

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061211.D
 Acq On : 30 Apr 2020 19:01
 Operator : JC/MD
 Sample : L2453-03
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:46 AM

Quant Time: May 01 09:12:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	125031	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	217528	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	206540	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	97666	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	90489	45.74	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.48%	
35) Dibromofluoromethane	7.55	113	62313	48.44	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.88%	
50) Toluene-d8	10.06	98	271666	51.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.62%	
62) 4-Bromofluorobenzene	12.38	95	105834	53.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.26%	
Target Compounds						
					Qvalue	
16) Acetone	3.77	43	22141	23.942	ug/l #	73
30) Chloroform	7.33	83	9552	3.181	ug/l	93
31) Cyclohexane	7.61	56	28751	9.990	ug/l #	92
39) Methylcyclohexane	9.05	83	9544	3.908	ug/l	93
52) Toluene	10.13	92	16034	4.103	ug/l	97
67) Ethyl Benzene	11.49	91	551260	71.876	ug/l	99
68) m/p-Xylenes	11.59	106	818545	291.575	ug/l	98
69) o-Xylene	11.92	106	290970	107.902	ug/l	95
73) Isopropylbenzene	12.22	105	35921	5.003	ug/l	98
78) n-propylbenzene	12.57	91	110296	12.951	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	148760	25.033	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	647081	105.691	ug/l	99
85) sec-Butylbenzene	13.15	105	5326m	0.780	ug/l	
89) n-Butylbenzene	13.59	91	4797	0.850	ug/l #	73
95) Naphthalene	15.10	128	110281	19.008	ug/l	99

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

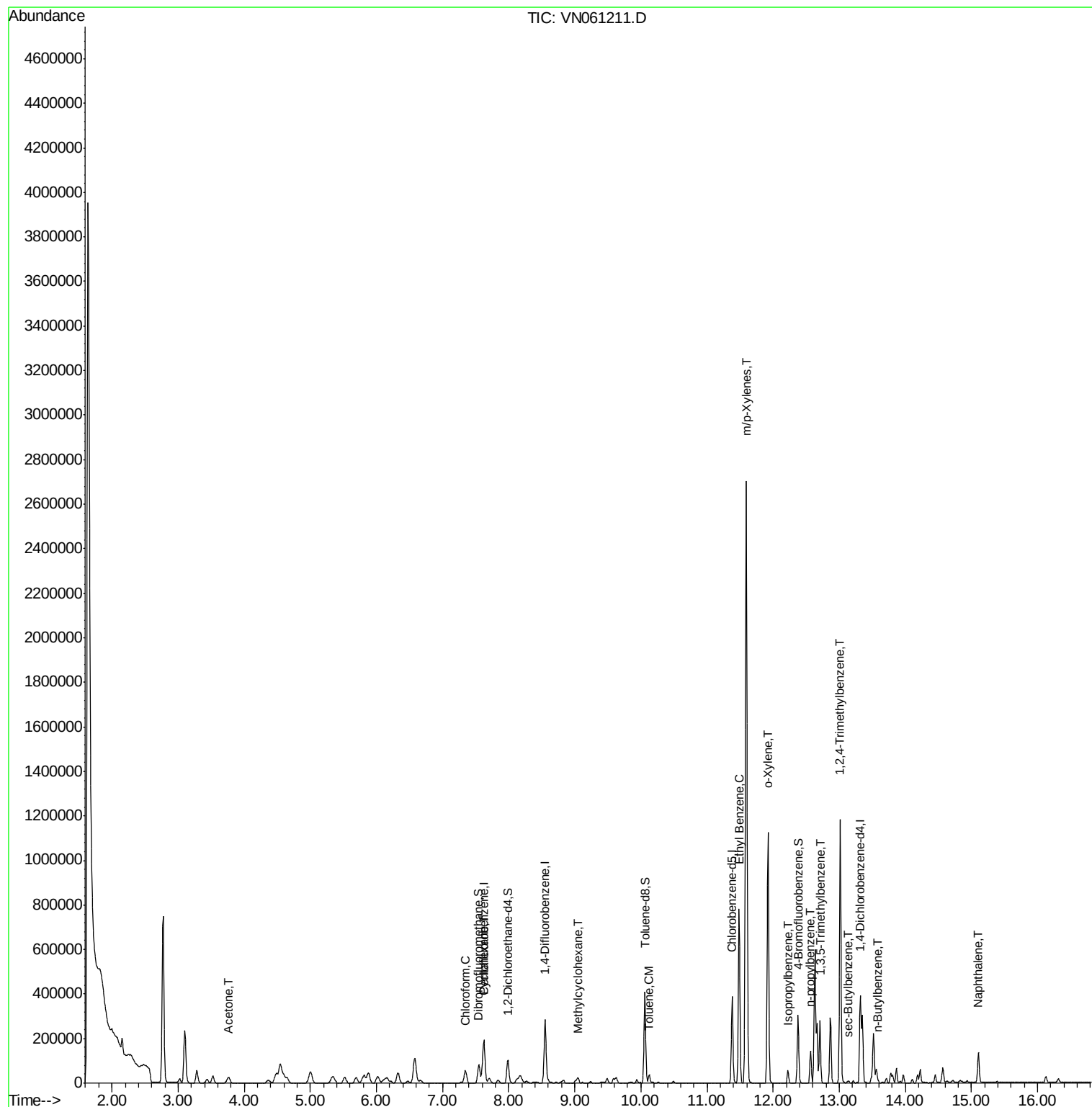
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
Data File : VN061211.D
Acq On : 30 Apr 2020 19:01
Operator : JC/MD
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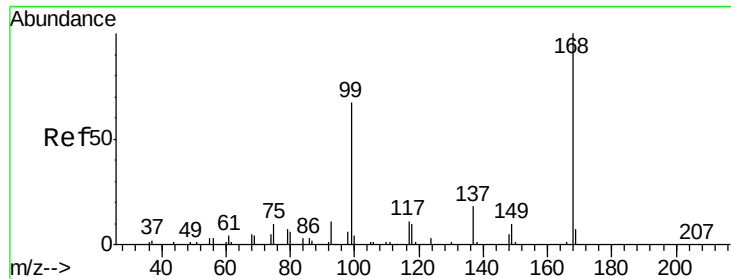
Instrument :
MSVOA_N
ClientSampleId :
MW-3

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Quant Time: May 01 09:12:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061211.D

Acq: 30 Apr 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:168 Resp: 125031

Ion Ratio Lower Upper

168 100

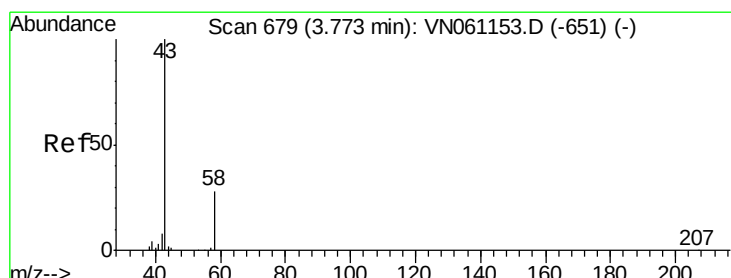
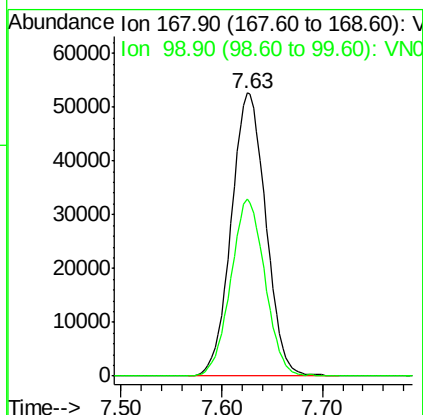
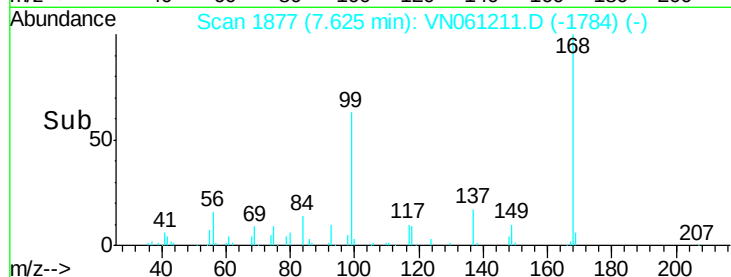
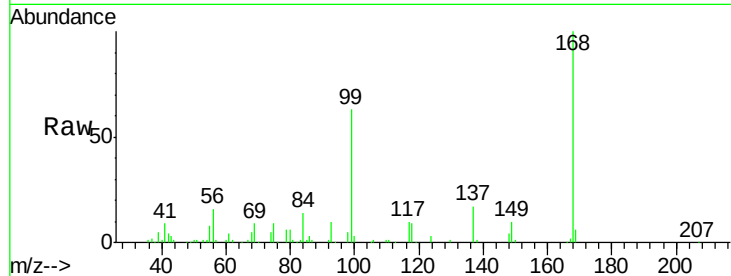
99 62.5 51.2 76.8

Manual Integrations

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#16

Acetone

Concen: 23.942 ug/l

RT: 3.77 min Scan# 677

Delta R.T. -0.01 min

Lab File: VN061211.D

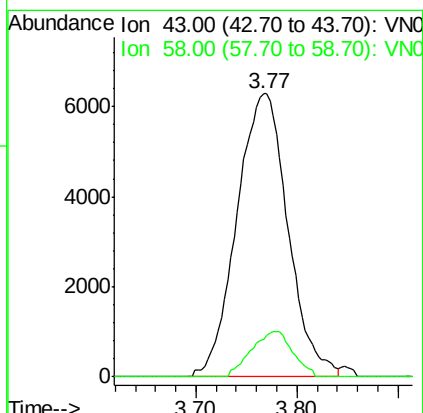
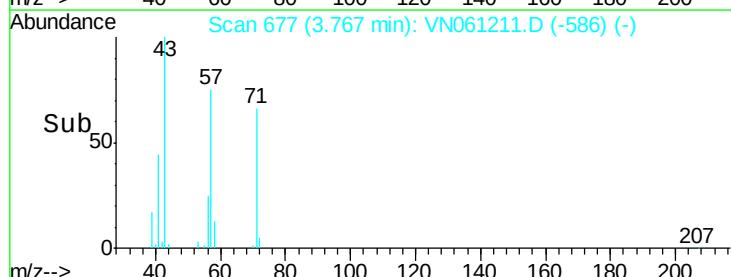
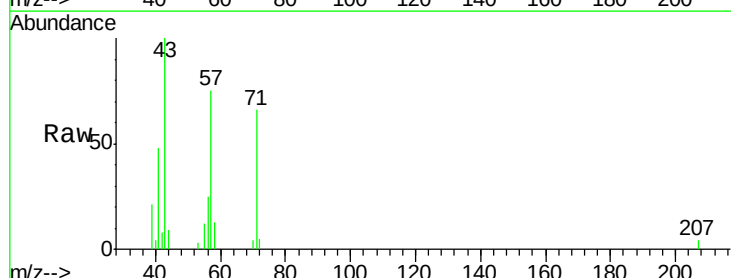
Acq: 30 Apr 2020 19:01

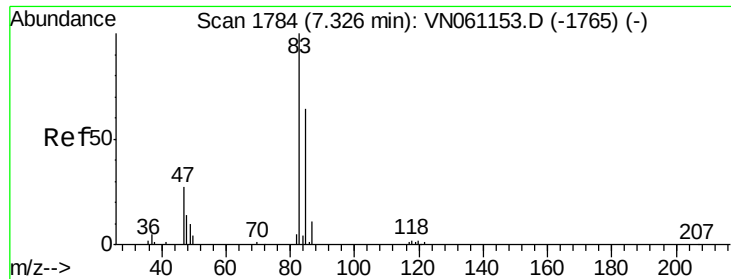
Tgt Ion: 43 Resp: 22141

Ion Ratio Lower Upper

43 100

58 13.4 22.2 33.2#





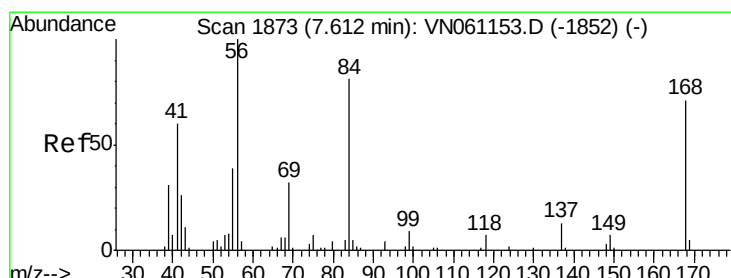
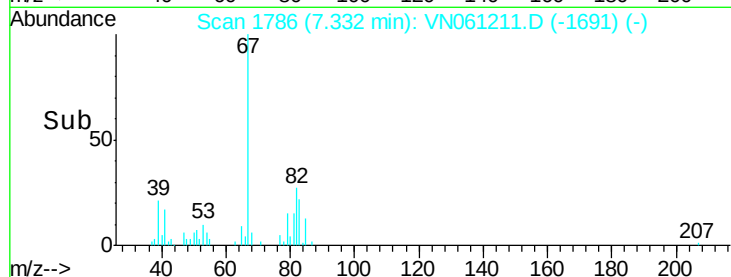
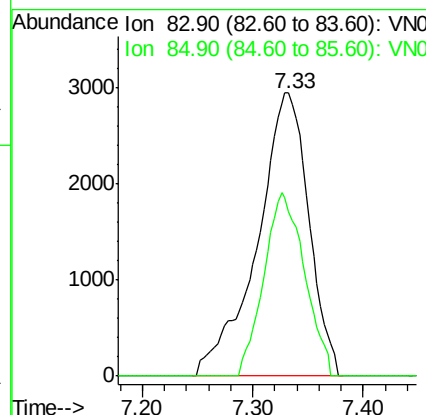
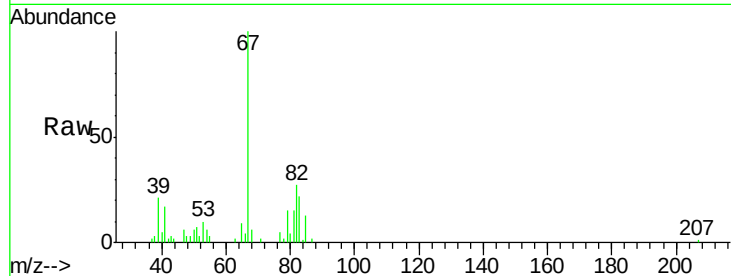
#30
Chloroform
Concen: 3.181 ug/l
RT: 7.33 min Scan# 1786
Delta R.T. 0.01 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	83	85	Resp	Lower	Upper
9552	100	58.2		51.1	76.7

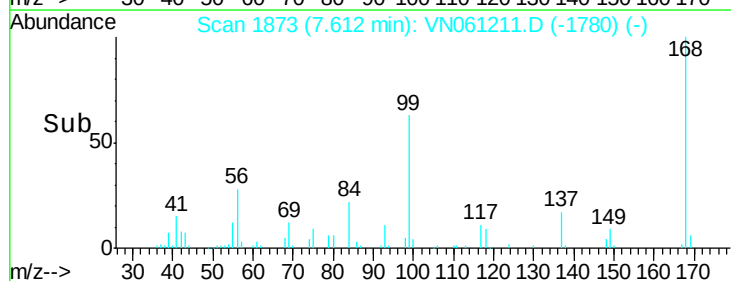
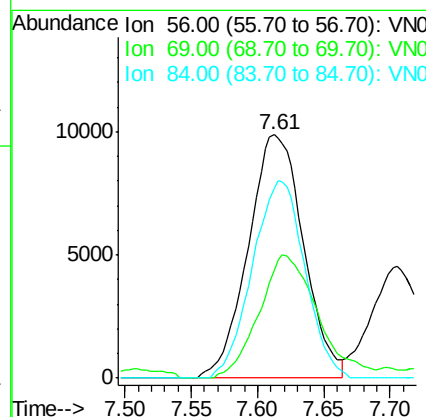
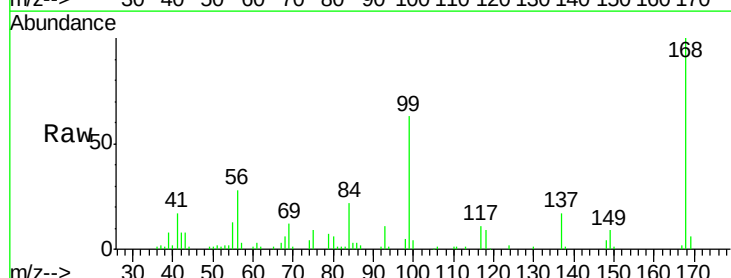
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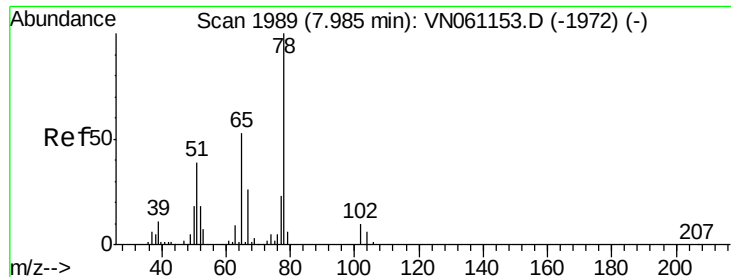
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#31
Cyclohexane
Concen: 9.990 ug/l
RT: 7.61 min Scan# 1873
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Tgt Ion	56	69	84	Resp	Lower	Upper
28751	100	44.5	78.2		25.7	38.5#
					64.6	97.0





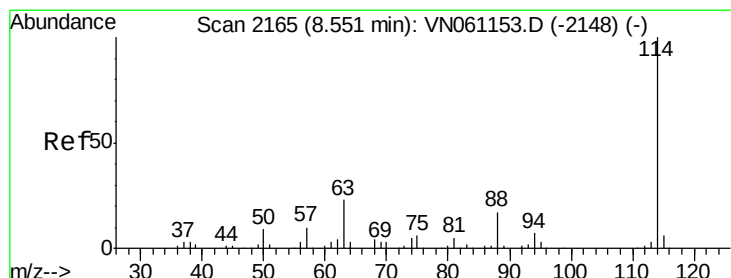
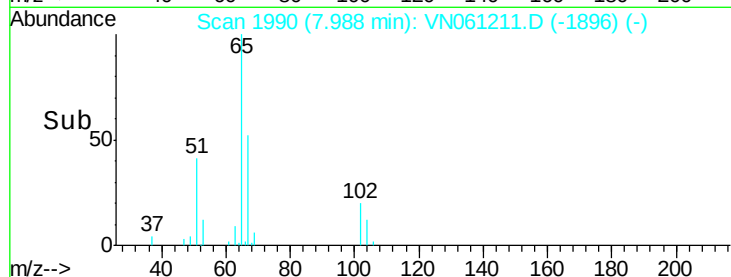
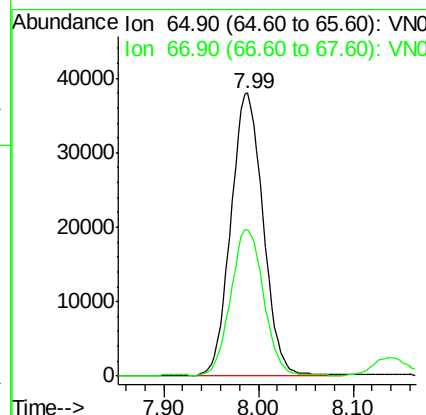
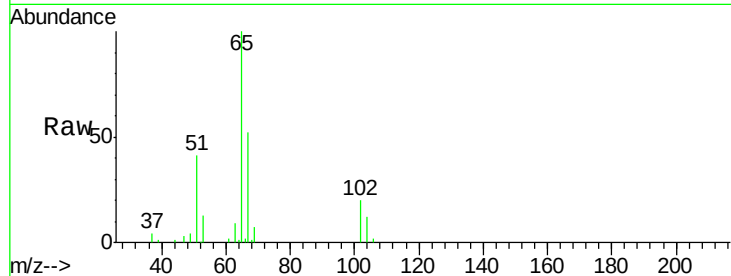
#33
 1,2-Dichloroethane-d4
 Concen: 45.739 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Resp	Lower	Upper
65	100	90489		
67	52.9	0.0	101.6	

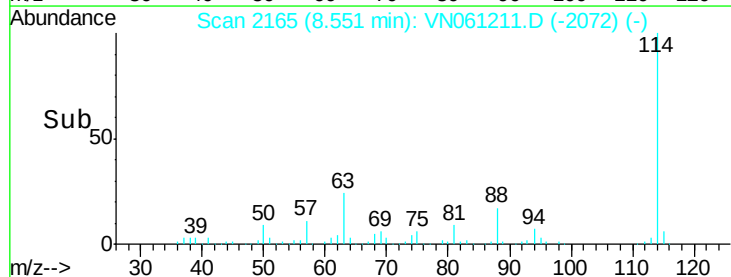
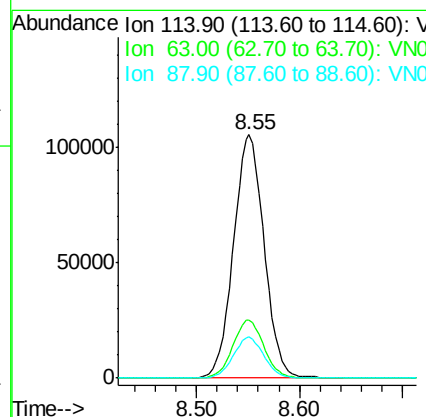
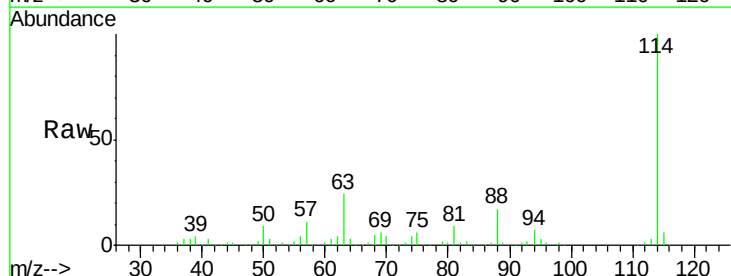
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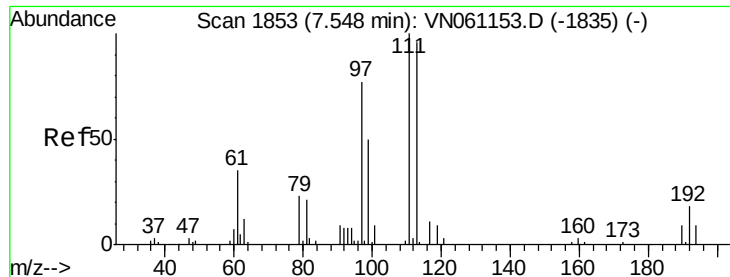
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	217528		
63	24.0	0.0	46.6	
88	16.8	0.0	33.4	





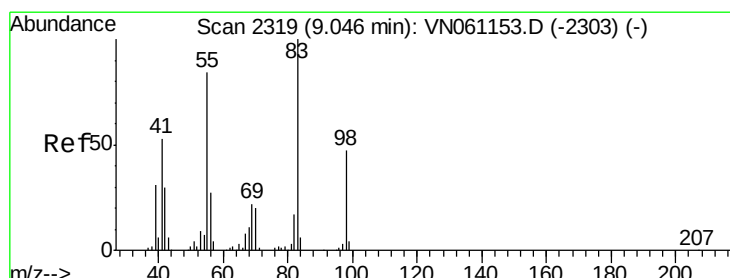
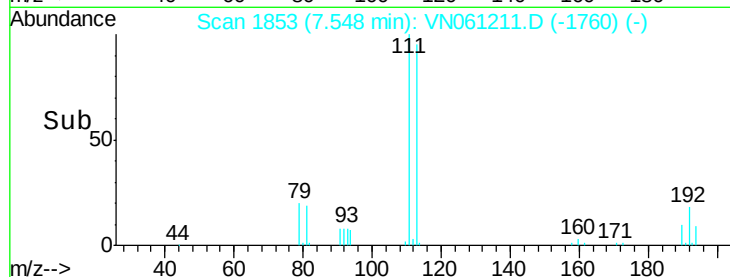
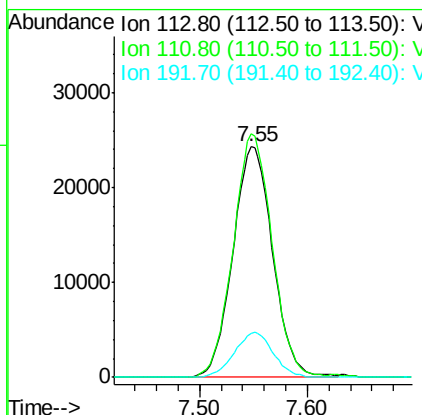
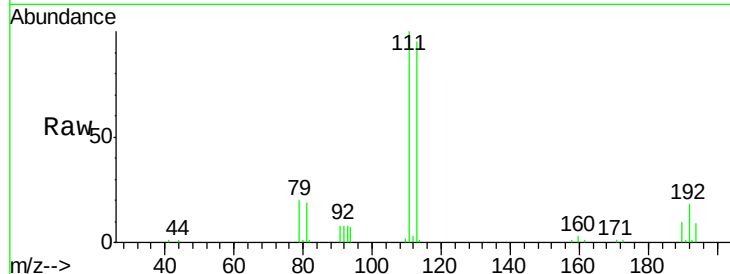
#35
 Dibromofluoromethane
 Concen: 48.444 ug/l
 RT: 7.55 min Scan# 1853
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.9	124.3
192	18.9	14.7	22.1

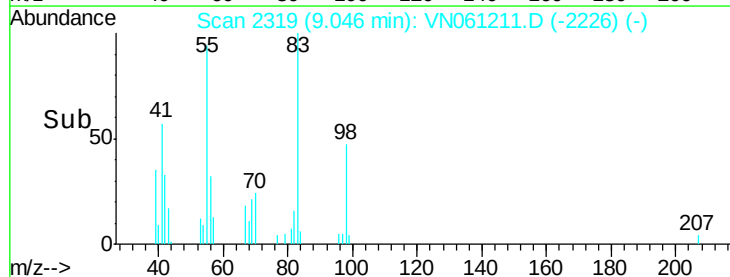
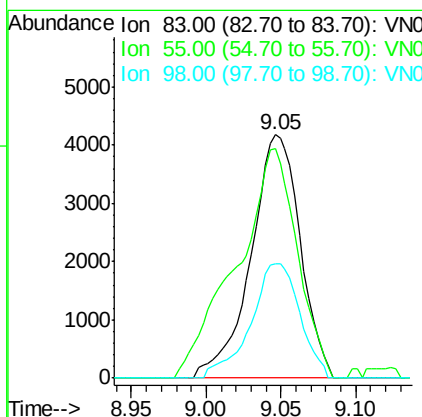
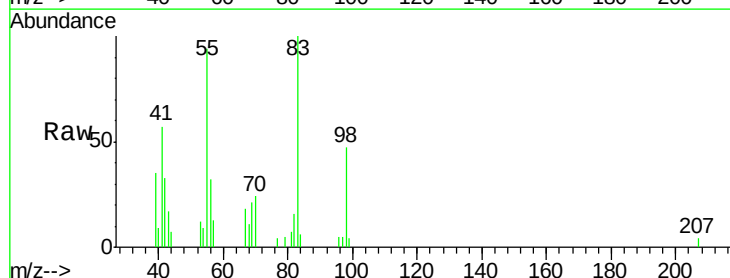
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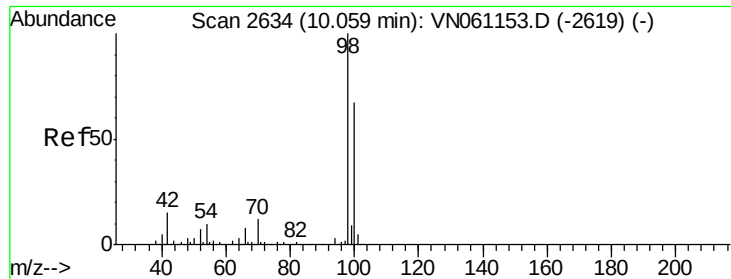
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#39
 Methylcyclohexane
 Concen: 3.908 ug/l
 RT: 9.05 min Scan# 2319
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Tgt Ion	Ratio	Lower	Upper
83	100		
55	94.0	67.3	100.9
98	47.2	37.7	56.5





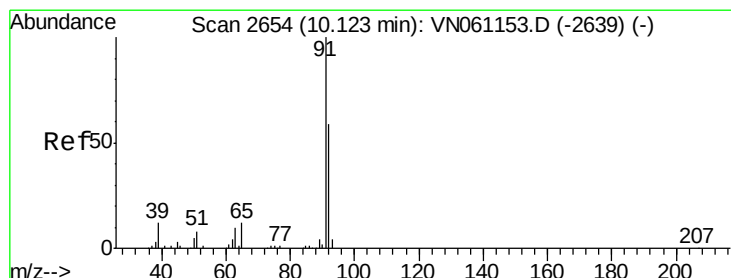
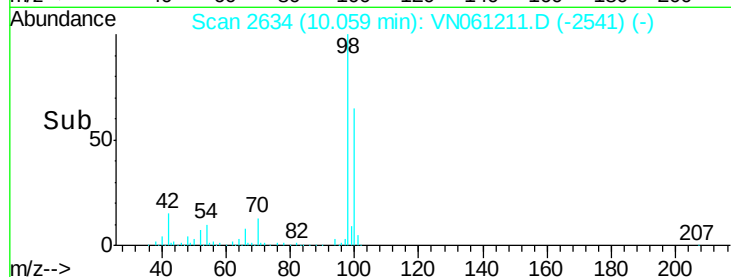
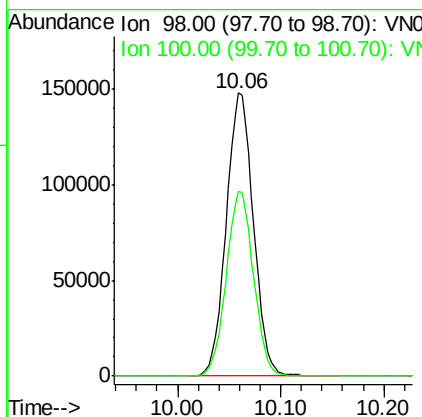
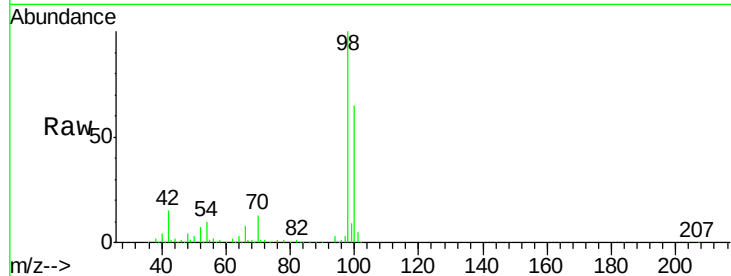
#50
Toluene-d8
Concen: 51.809 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion	98	Resp	271666
Ion Ratio	100	Lower	Upper
98	100	53.4	80.0
100	65.4		

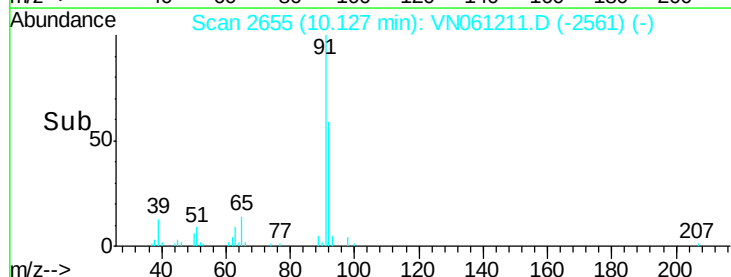
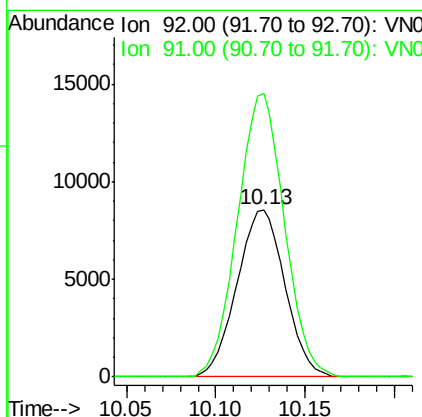
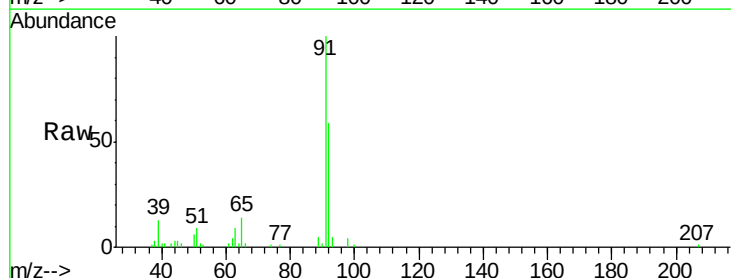
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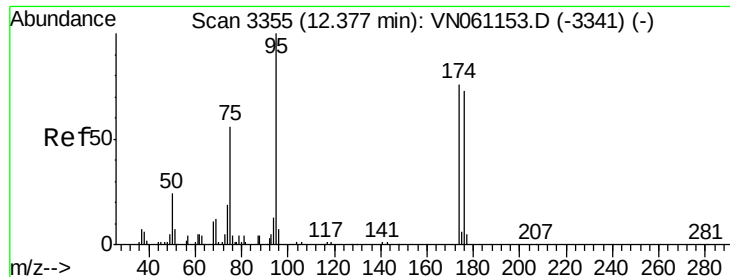
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#52
Toluene
Concen: 4.103 ug/l
RT: 10.13 min Scan# 2655
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Tgt Ion	92	Resp	16034
Ion Ratio	100	Lower	Upper
92	100	136.2	204.2
91	166.4		





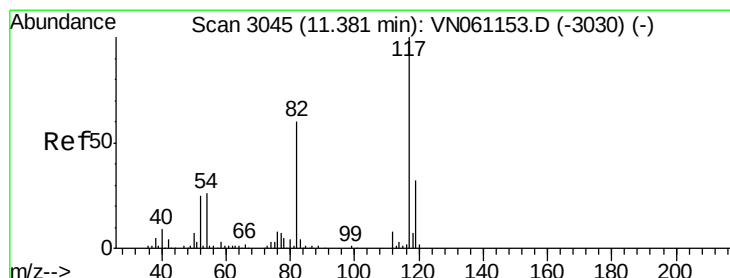
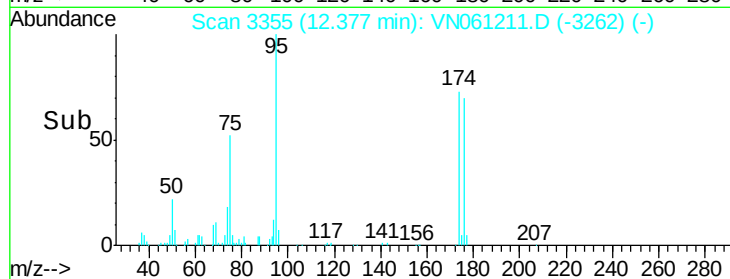
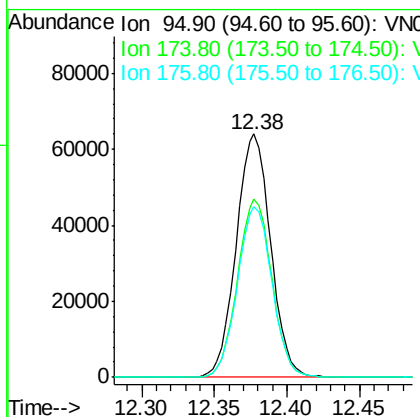
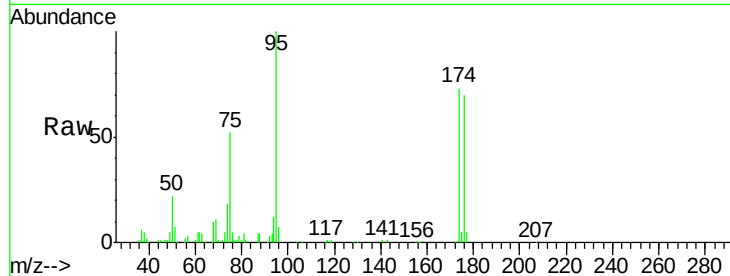
#62
 4-Bromofluorobenzene
 Concen: 53.634 ug/l
 RT: 12.38 min Scan# 3355
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion	Ratio	Resp	Lower	Upper
95	100	105834		
174	72.9	0.0	149.4	
176	70.4	0.0	144.8	

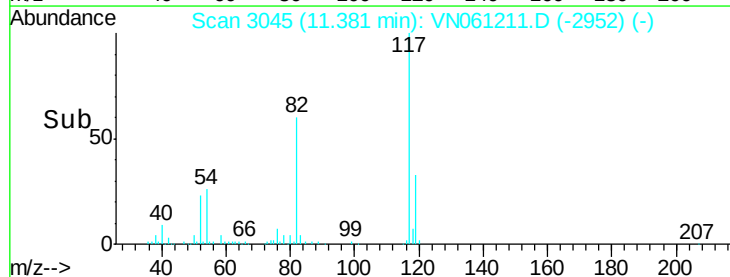
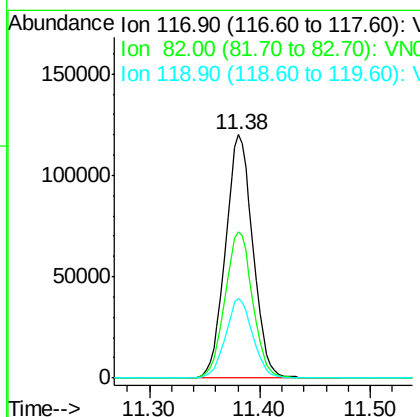
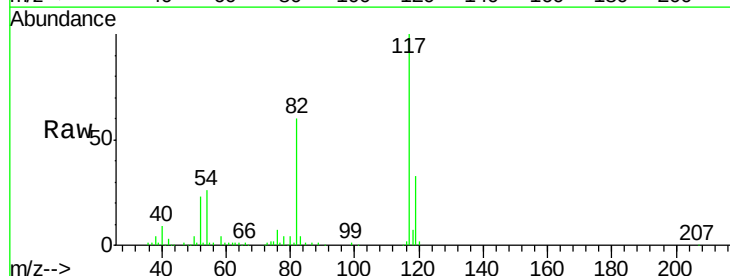
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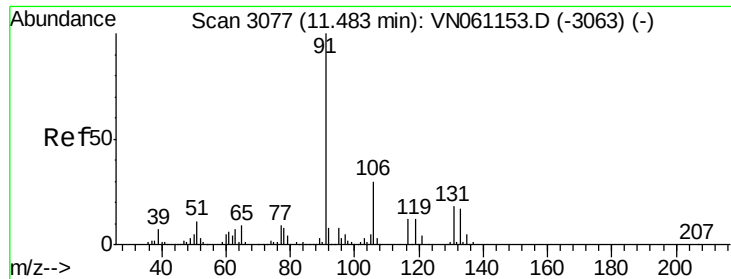
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#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.38 min Scan# 3045
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	206540		
82	60.4	47.8	71.8	
119	32.5	25.8	38.6	





#67

Ethyl Benzene

Concen: 71.876 ug/l

RT: 11.49 min Scan# 3078

Delta R.T. 0.00 min

Lab File: VN061211.D

Acq: 30 Apr 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion: 91 Resp: 551260

Ion Ratio Lower Upper

91 100

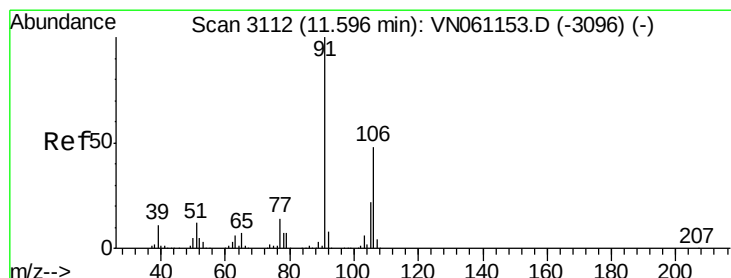
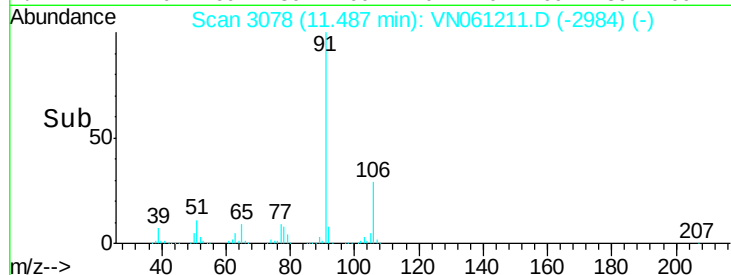
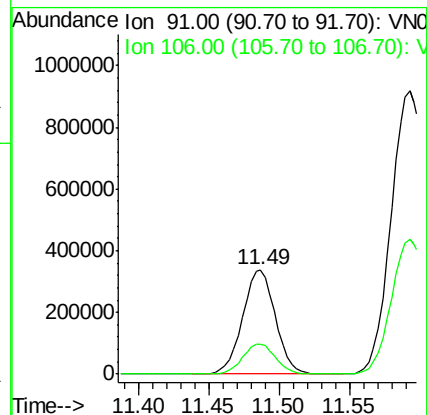
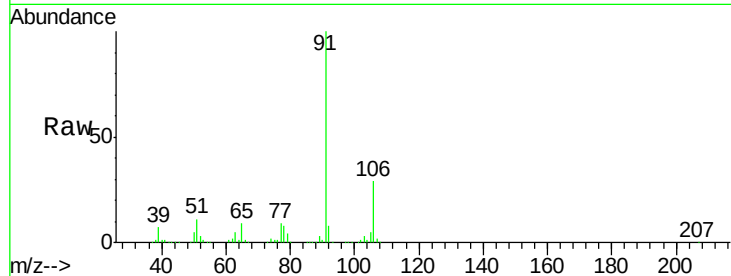
106 29.2 23.8 35.6

Manual Integrations

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#68

m/p-Xylenes

Concen: 291.575 ug/l

RT: 11.59 min Scan# 3111

Delta R.T. -0.00 min

Lab File: VN061211.D

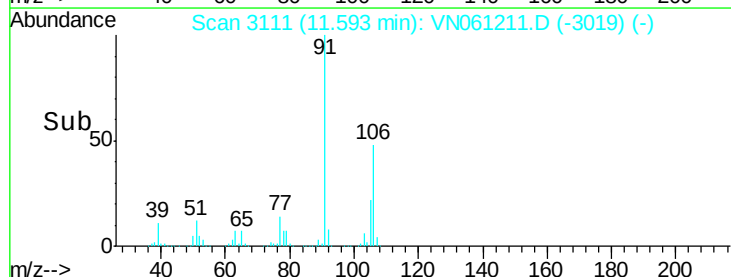
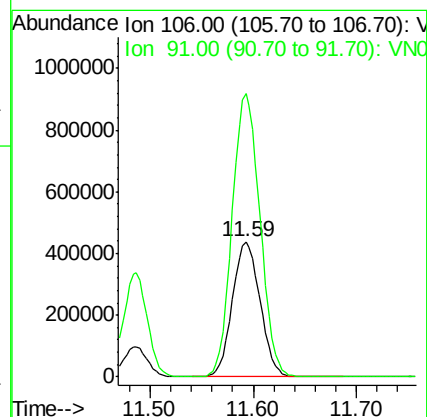
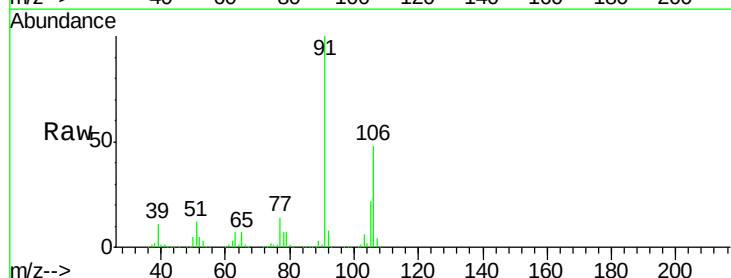
Acq: 30 Apr 2020 19:01

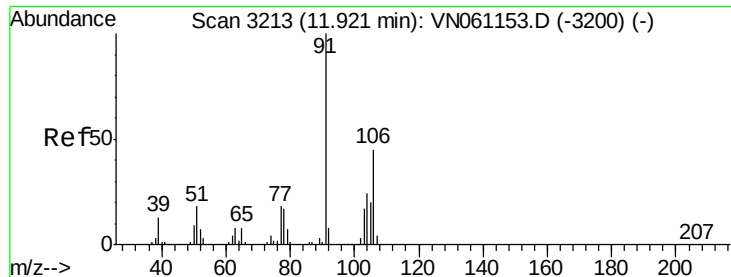
Tgt Ion: 106 Resp: 818545

Ion Ratio Lower Upper

106 100

91 211.0 166.4 249.6





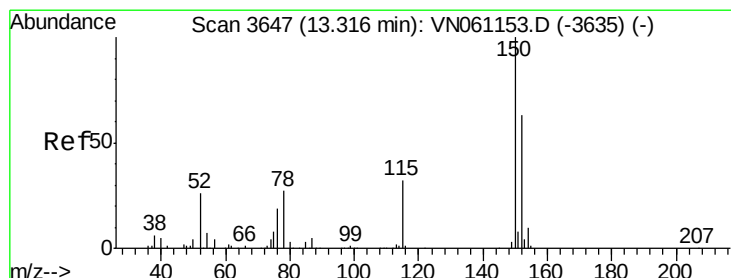
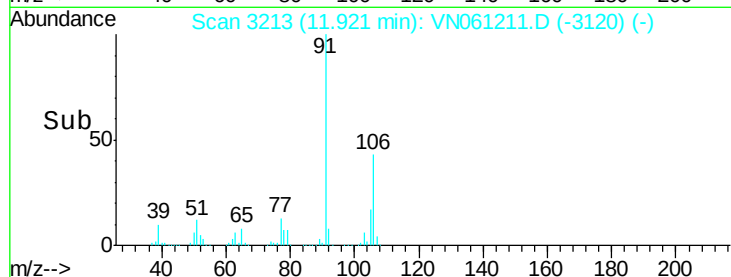
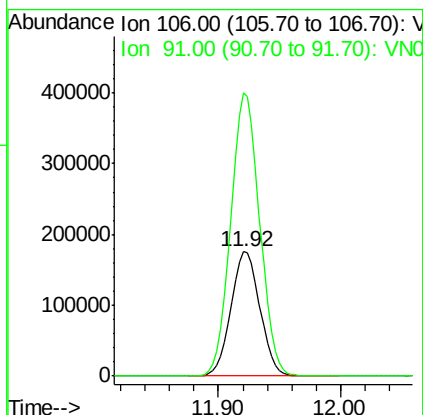
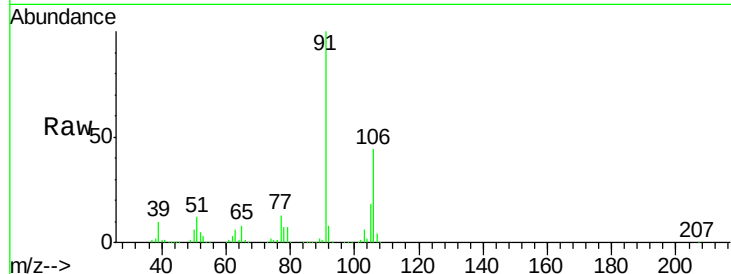
#69
o-Xylene
Concen: 107.902 ug/l
RT: 11.92 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Instrument :
MSVOA_N
ClientSampled :
MW-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		290970		
91	226.9	109.7	329.0		

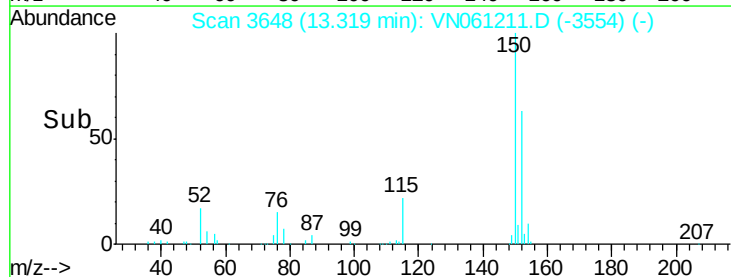
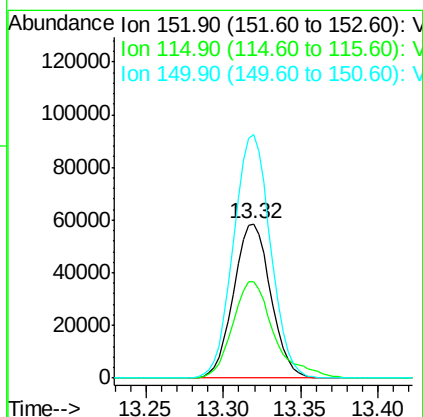
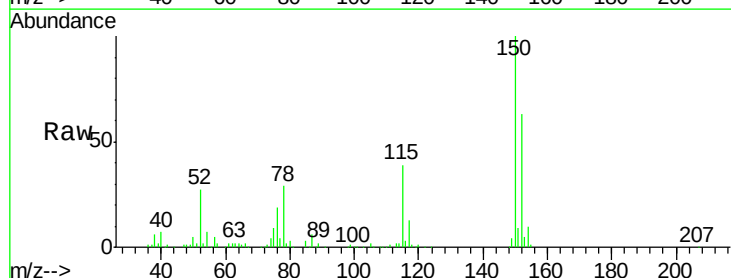
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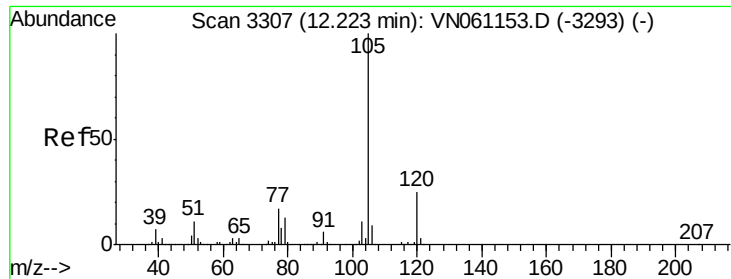
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
152	100		97666		
115	69.7	31.0	93.0		
150	157.4	0.0	351.8		





#73

Isopropylbenzene

Concen: 5.003 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061211.D

Acq: 30 Apr 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:105 Resp: 35921

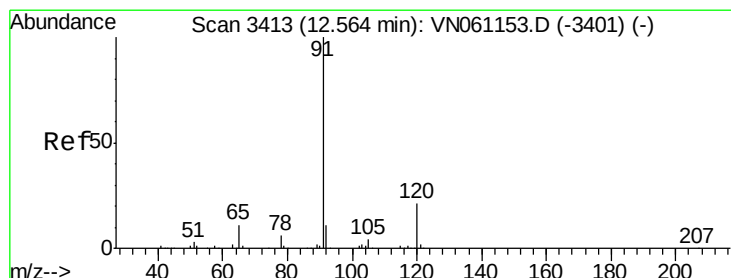
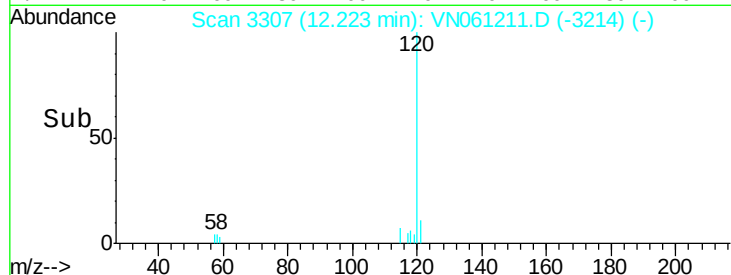
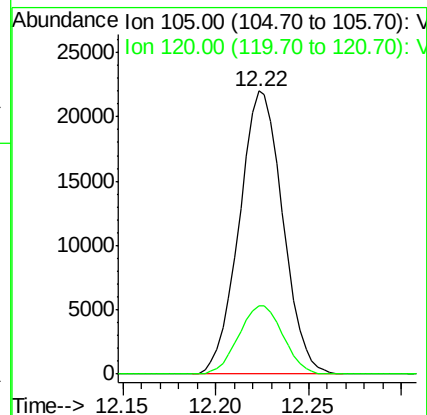
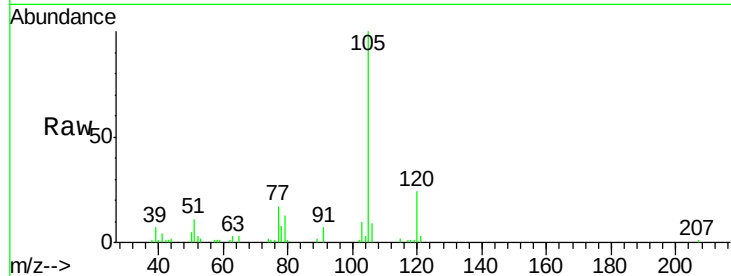
Ion Ratio Lower Upper

105 100

120 24.4 12.6 37.8

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#78

n-propylbenzene

Concen: 12.951 ug/l

RT: 12.57 min Scan# 3414

Delta R.T. 0.00 min

Lab File: VN061211.D

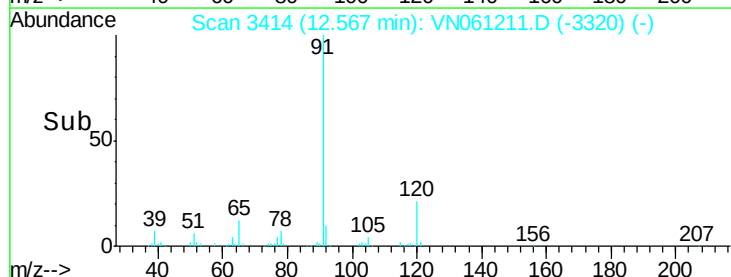
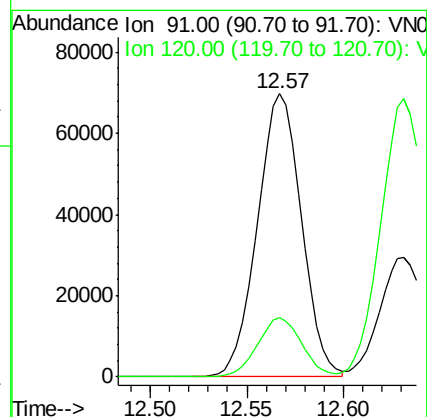
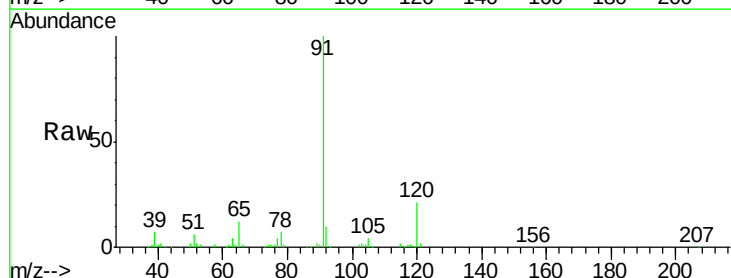
Acq: 30 Apr 2020 19:01

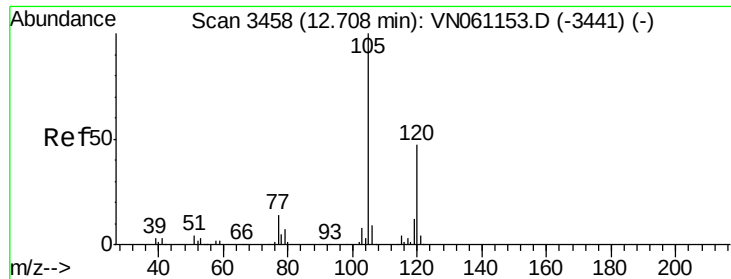
Tgt Ion: 91 Resp: 110296

Ion Ratio Lower Upper

91 100

120 21.0 10.8 32.3





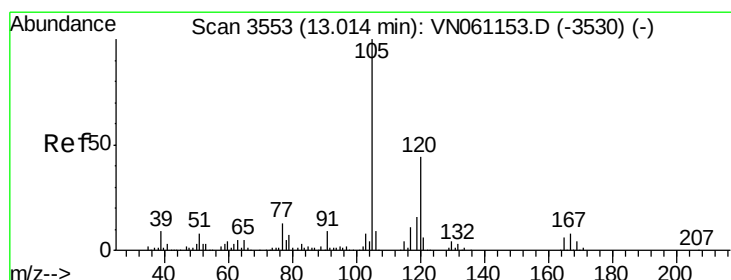
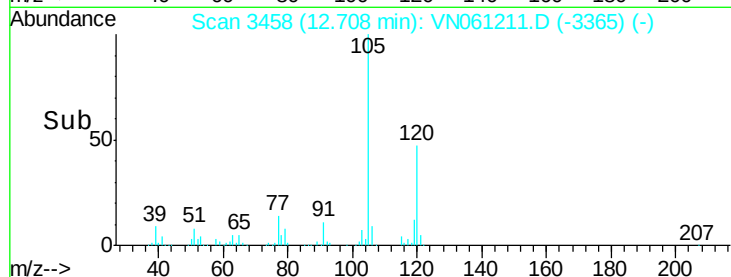
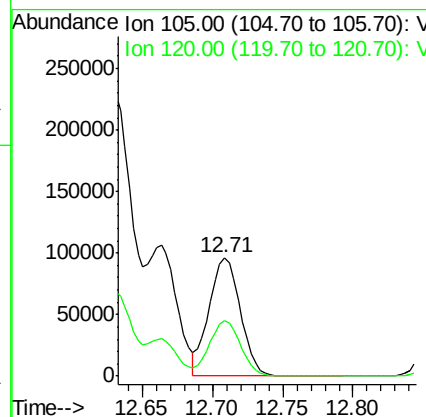
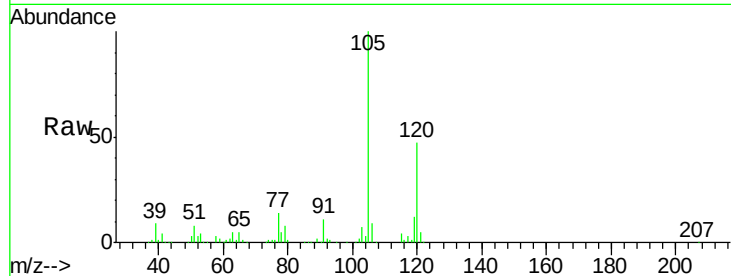
#80
 1,3,5-Trimethylbenzene
 Concen: 25.033 ug/l
 RT: 12.71 min Scan# 3458
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3

Tot Ion:105 Resp: 148760
 Ion Ratio Lower Upper
 105 100
 120 46.4 23.9 71.7

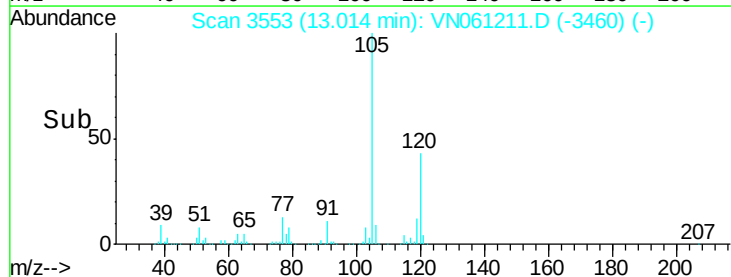
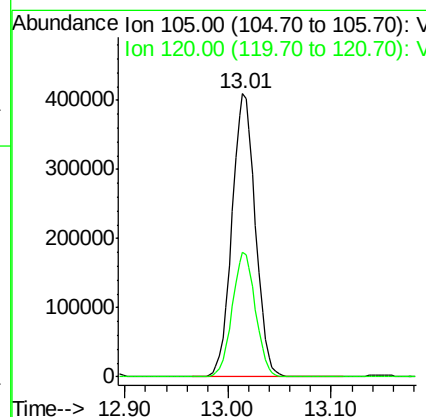
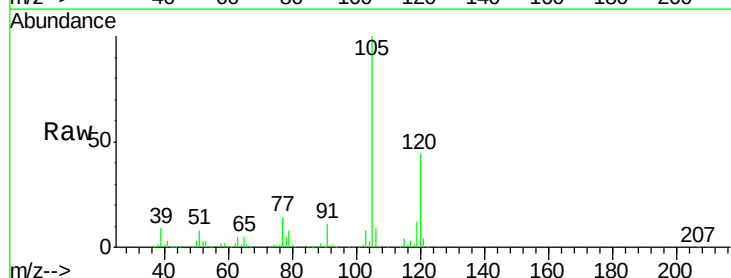
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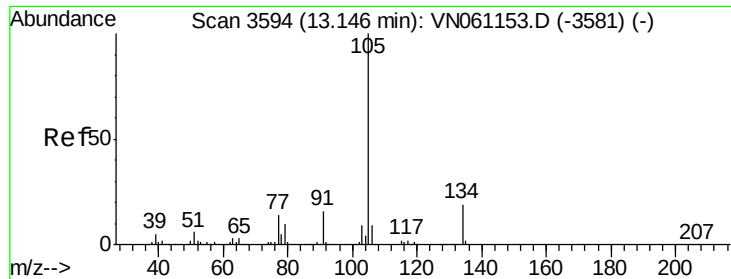
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#84
 1,2,4-Trimethylbenzene
 Concen: 105.691 ug/l
 RT: 13.01 min Scan# 3553
 Delta R.T. 0.00 min
 Lab File: VN061211.D
 Acq: 30 Apr 2020 19:01

Tgt Ion:105 Resp: 647081
 Ion Ratio Lower Upper
 105 100
 120 43.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 0.780 ug/l m

RT: 13.15 min Scan# 3595

Delta R.T. 0.00 min

Lab File: VN061211.D

Acq: 30 Apr 2020 19:01

Instrument :

MSVOA_N

ClientSampled :

MW-3

Tot Ion:105 Resp: 5326

Ion Ratio Lower Upper

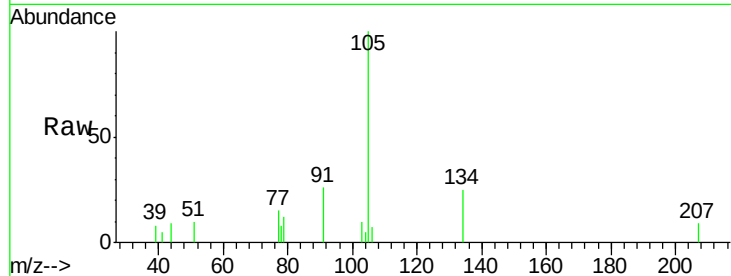
105 100

134 0.0 9.6 28.8#

Manual Integrations
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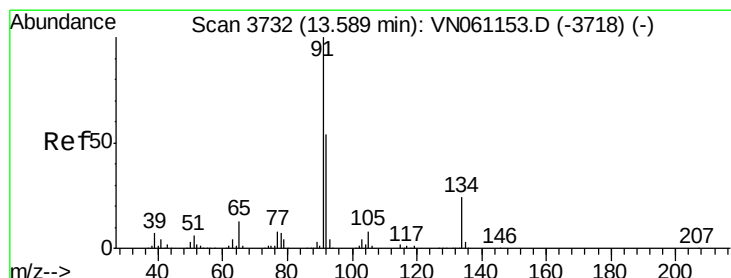
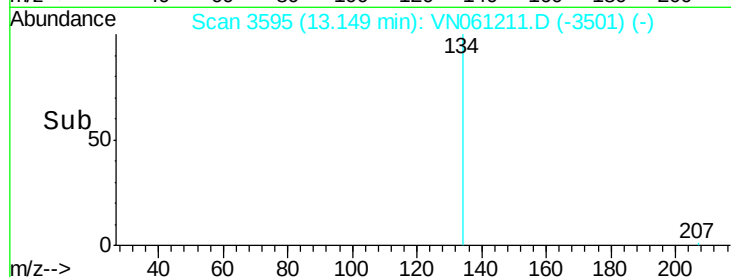
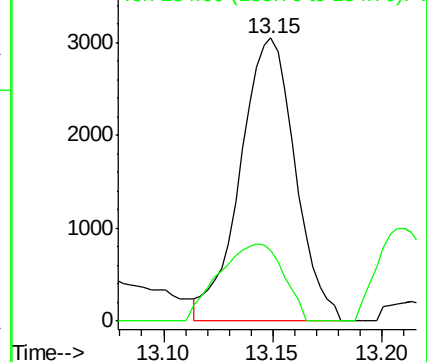
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#89

n-Butylbenzene

Concen: 0.850 ug/l

RT: 13.59 min Scan# 3731

Delta R.T. -0.00 min

Lab File: VN061211.D

Acq: 30 Apr 2020 19:01

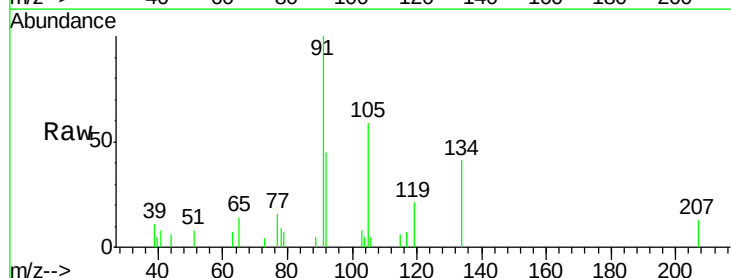
Tgt Ion: 91 Resp: 4797

Ion Ratio Lower Upper

91 100

92 66.5 26.8 80.3

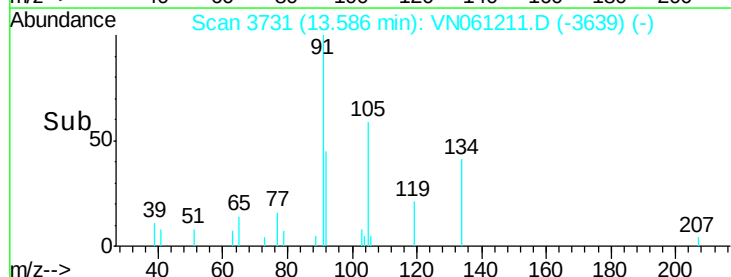
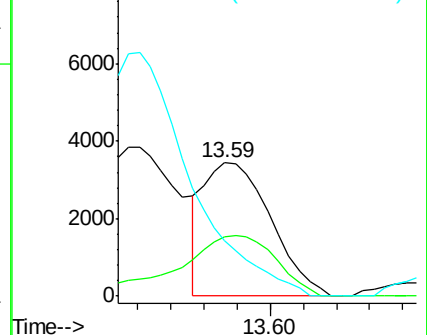
134 0.0 11.9 35.5#

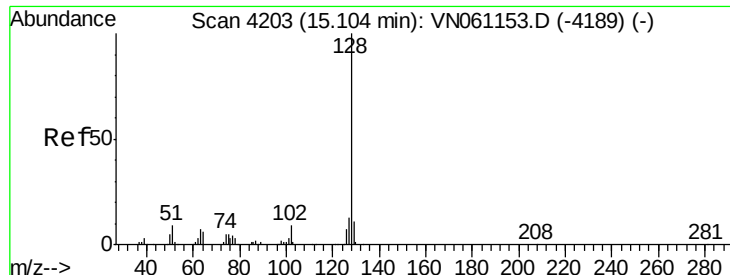


Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 92.00 (91.70 to 92.70): VN0

Ion 134.00 (133.70 to 134.70): V





#95
Naphthalene
Concen: 19.008 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061211.D
Acq: 30 Apr 2020 19:01

Instrument :
MSVOA_N
ClientSampleId :
MW-3

Tot Ion	Ratio	Resp Lower	Resp Upper
128	100		
127	12.6	10.4	15.6
129	10.9	8.7	13.1

Manual Integrations
APPROVED

MMDadoda
5/1/2020 10:54:46 AM

