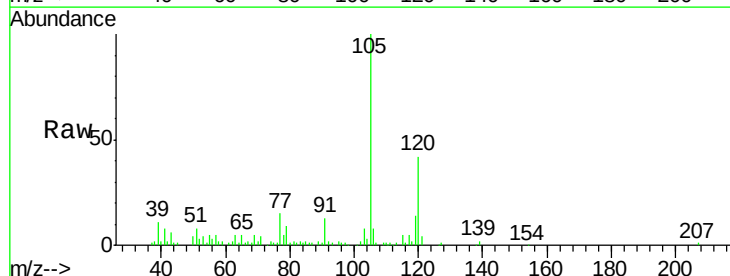
Instrument :
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 MW-3R(17-20FT)

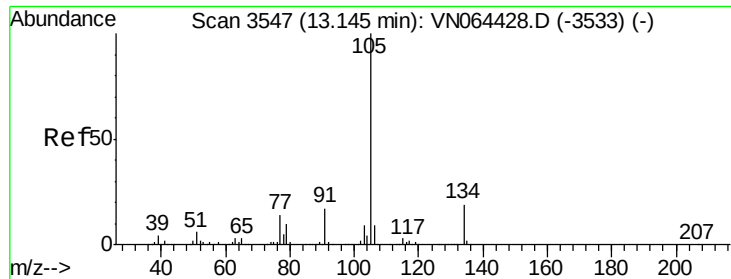
Tot Ion:119 Resp: 2775
 Ion Ratio Lower Upper
 119 100
 91 64.4 36.1 108.3
 134 20.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 6.723 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. -0.00 min
 Lab File: VN064654.D
 Acq: 16 Nov 2020 11:38

Tgt Ion:105 Resp: 92438
 Ion Ratio Lower Upper
 105 100
 120 42.9 21.9 65.7





#85

sec-Butylbenzene

Concen: 1.162 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

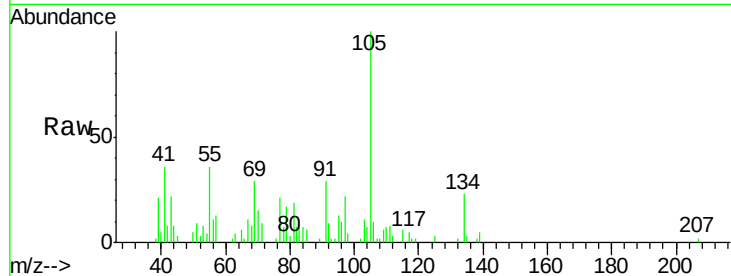
MW-3R(17-20FT)

Tot Ion:105 Resp: 15721

Ion Ratio Lower Upper

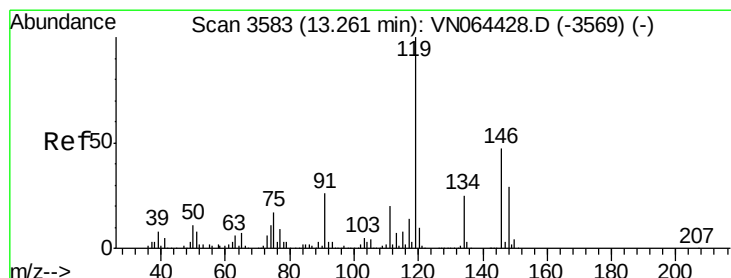
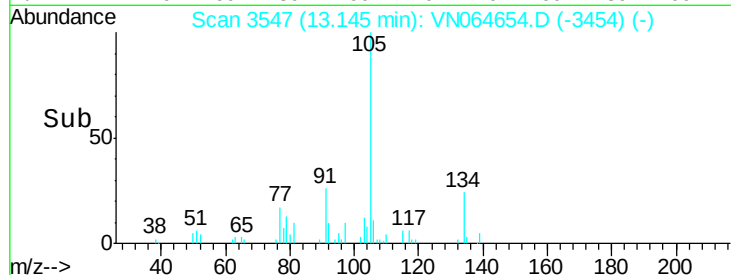
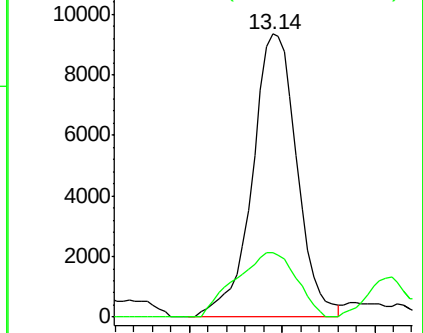
105 100

134 30.9 9.4 28.2#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 0.680 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

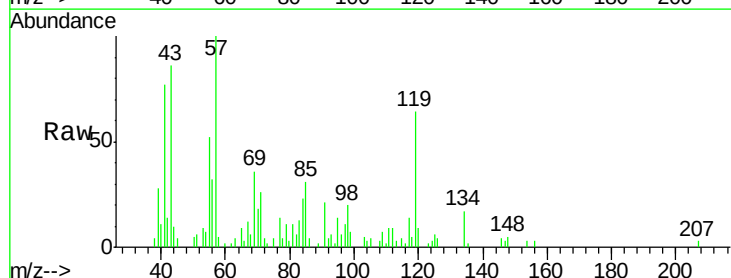
Tgt Ion:119 Resp: 8269

Ion Ratio Lower Upper

119 100

134 26.0 12.6 37.6

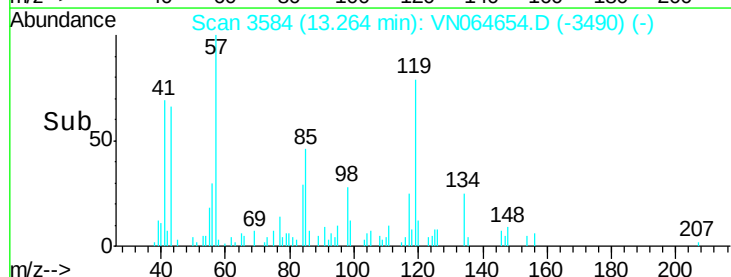
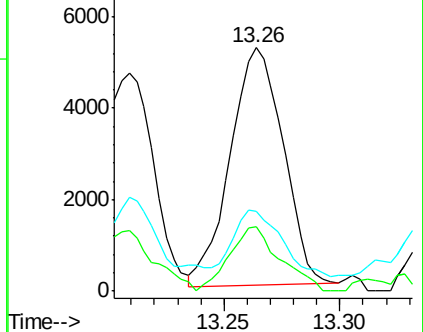
91 24.7 12.8 38.3

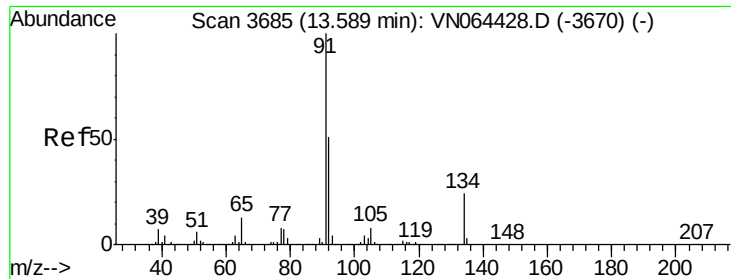


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#89

n-Butylbenzene

Concen: 1.036 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. -0.00 min

Lab File: VN064654.D

Acq: 16 Nov 2020 11:38

Instrument :

MSVOA_N

ClientSampleId :

MW-3R(17-20FT)

Tot Ion: 91 Resp: 10842

Ion Ratio Lower Upper

91 100

92 44.7 25.3 75.9

134 0.0 11.8 35.4#

