

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN111620\
 Data File : VN064666.D
 Acq On : 16 Nov 2020 17:36
 Operator : JC/MD
 Sample : L4772-05
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R

Quant Time: Nov 17 03:48:47 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	235463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	475474	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	526476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	294920	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	227772	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	
35) Dibromofluoromethane	7.55	113	170685	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	10.06	98	634759	50.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.46%	
62) 4-Bromofluorobenzene	12.38	95	299896	63.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	126.76%	

Target Compounds

					Qvalue	
3) Chloromethane	2.04	50	2063	0.554	ug/l	# 88
11) Tert butyl alcohol	4.74	59	25559	56.509	ug/l	# 79
13) Acrolein	3.52	56	64	0.228	ug/l	# 1
16) Acetone	3.78	43	15221	9.743	ug/l	98
18) Methyl Acetate	4.29	43	1674	0.545	ug/l	# 74
20) Methylene Chloride	4.51	84	743	0.240	ug/l	# 31
25) 2-Butanone	6.79	43	635	0.319	ug/l	# 52
30) Chloroform	7.33	83	6959	1.152	ug/l	87
31) Cyclohexane	7.61	56	15803	3.170	ug/l	# 73
36) 1,1-Dichloropropene	7.63	75	22302	4.440	ug/l	# 53
37) Ethyl Acetate	6.89	43	137	0.789	ug/l	# 71
38) Carbon Tetrachloride	7.62	117	27603	5.142	ug/l	# 17
39) Methylcyclohexane	9.05	83	42781	9.501	ug/l	97
40) Benzene	8.01	78	14451	0.979	ug/l	97
48) Methyl methacrylate	9.05	41	24943	6.072	ug/l	# 71
51) 4-Methyl-2-Pentanone	9.96	43	1883	0.397	ug/l	96
52) Toluene	10.12	92	4016	0.446	ug/l	90
55) 1,1,2-Trichloroethane	10.50	97	18201	5.184	ug/l	# 20
56) Ethyl methacrylate	10.40	69	10632	3.614	ug/l	# 11
59) 2-Hexanone	10.69	43	10535	6.706	ug/l	# 29
60) Dibromochloromethane	10.60	129	2701	0.687	ug/l	# 10
64) Tetrachloroethene	10.60	164	2353	0.580	ug/l	87
67) Ethyl Benzene	11.48	91	1210924	58.985	ug/l	99
68) m/p-Xylenes	11.60	106	1027644	138.028	ug/l	99
69) o-Xylenes	11.92	106	124644	17.325	ug/l	96
70) Styrene	11.92	104	7692	0.635	ug/l	# 1
71) Bromoform	12.36	173	151	1.321	ug/l	# 1
73) Isopropylbenzene	12.22	105	3266364	139.343	ug/l	99
74) N-amyl acetate	12.02	43	23466	3.228	ug/l	# 58
75) 1,1,2,2-Tetrachloroethane	12.45	83	8813	1.224	ug/l	# 42
76) 1,2,3-Trichloropropane	12.57	75	42155	5.899	ug/l	# 100
78) n-propylbenzene	12.57	91	5545258	207.496	ug/l	95
79) 2-Chlorotoluene	12.57	91	5545258	327.154	ug/l	# 42
80) 1,3,5-Trimethylbenzene	12.71	105	1309175	67.699	ug/l	99

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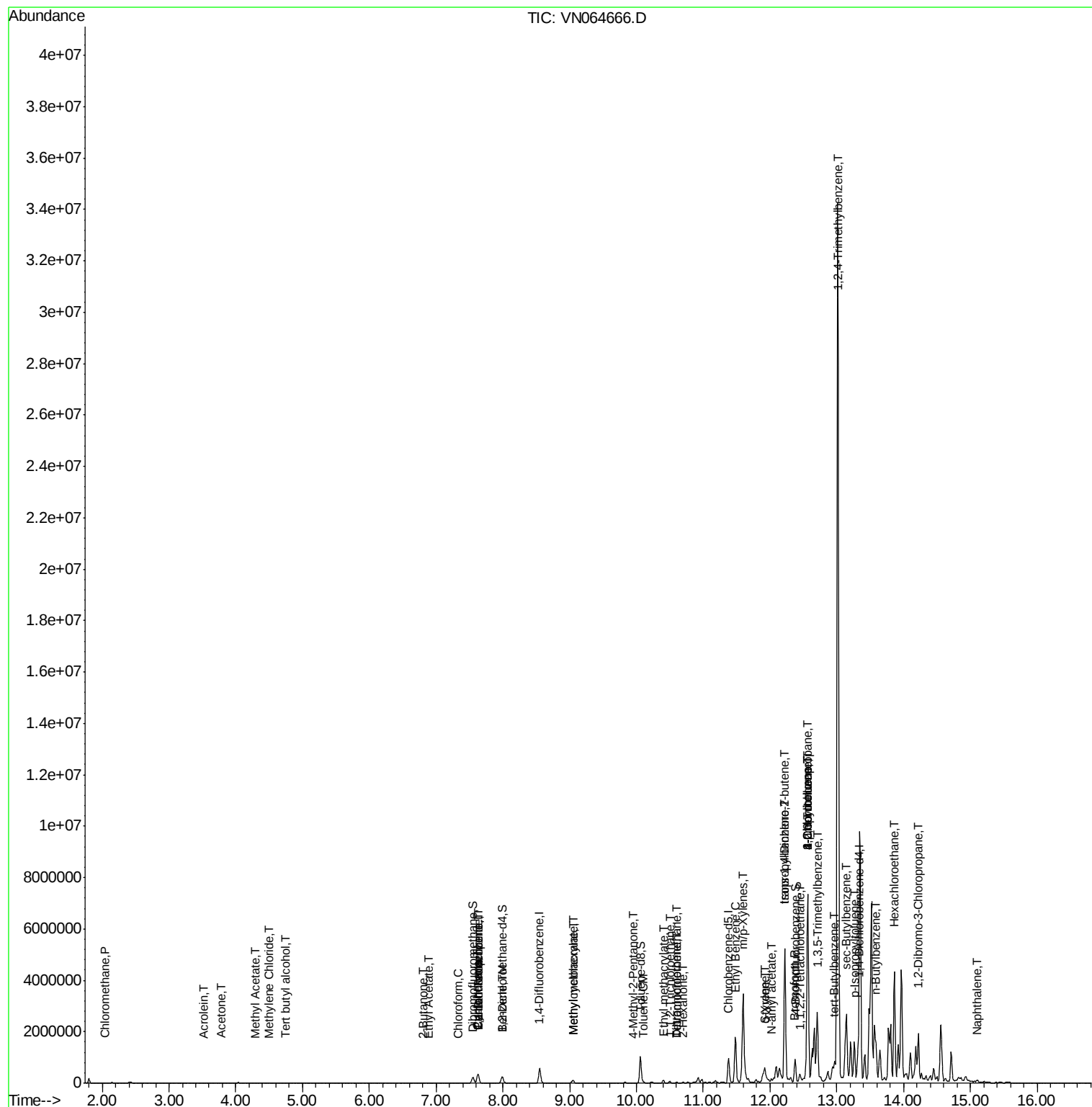
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
81) trans-1,4-Dichloro-2-buten	12.23	75	43926	17.164	ug/l #	68
82) 4-Chlorotoluene	12.57	91	5545258	312.391	ug/l #	44
83) tert-Butylbenzene	12.97	119	332254	21.999	ug/l	98
84) 1,2,4-Trimethylbenzene	13.02	105	11400253	586.423	ug/l #	55
85) sec-Butylbenzene	13.14	105	1587385	82.987	ug/l #	77
86) p-Isopropyltoluene	13.26	119	785408	45.649	ug/l	99
89) n-Butylbenzene	13.59	91	936677	63.319	ug/l #	77
90) Hexachloroethane	13.86	117	205924	62.044	ug/l #	18
92) 1,2-Dibromo-3-Chloropropan	14.22	75	7321	5.107	ug/l #	10
95) Naphthalene	15.11	128	78135	8.103	ug/l	97

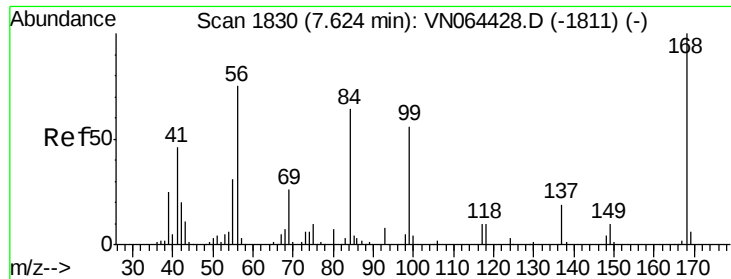
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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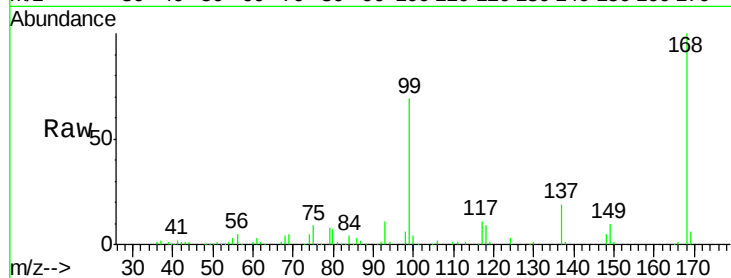




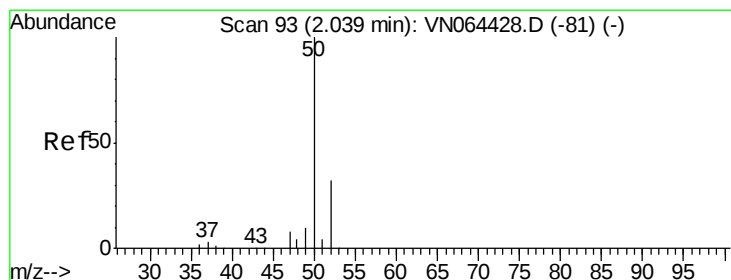
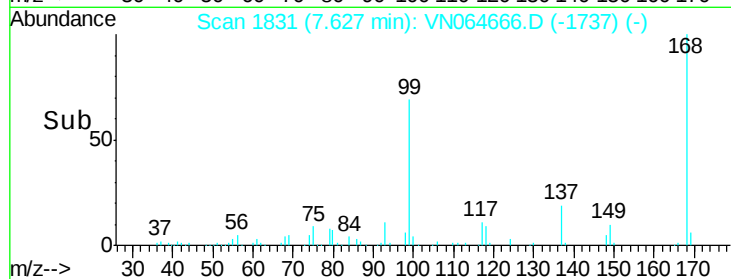
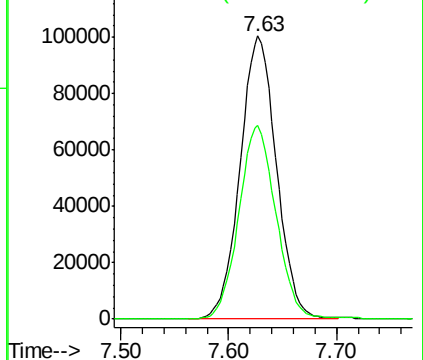
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.63 min Scan# 1831
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Instrument :
MSVOA_N
ClientSampled :
MW-3R

Tot Ion:168 Resp: 235463
Ion Ratio Lower Upper
168 100
99 68.6 53.4 80.2

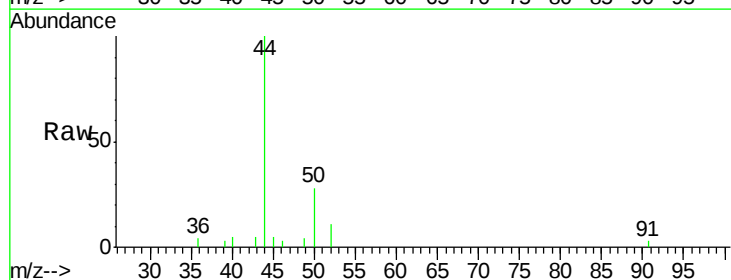


Abundance Ion 167.90 (167.60 to 168.60): V
Ion 98.90 (98.60 to 99.60): VNO

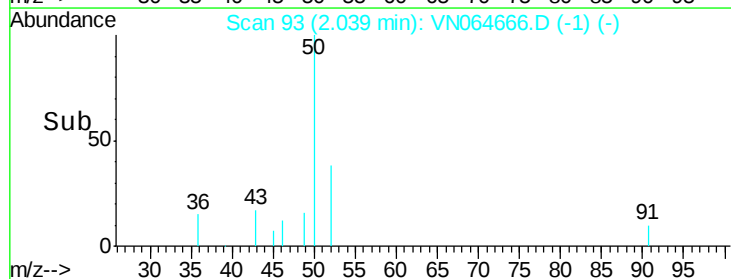
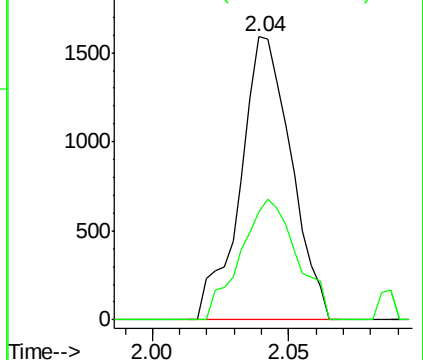


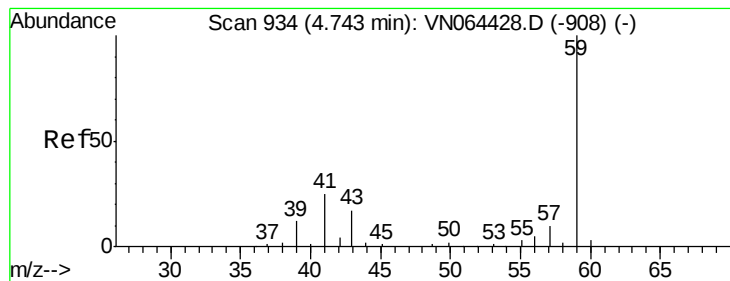
#3
Chloromethane
Concen: 0.554 ug/l
RT: 2.04 min Scan# 93
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 50 Resp: 2063
Ion Ratio Lower Upper
50 100
52 38.3 25.3 37.9#



Abundance Ion 49.90 (49.60 to 50.60): VNO
Ion 51.90 (51.60 to 52.60): VNO



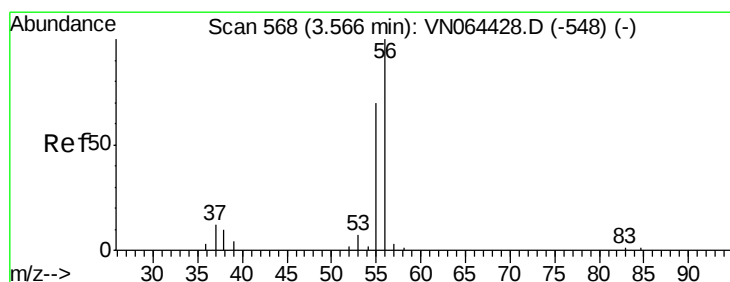
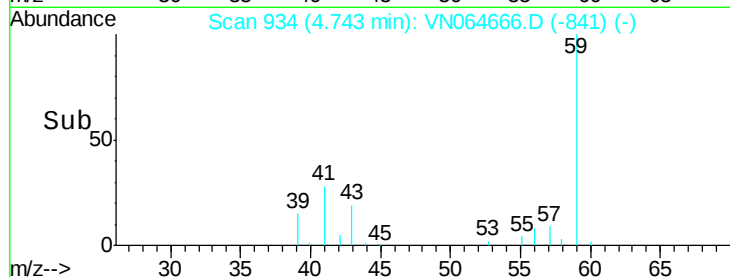
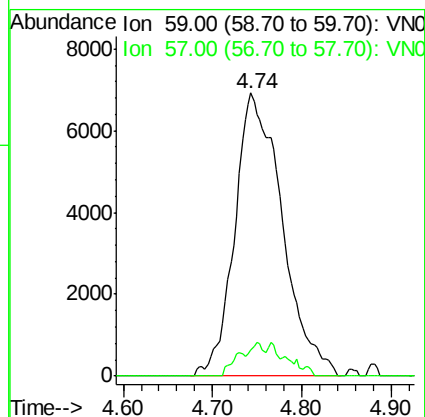
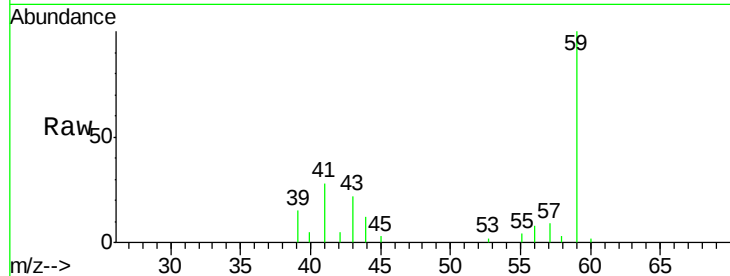


#11

Tert butyl alcohol
 Concen: 56.509 ug/l
 RT: 4.74 min Scan# 934
 Delta R.T. -0.00 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Instrument :
 MSVOA_N
 ClientSampled :
 MW-3R

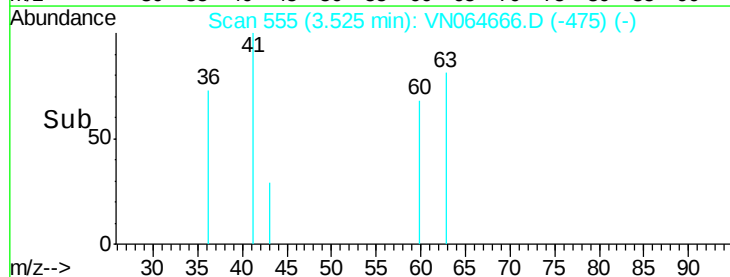
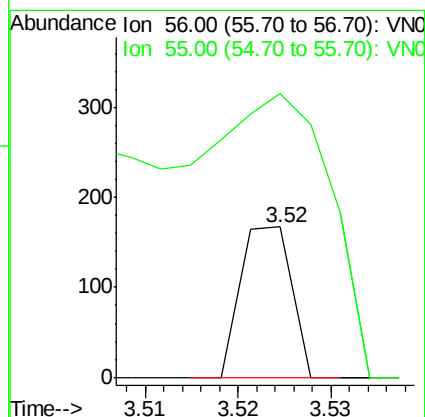
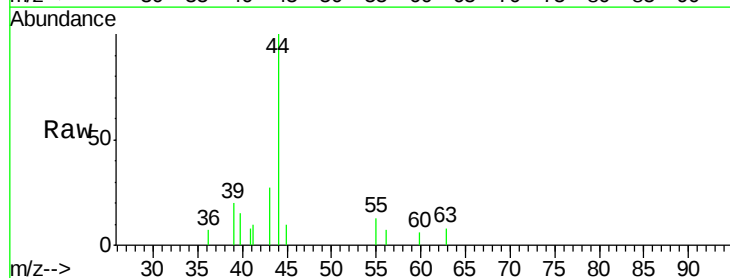
Tot Ion: 59 Resp: 25559
 Ion Ratio Lower Upper
 59 100
 57 3.2 9.0 13.4#

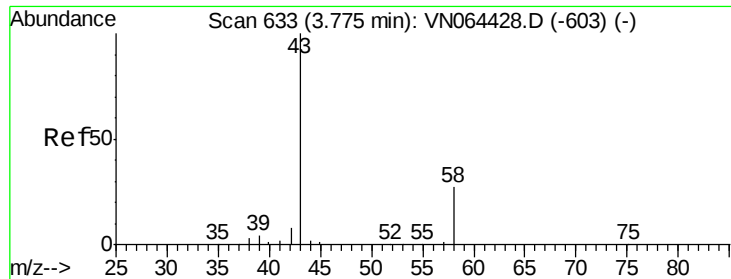


#13

Acrolein
 Concen: 0.228 ug/l
 RT: 3.52 min Scan# 555
 Delta R.T. -0.04 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Tgt Ion: 56 Resp: 64
 Ion Ratio Lower Upper
 56 100
 55 403.1 55.9 83.9#





#16

Acetone

Concen: 9.743 ug/l

RT: 3.78 min Scan# 636

Delta R.T. 0.01 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampled :

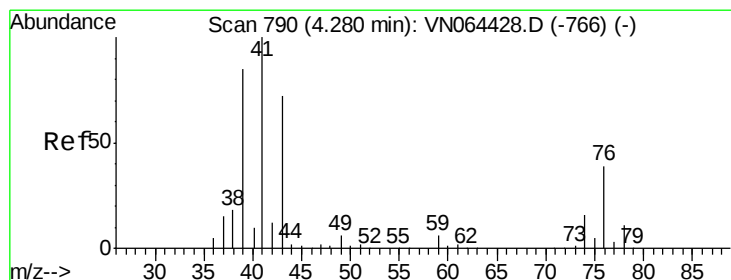
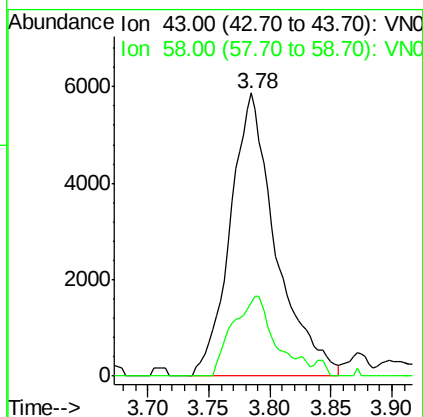
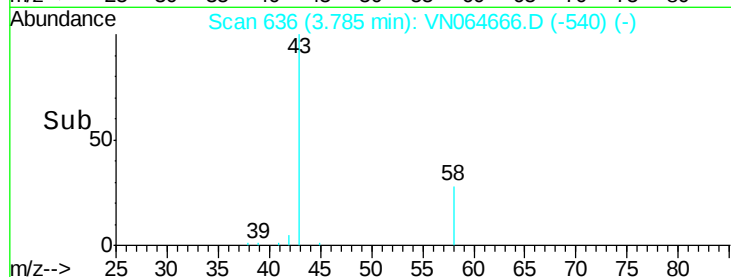
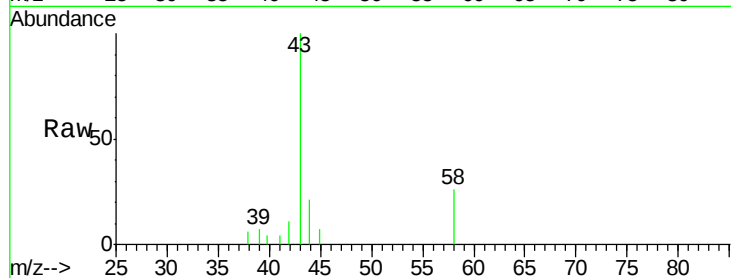
MW-3R

Tot Ion: 43 Resp: 15221

Ion Ratio Lower Upper

43 100

58 25.8 21.4 32.0



#18

Methyl Acetate

Concen: 0.545 ug/l

RT: 4.29 min Scan# 793

Delta R.T. 0.01 min

Lab File: VN064666.D

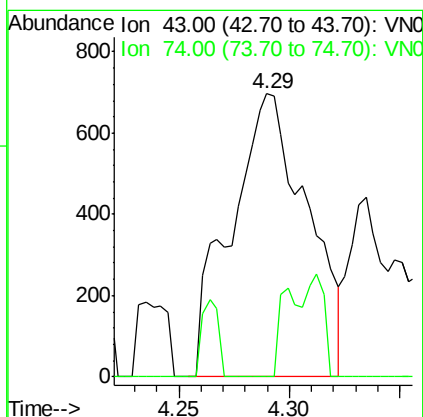
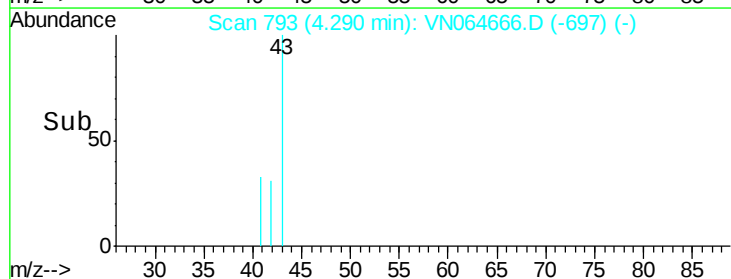
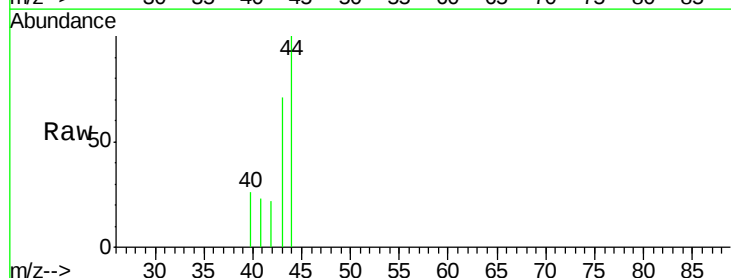
Acq: 16 Nov 2020 17:36

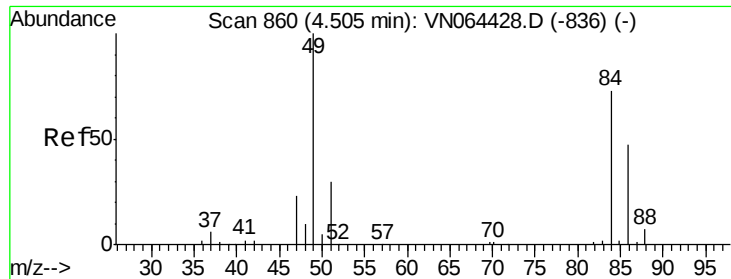
Tgt Ion: 43 Resp: 1674

Ion Ratio Lower Upper

43 100

74 8.9 17.0 25.4#

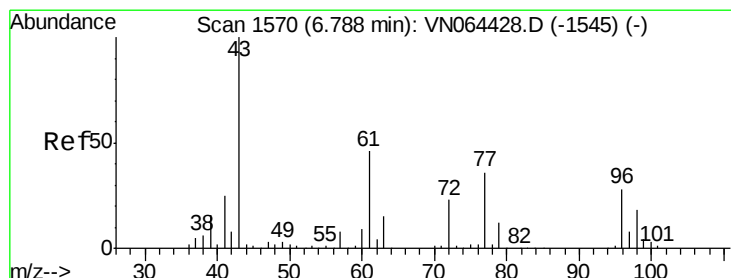
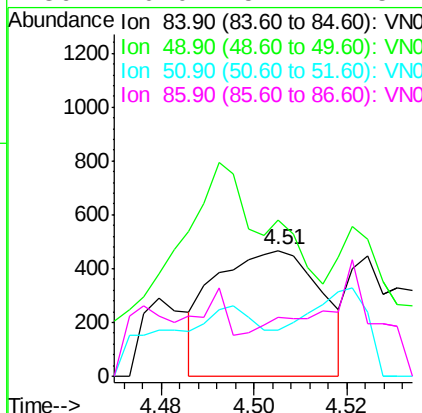
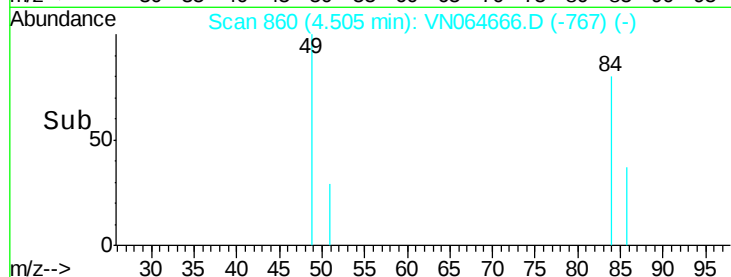
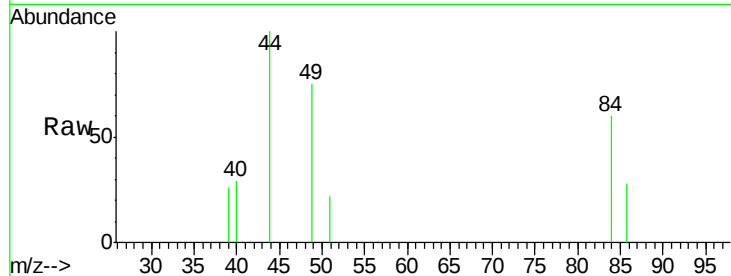




#20
Methvlene Chloride
Concen: 0.240 ug/l
RT: 4.51 min Scan# 860
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

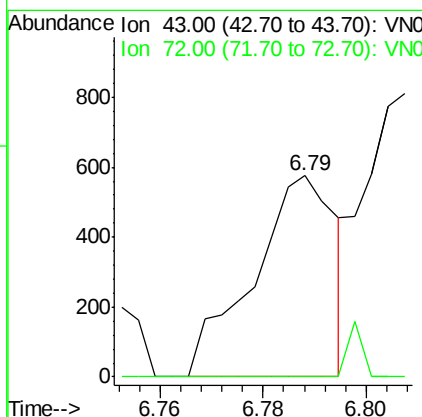
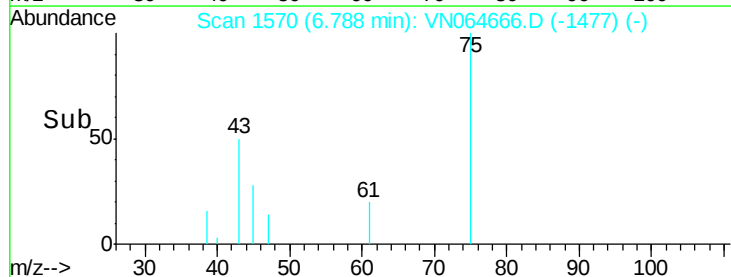
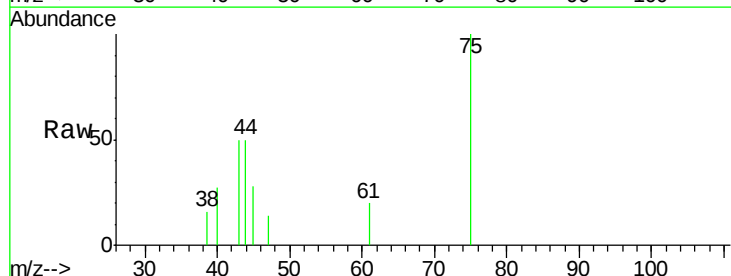
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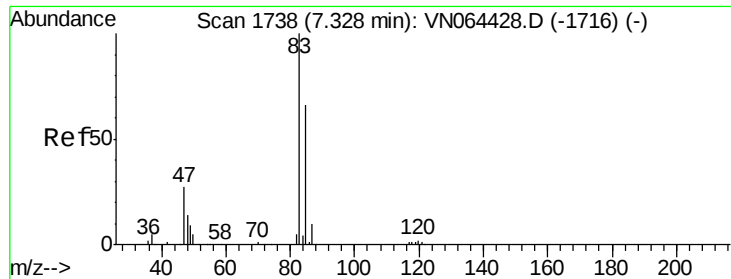
Tot Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 60.9 110.1 165.1#
51 1.3 33.6 50.4#
86 0.0 52.1 78.1#



#25
2-Butanone
Concen: 0.319 ug/l
RT: 6.79 min Scan# 1570
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 43 Resp: 635
Ion Ratio Lower Upper
43 100
72 0.0 18.5 27.7#

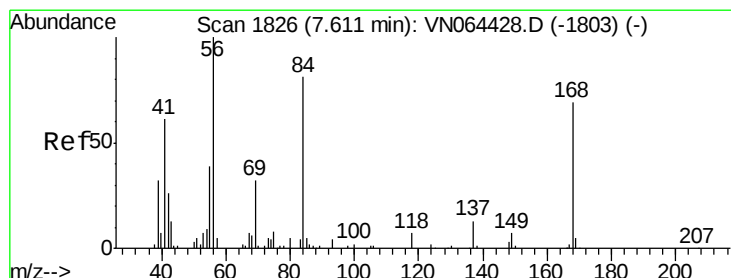
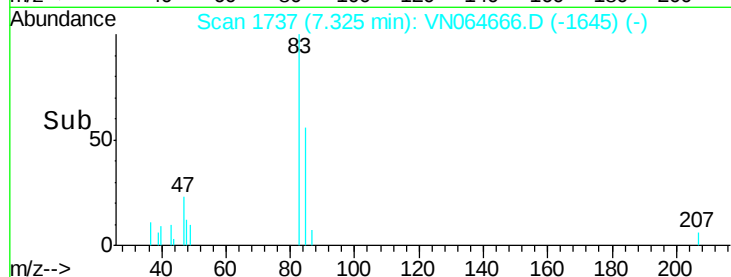
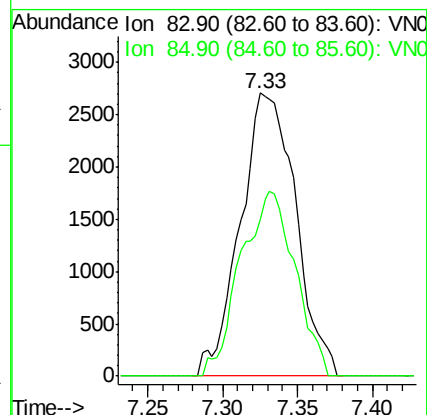
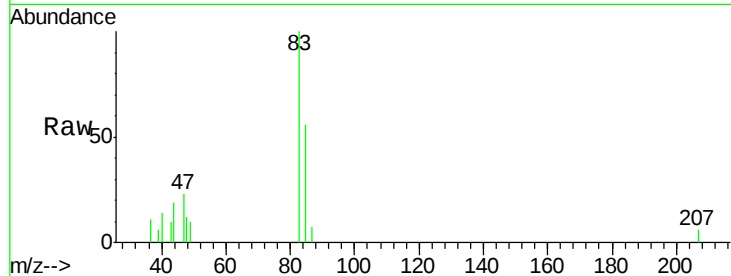




#30
Chloroform
Concen: 1.152 ug/l
RT: 7.33 min Scan# 1737
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

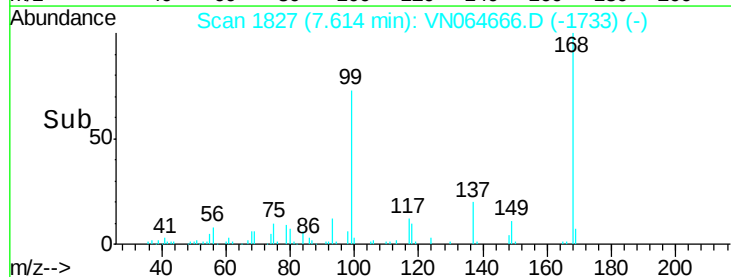
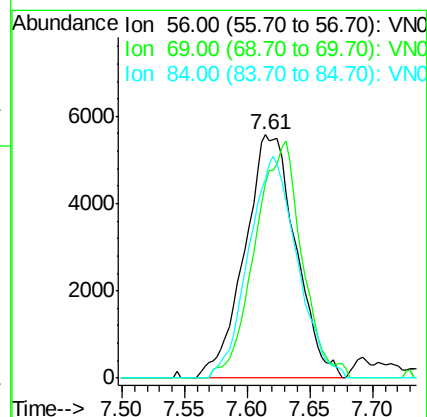
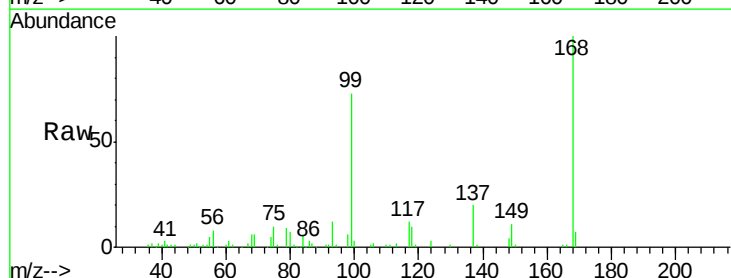
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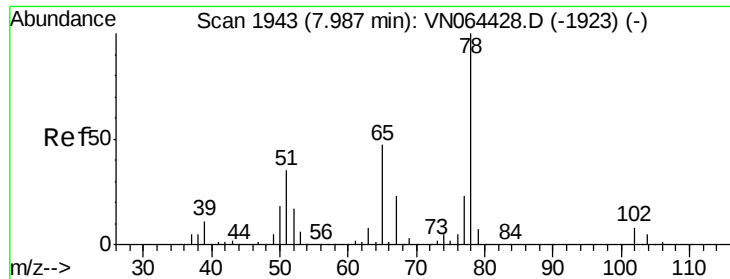
Tot Ion: 83 Resp: 6959
Ion Ratio Lower Upper
83 100
85 55.6 52.5 78.7



#31
Cyclohexane
Concen: 3.170 ug/l
RT: 7.61 min Scan# 1827
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 56 Resp: 15803
Ion Ratio Lower Upper
56 100
69 80.0 25.6 38.4#
84 81.9 63.0 94.6





#33

1,2-Dichloroethane-d4

Concen: 55.535 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

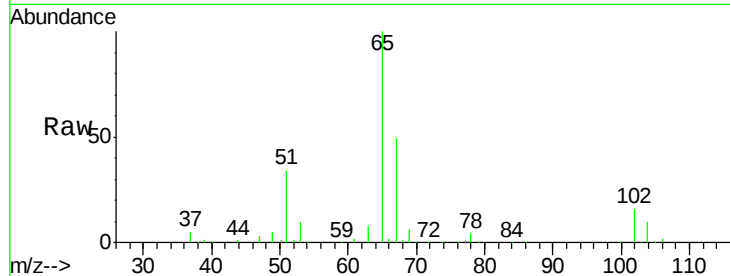
MW-3R

Tot Ion: 65 Resp: 227772

Ion Ratio Lower Upper

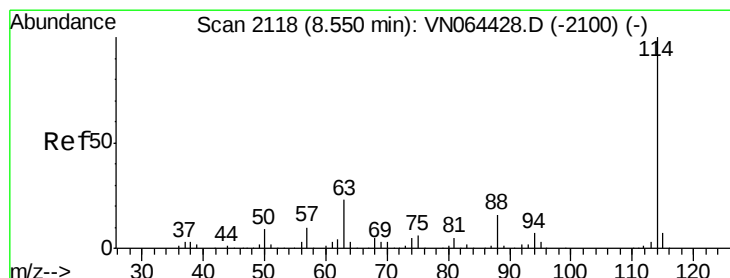
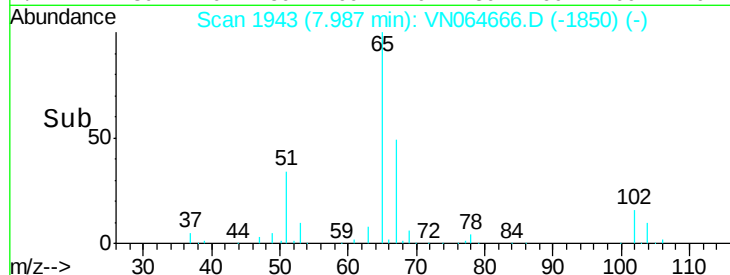
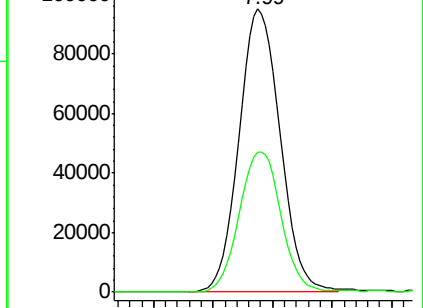
65 100

67 50.2 0.0 101.6



Abundance Ion 64.90 (64.60 to 65.60): VN064428.D (-1923) (-)

Ion 66.90 (66.60 to 67.60): VN064428.D (-1923) (-)



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. -0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

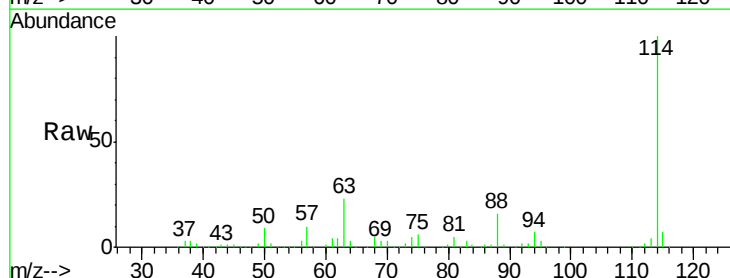
Tgt Ion: 114 Resp: 475474

Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.6

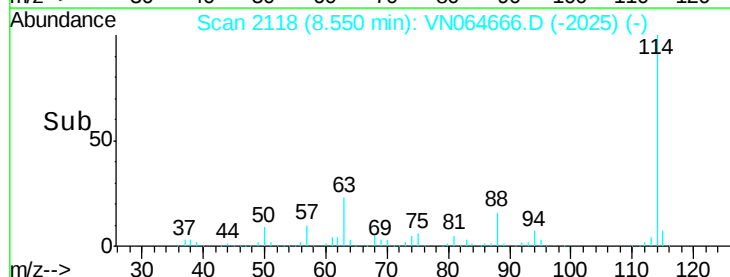
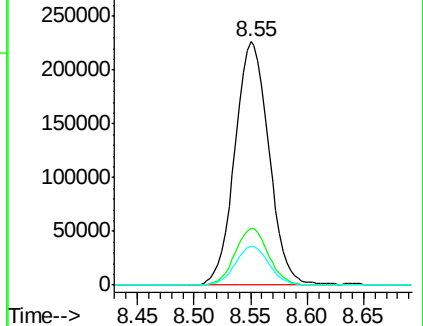
88 15.8 0.0 32.8

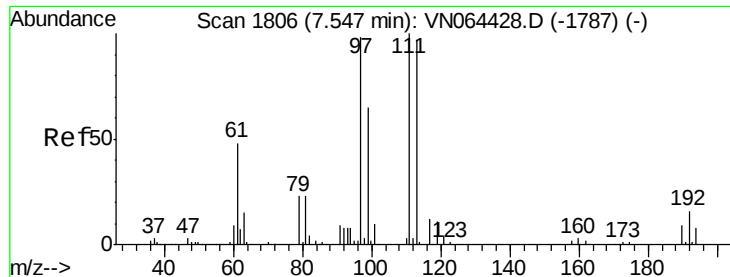


Abundance Ion 113.90 (113.60 to 114.60): VN064428.D (-2100) (-)

Ion 63.00 (62.70 to 63.70): VN064428.D (-2100) (-)

Ion 87.90 (87.60 to 88.60): VN064428.D (-2100) (-)

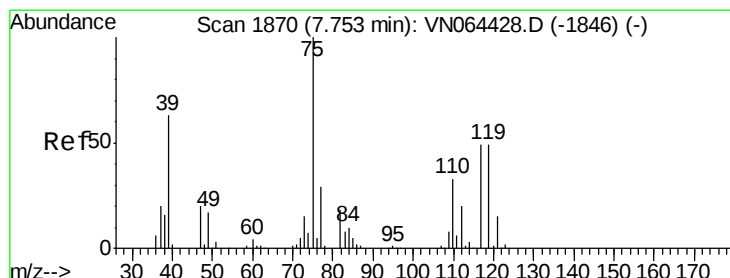
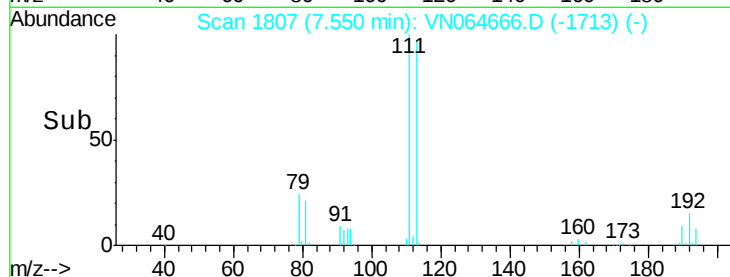
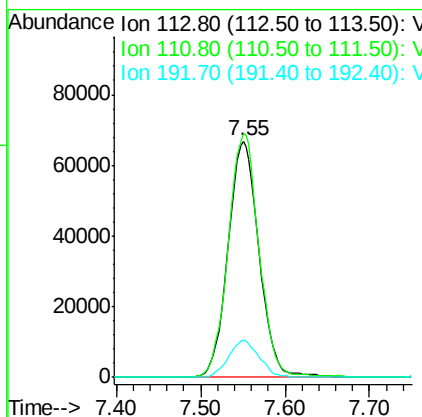
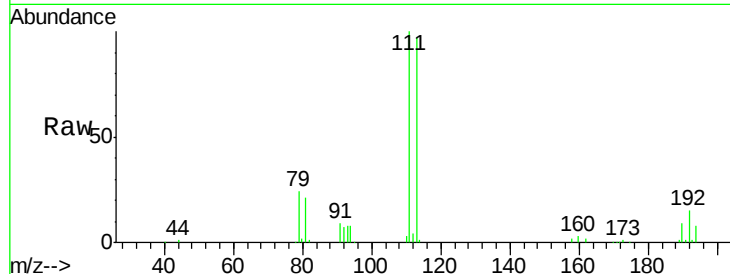




#35
 Dibromofluoromethane
 Concen: 52.724 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

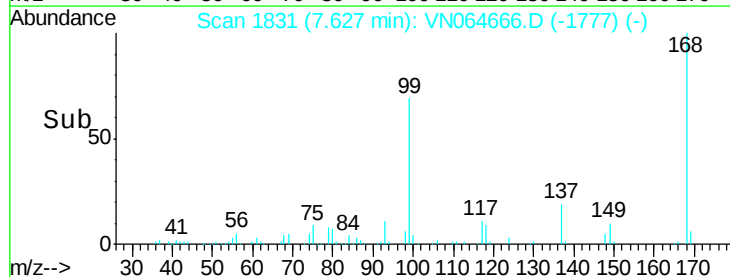
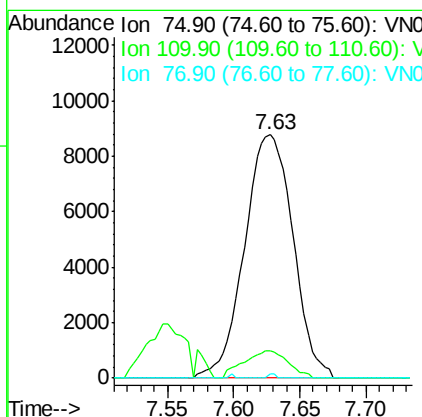
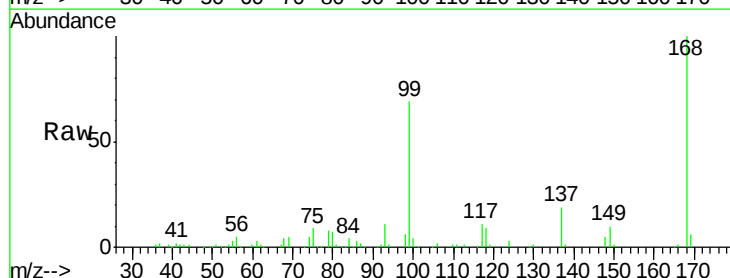
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R

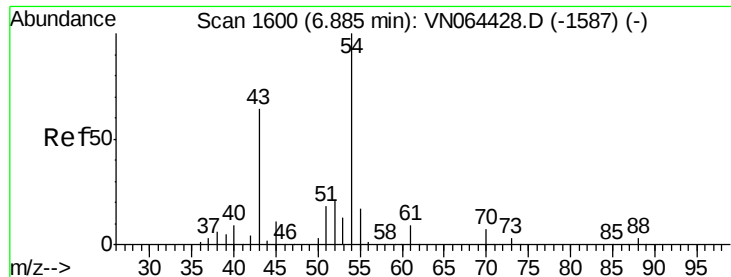
Tot Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.1	121.7
192	15.3	12.8	19.2



#36
 1,1-Dichloropropene
 Concen: 4.440 ug/l
 RT: 7.63 min Scan# 1831
 Delta R.T. -0.13 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.3	16.0	48.0#
77	0.0	24.0	36.0#

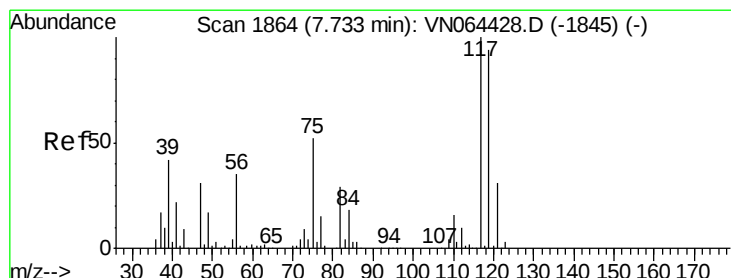
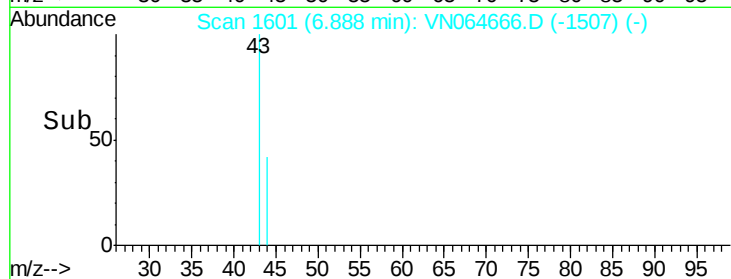
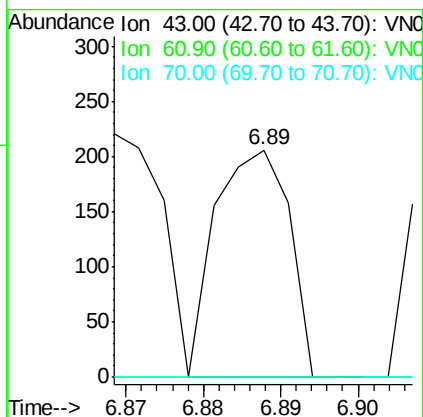
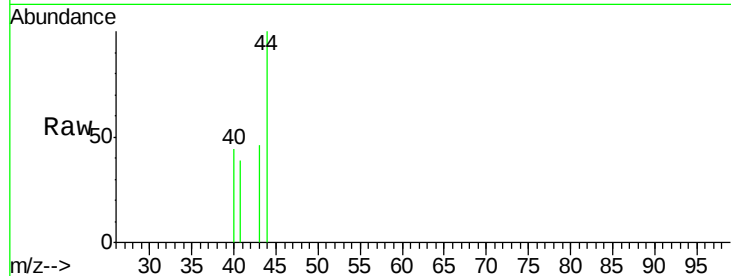




#37
Ethyl Acetate
Concen: 0.789 ug/l
RT: 6.89 min Scan# 1601
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

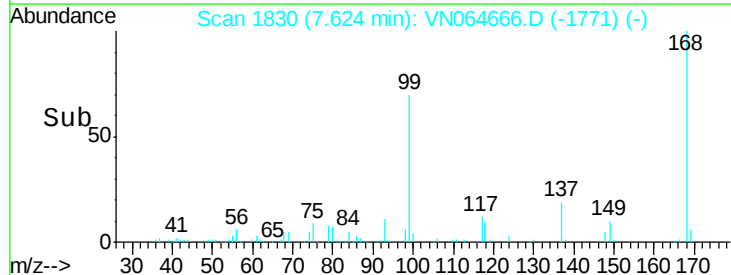
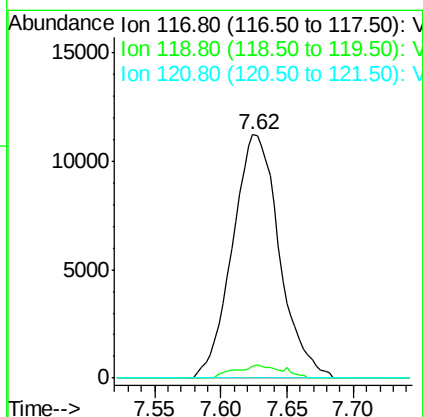
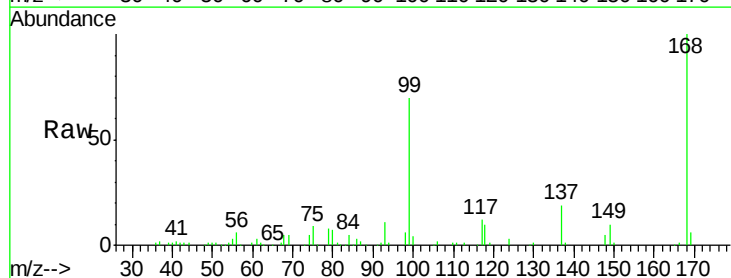
Instrument :
MSVOA_N
ClientSampleId :
MW-3R

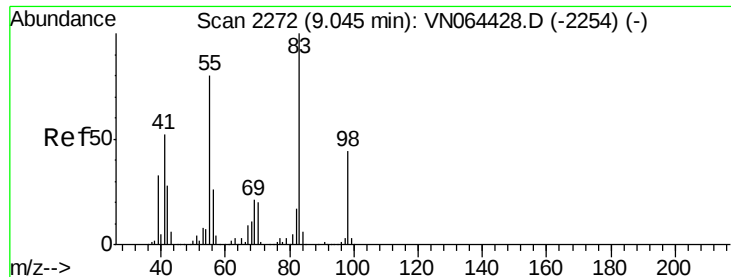
Tot Ion: 43 Resp: 137
Ion Ratio Lower Upper
43 100
61 0.0 10.0 15.0#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.142 ug/l
RT: 7.62 min Scan# 1830
Delta R.T. -0.11 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 117 Resp: 27603
Ion Ratio Lower Upper
117 100
119 5.1 75.5 113.3#
121 0.0 24.4 36.6#

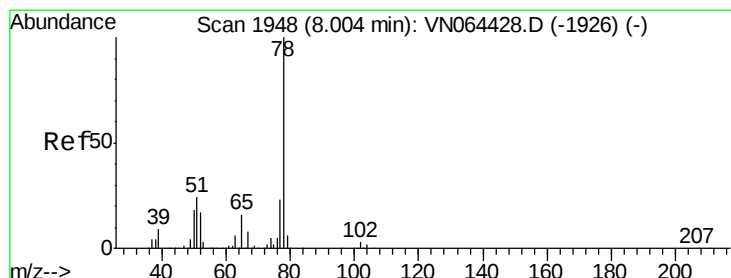
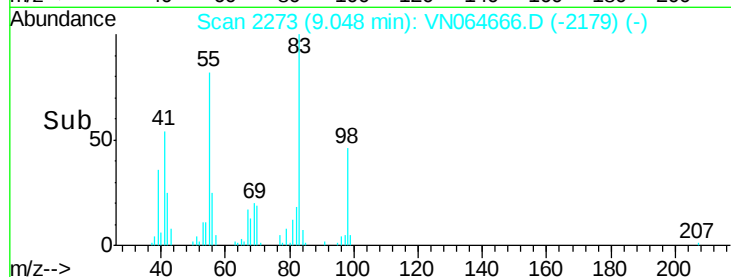
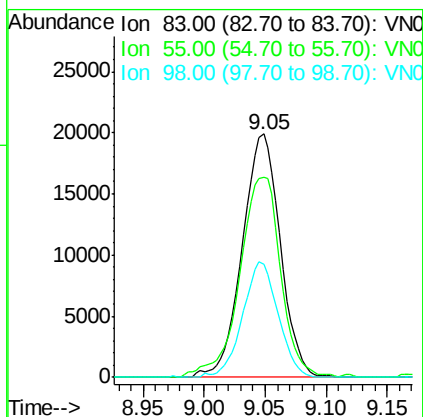
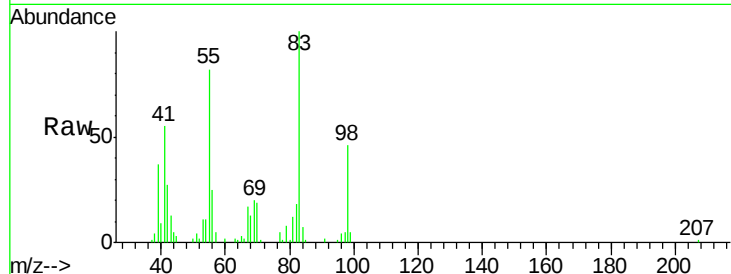




#39
Methvlcvclohexane
Concen: 9.501 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

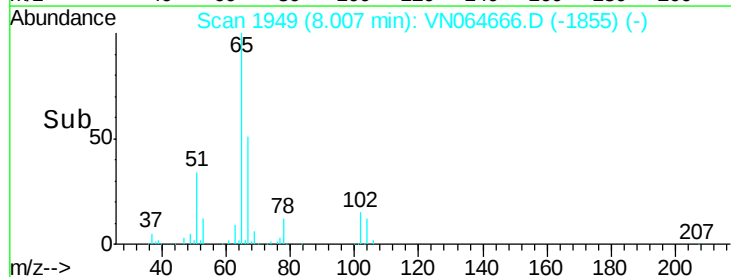
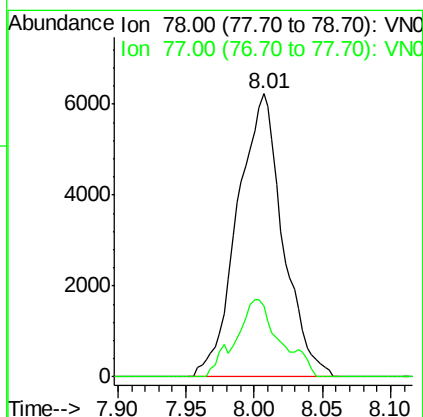
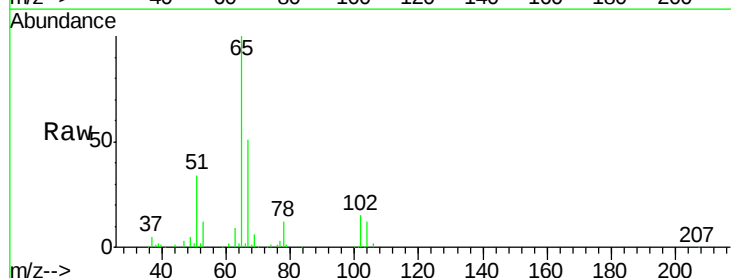
Instrument :
MSVOA_N
ClientSampled :
MW-3R

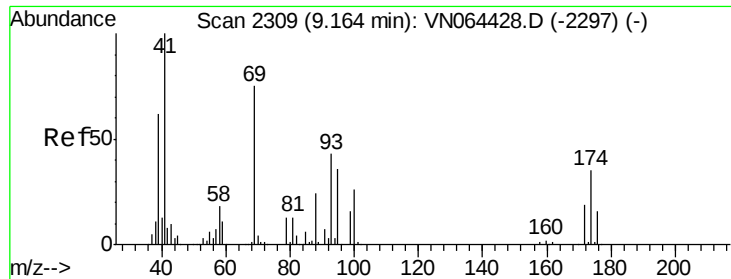
Tot Ion: 83 Resp: 42781
Ion Ratio Lower Upper
83 100
55 82.4 63.8 95.6
98 46.3 35.4 53.2



#40
Benzene
Concen: 0.979 ug/l
RT: 8.01 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 78 Resp: 14451
Ion Ratio Lower Upper
78 100
77 24.9 18.7 28.1

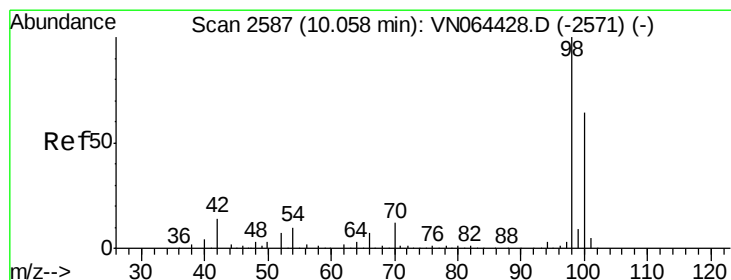
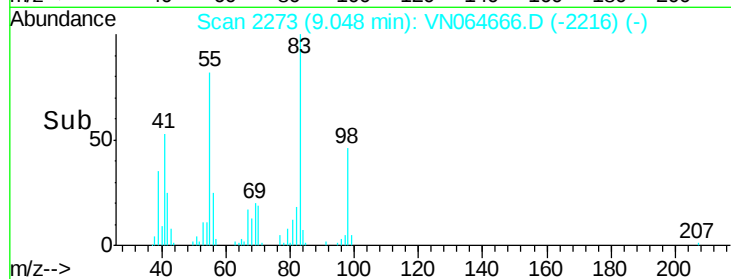
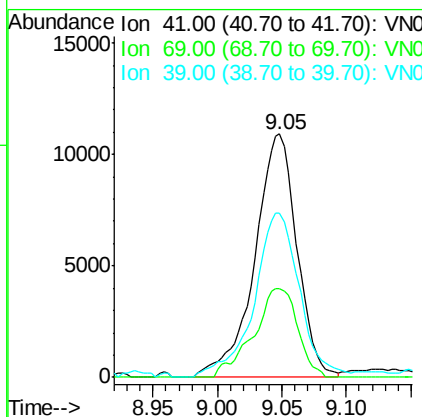
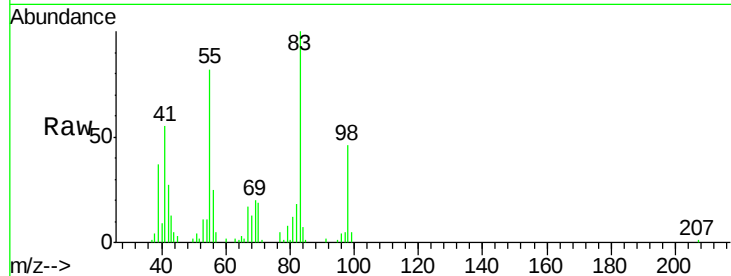




#48
Methvl methacrylate
Concen: 6.072 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. -0.12 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

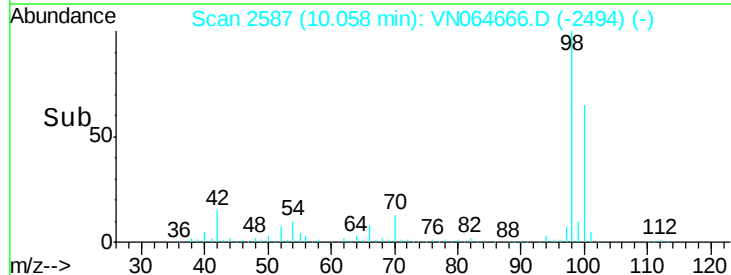
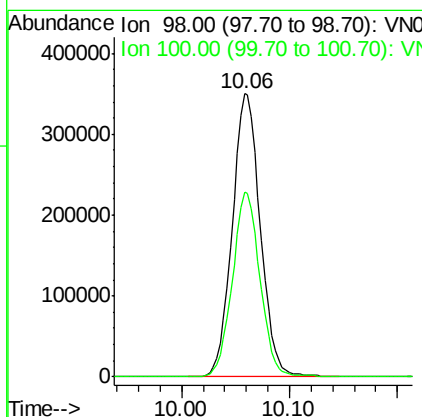
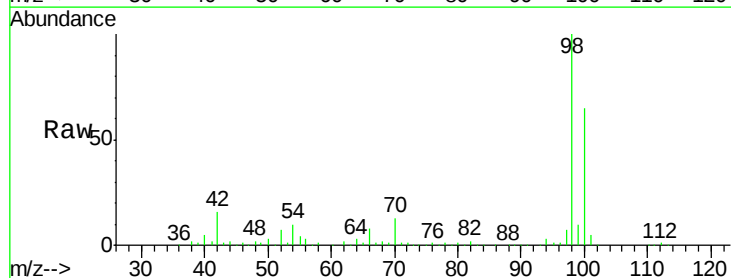
Instrument :
MSVOA_N
ClientSampled :
MW-3R

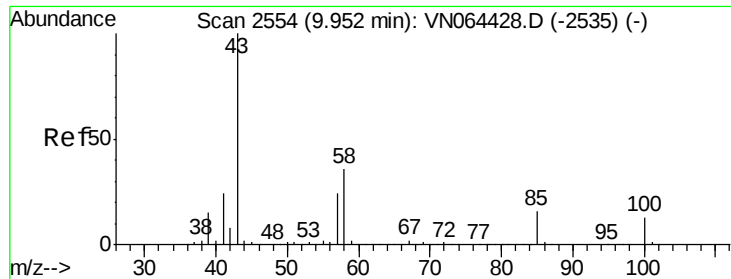
Tot Ion: 41 Resp: 24943
Ion Ratio Lower Upper
41 100
69 38.1 60.4 90.6#
39 72.6 51.2 76.8



#50
Toluene-d8
Concen: 50.731 ug/l
RT: 10.06 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 98 Resp: 634759
Ion Ratio Lower Upper
98 100
100 64.2 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.397 ug/l

RT: 9.96 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampled :

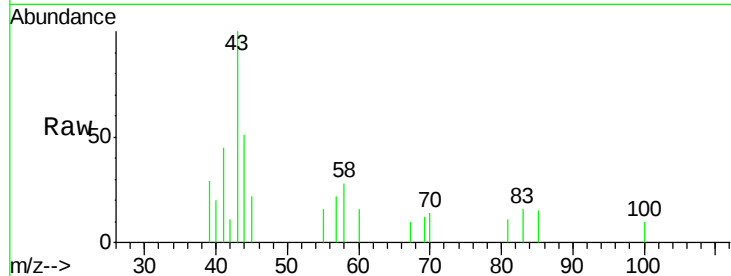
MW-3R

Tot Ion: 43 Resp: 1883

Ion Ratio Lower Upper

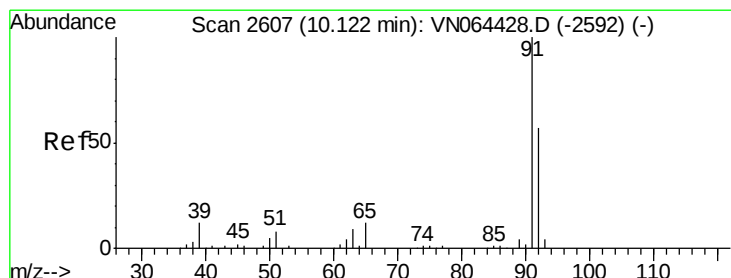
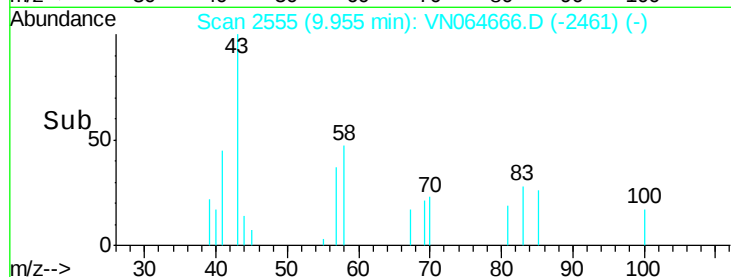
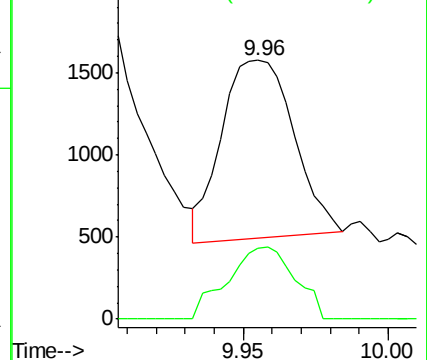
43 100

58 37.8 28.4 42.6



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0



#52

Toluene

Concen: 0.446 ug/l

RT: 10.12 min Scan# 2606

Delta R.T. -0.00 min

Lab File: VN064666.D

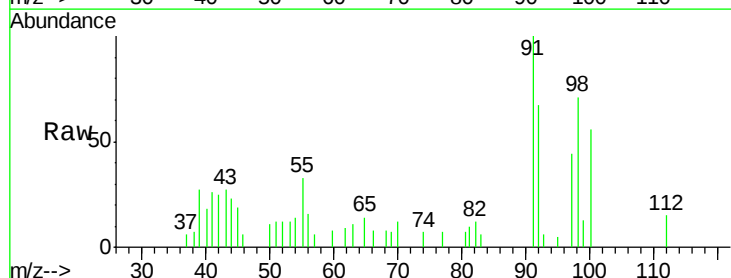
Acq: 16 Nov 2020 17:36

Tgt Ion: 92 Resp: 4016

Ion Ratio Lower Upper

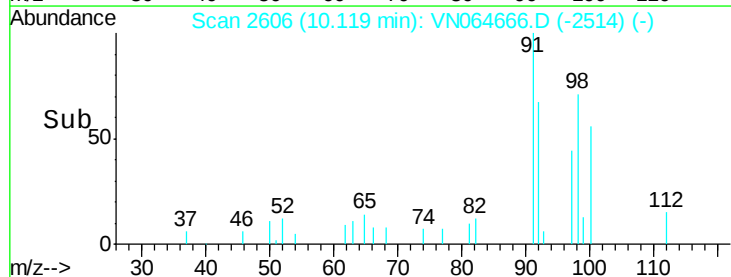
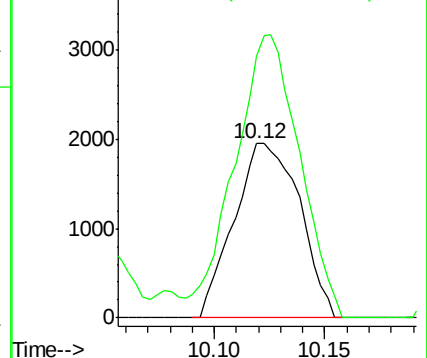
92 100

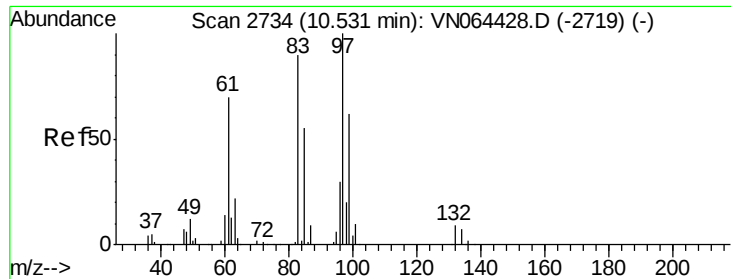
91 161.1 139.6 209.4



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

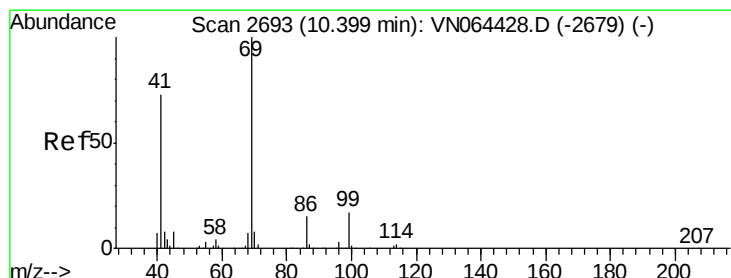
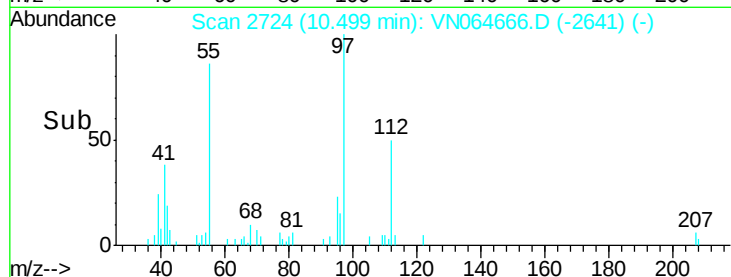
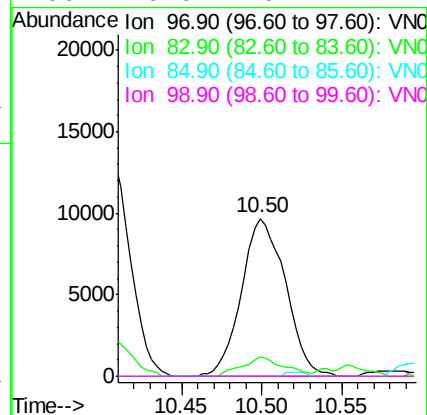
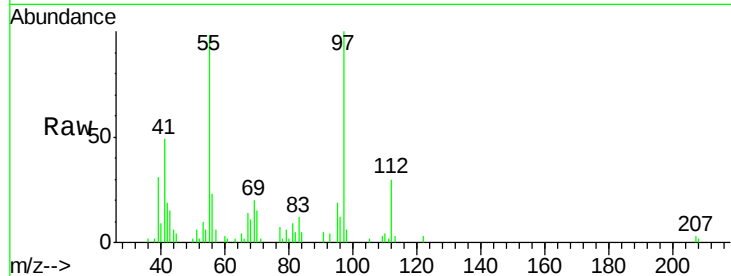




#55
 1,1,2-Trichloroethane
 Concen: 5.184 ug/l
 RT: 10.50 min Scan# 2724
 Delta R.T. -0.03 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

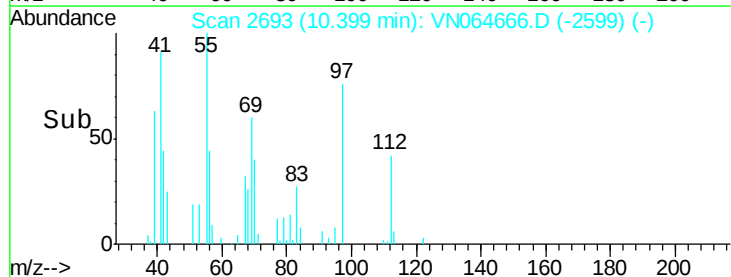
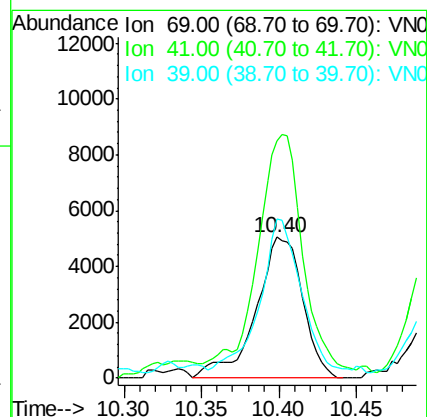
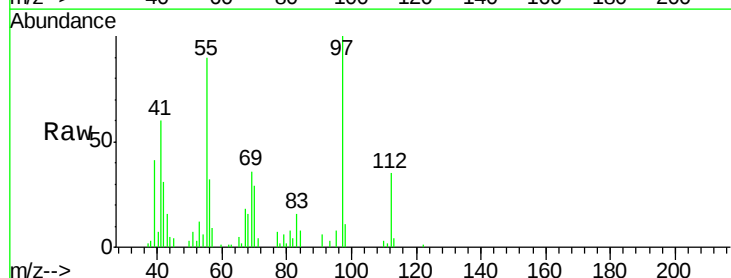
Instrument :
 MSVOA_N
 ClientSampleId :
 MW-3R

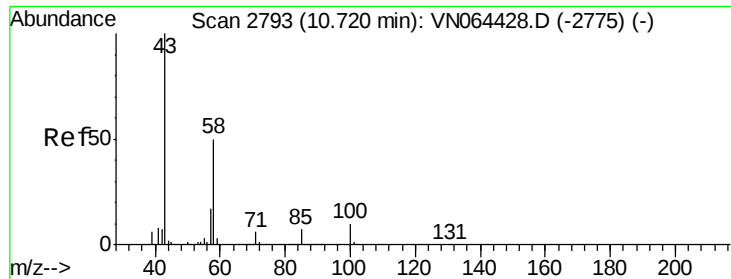
Tot Ion: 97 Resp: 18201
 Ion Ratio Lower Upper
 97 100
 83 12.1 71.7 107.5#
 85 0.0 44.3 66.5#
 99 0.0 49.4 74.2#



#56
 Ethyl methacrylate
 Concen: 3.614 ug/l
 RT: 10.40 min Scan# 2693
 Delta R.T. 0.00 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Tgt Ion: 69 Resp: 10632
 Ion Ratio Lower Upper
 69 100
 41 157.2 59.3 88.9#
 39 92.6 35.4 53.0#

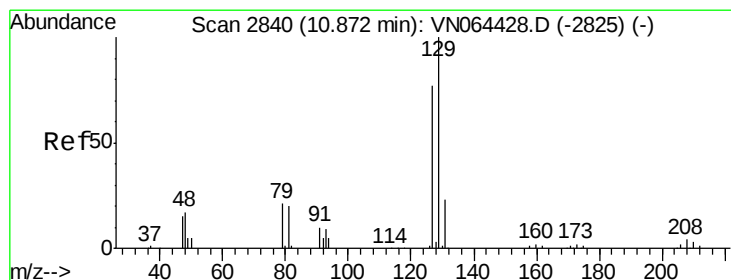
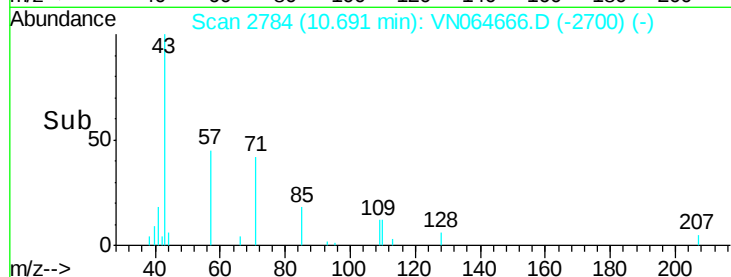
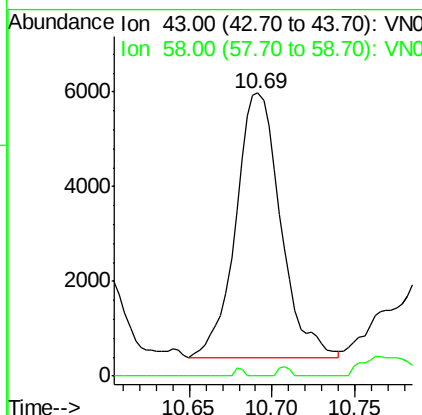
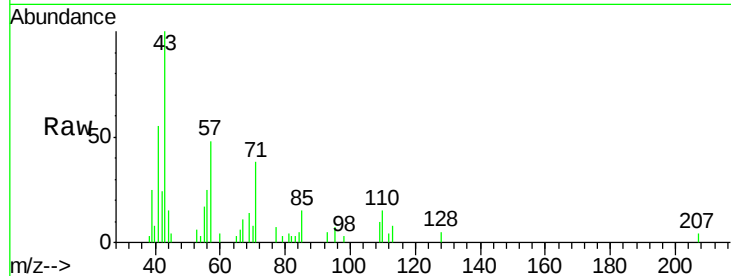




#59
2-Hexanone
Concen: 6.706 ug/l
RT: 10.69 min Scan# 2784
Delta R.T. -0.03 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

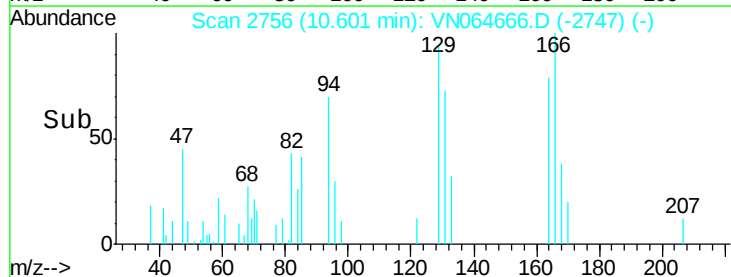
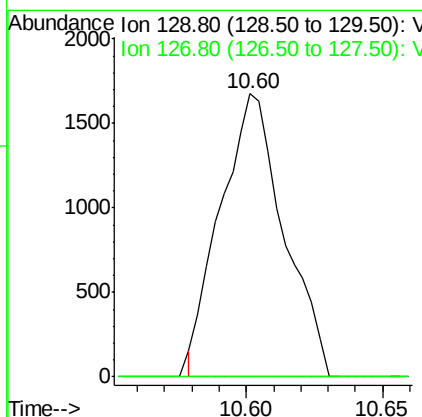
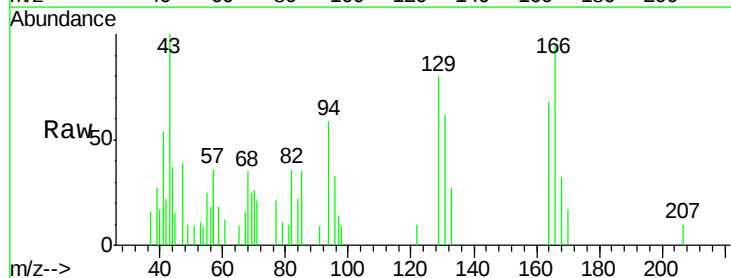
Instrument :
MSVOA_N
ClientSampled :
MW-3R

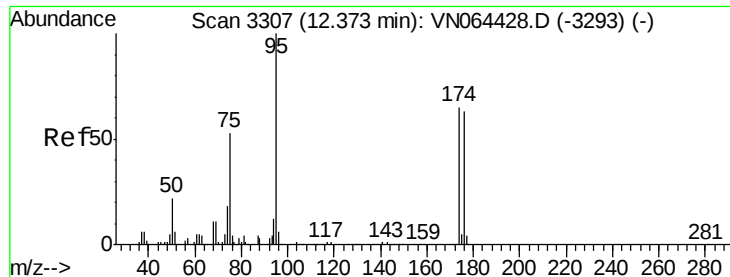
Tot Ion: 43 Resp: 10535
Ion Ratio Lower Upper
43 100
58 0.6 24.7 74.1#



#60
Dibromochloromethane
Concen: 0.687 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. -0.27 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 129 Resp: 2701
Ion Ratio Lower Upper
129 100
127 0.0 38.9 116.7#





#62

4-Bromofluorobenzene

Concen: 63.376 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3R

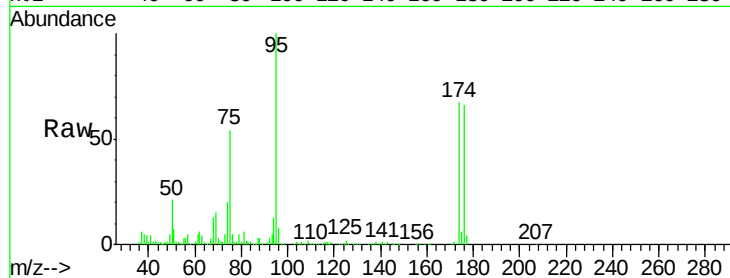
Tot Ion: 95 Resp: 299896

Ion Ratio Lower Upper

95 100

174 68.5 0.0 132.6

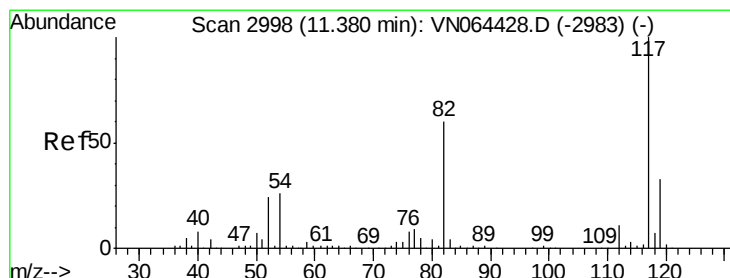
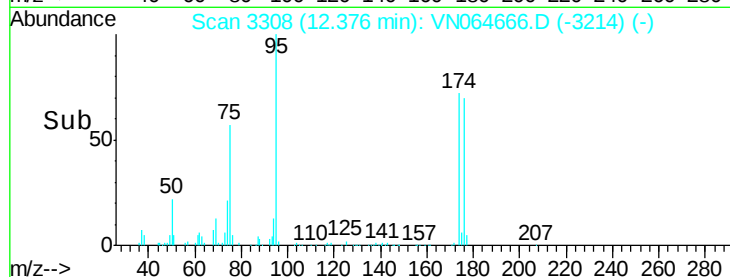
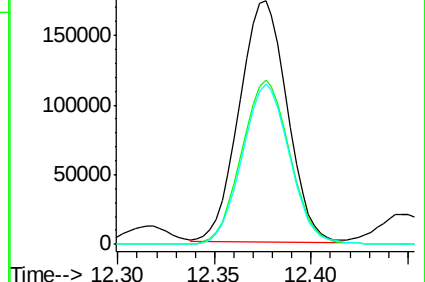
176 65.7 0.0 129.2



Abundance Ion 94.90 (94.60 to 95.60): VN064428.D (-3293) (-)

Ion 173.80 (173.50 to 174.50): VN064428.D (-3293) (-)

Ion 175.80 (175.50 to 176.50): VN064428.D (-3293) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.38 min Scan# 2998

Delta R.T. -0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

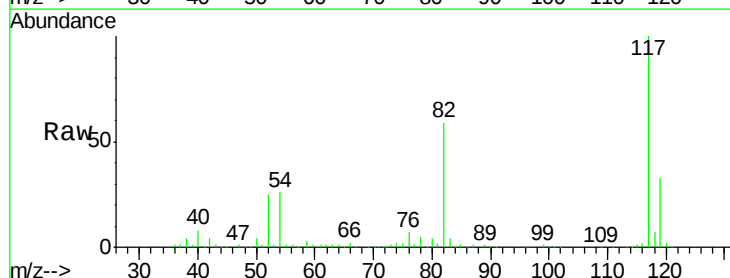
Tgt Ion: 117 Resp: 526476

Ion Ratio Lower Upper

117 100

82 59.1 48.1 72.1

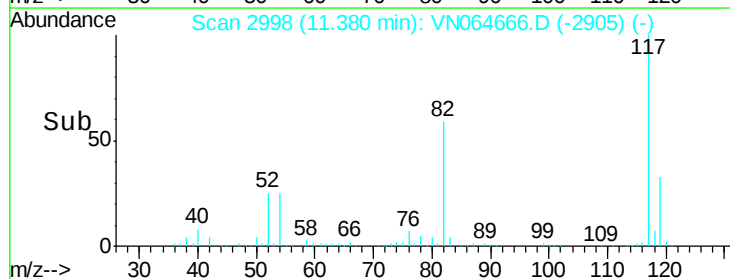
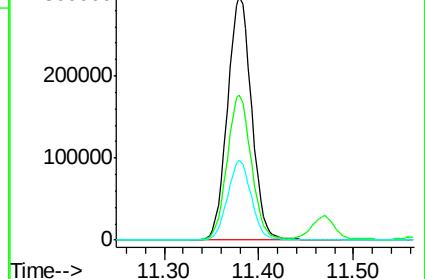
119 32.7 26.2 39.4

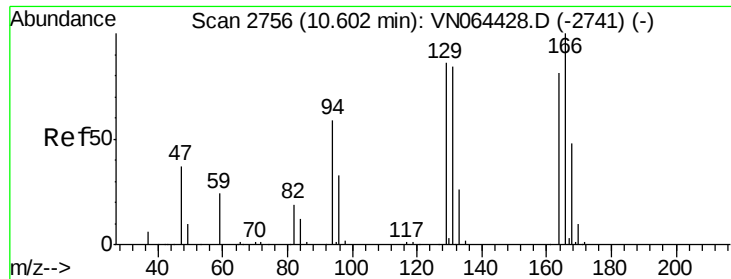


Abundance Ion 116.90 (116.60 to 117.60): VN064428.D (-2983) (-)

Ion 82.00 (81.70 to 82.70): VN064428.D (-2983) (-)

Ion 118.90 (118.60 to 119.60): VN064428.D (-2983) (-)





#64

Tetrachloroethene

Concen: 0.580 ug/l

RT: 10.60 min Scan# 2756

Delta R.T. -0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3R

Tot Ion:164 Resp: 2353

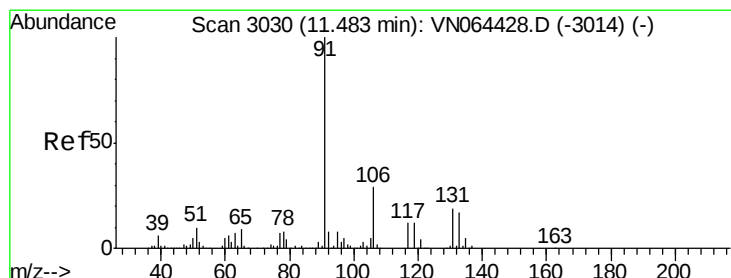
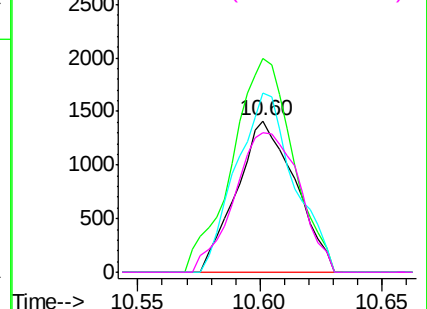
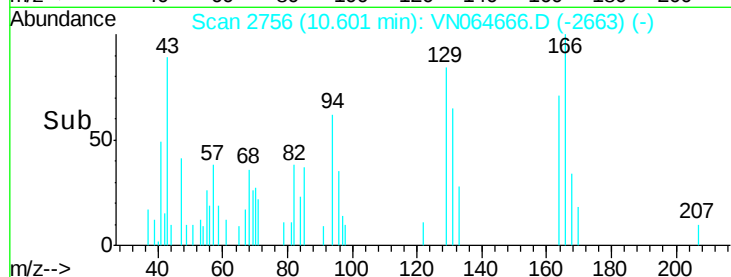
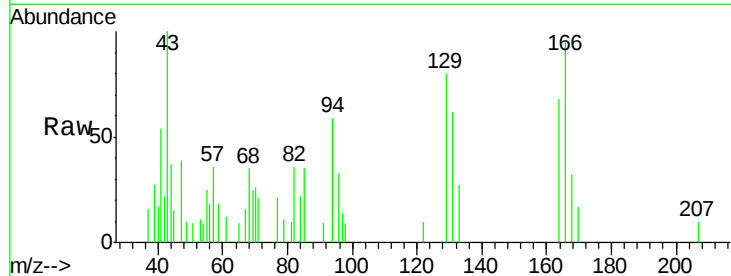
Ion Ratio Lower Upper

164 100

166 141.1 98.2 147.2

129 118.6 84.6 127.0

131 92.3 82.2 123.2



#67

Ethyl Benzene

Concen: 58.985 ug/l

RT: 11.48 min Scan# 3030

Delta R.T. -0.00 min

Lab File: VN064666.D

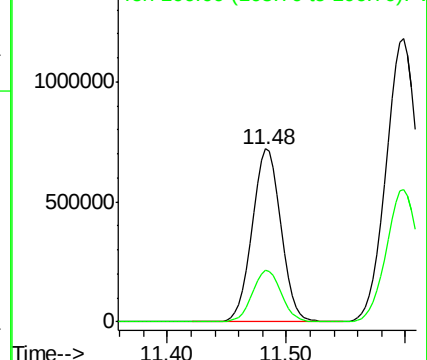
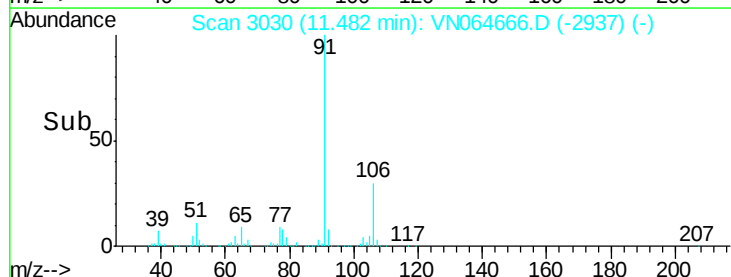
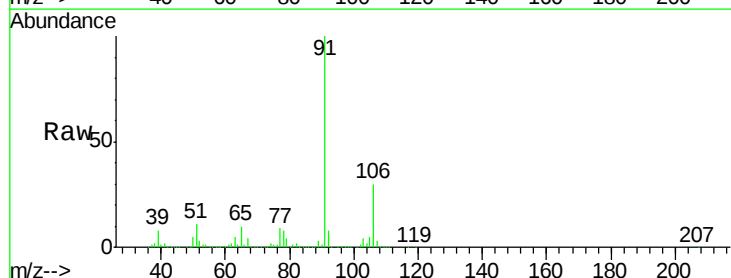
Acq: 16 Nov 2020 17:36

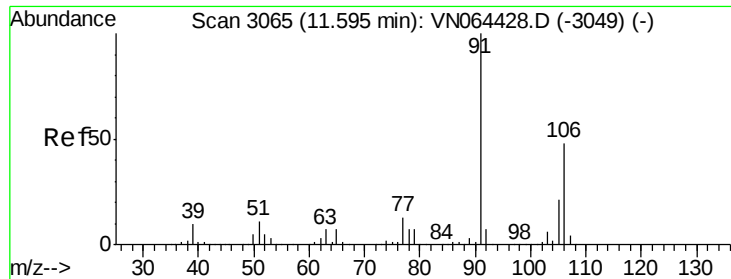
Tgt Ion: 91 Resp: 1210924

Ion Ratio Lower Upper

91 100

106 30.1 23.6 35.4

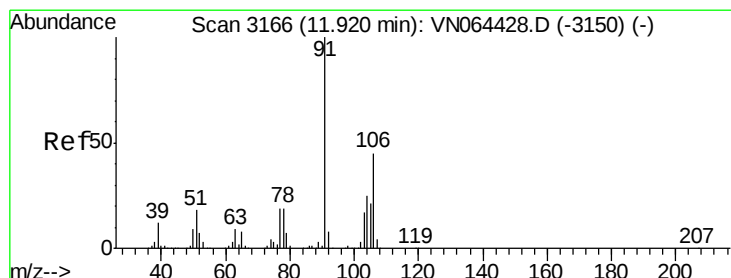
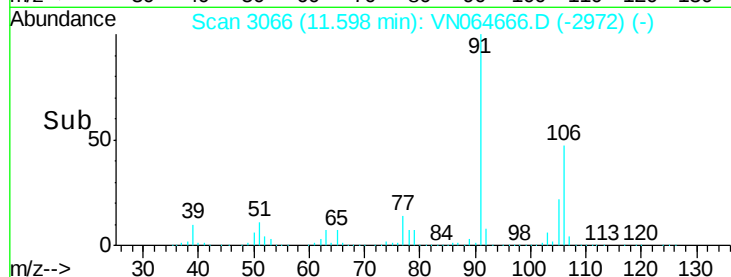
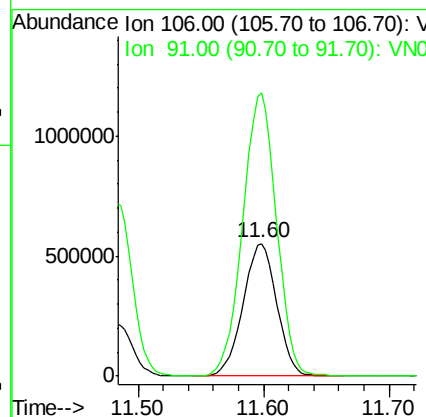
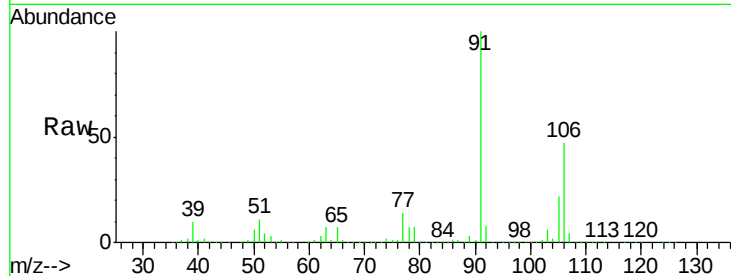




#68
m/p-Xylenes
Concen: 138.028 ug/l
RT: 11.60 min Scan# 3066
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

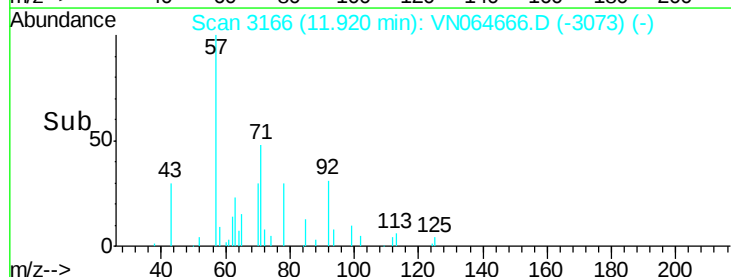
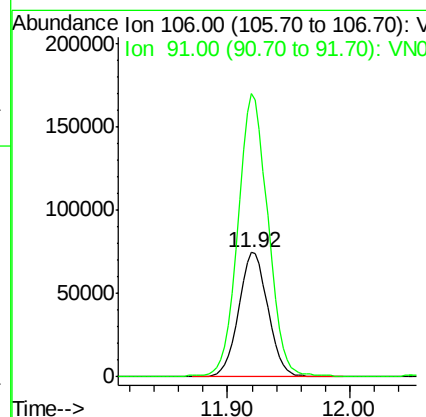
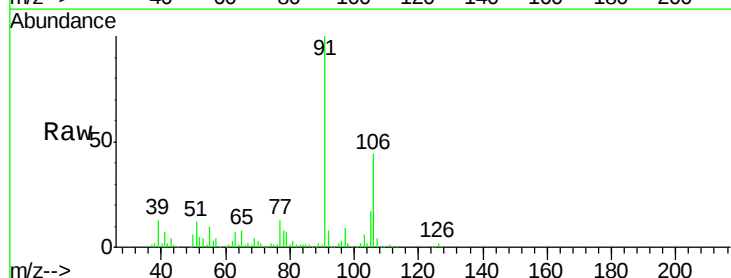
Instrument :
MSVOA_N
ClientSampled :
MW-3R

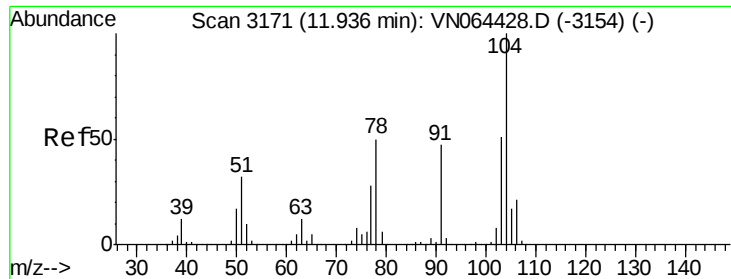
Tot Ion:106 Resp: 1027644
Ion Ratio Lower Upper
106 100
91 214.1 169.4 254.2



#69
o-Xylene
Concen: 17.325 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion:106 Resp: 124644
Ion Ratio Lower Upper
106 100
91 230.2 111.7 334.9

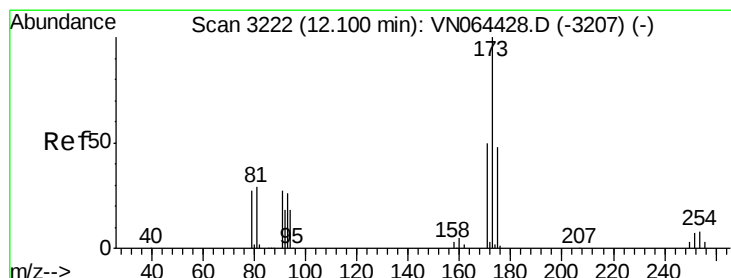
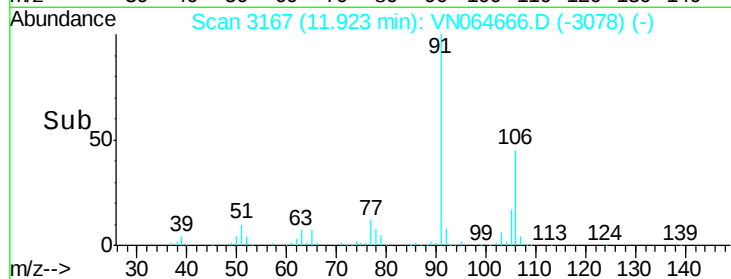
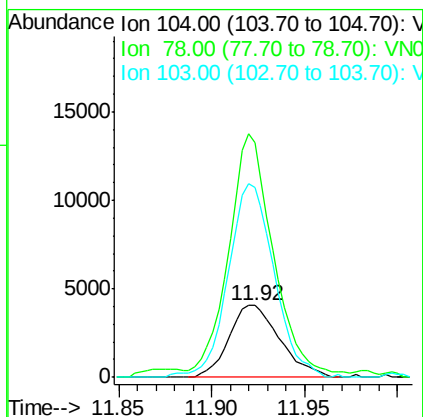
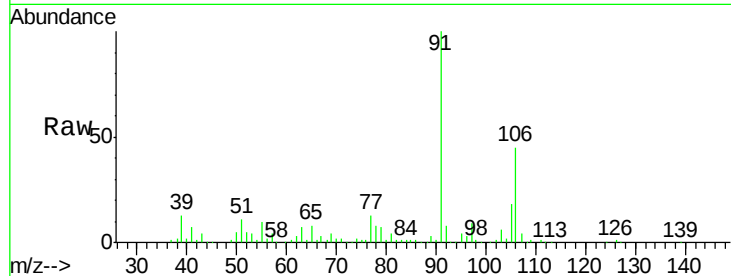




#70
Stvrene
Concen: 0.635 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. -0.01 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

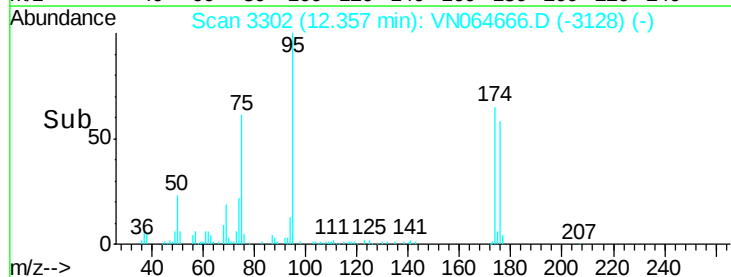
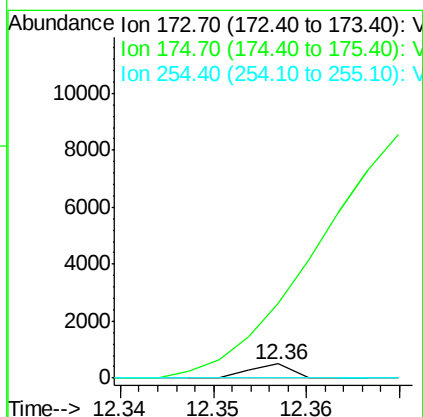
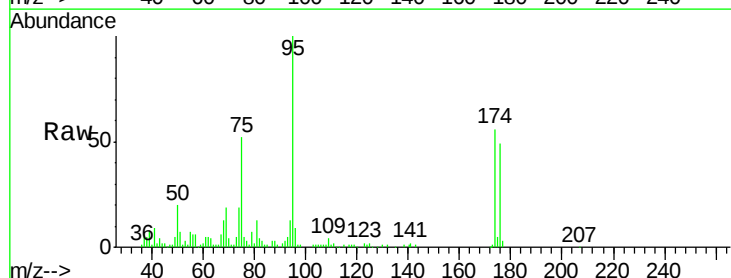
Instrument :
MSVOA_N
ClientSampled :
MW-3R

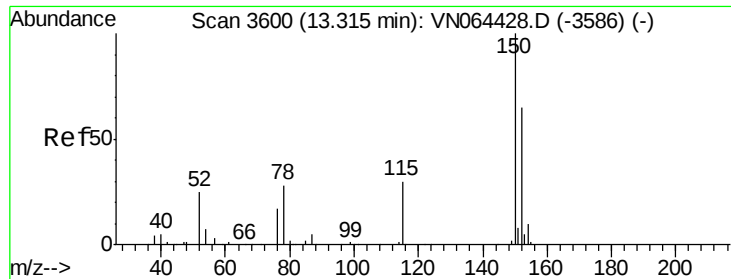
Tot Ion:104 Resp: 7692
Ion Ratio Lower Upper
104 100
78 282.8 44.0 66.0#
103 244.1 43.8 65.6#



#71
Bromoform
Concen: 1.321 ug/l
RT: 12.36 min Scan# 3302
Delta R.T. 0.26 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion:173 Resp: 151
Ion Ratio Lower Upper
173 100
175 9625.8 23.7 71.1#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3601

Delta R.T. 0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3R

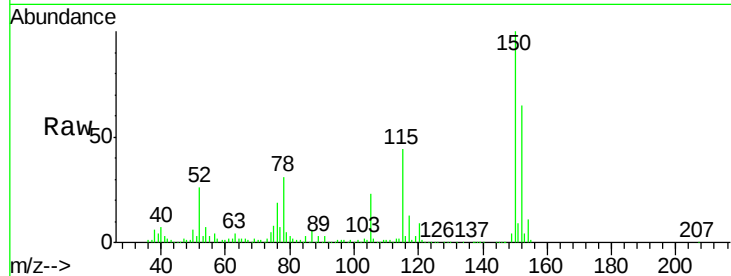
Tot Ion:152 Resp: 294920

Ion Ratio Lower Upper

152 100

115 65.1 32.0 96.0

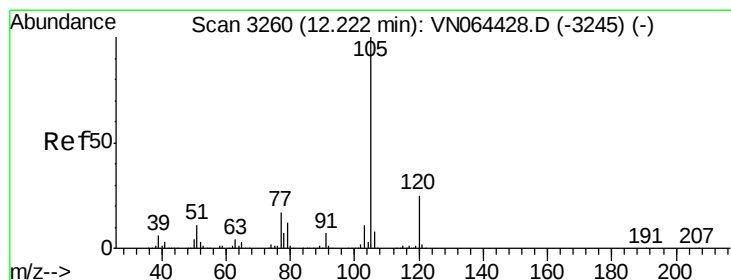
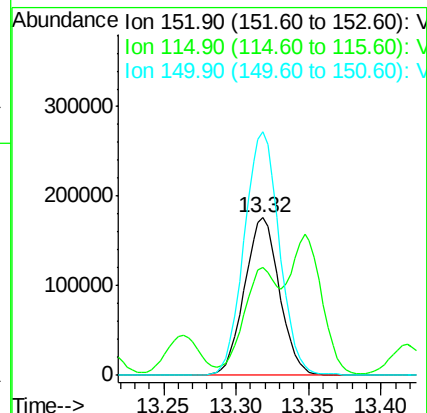
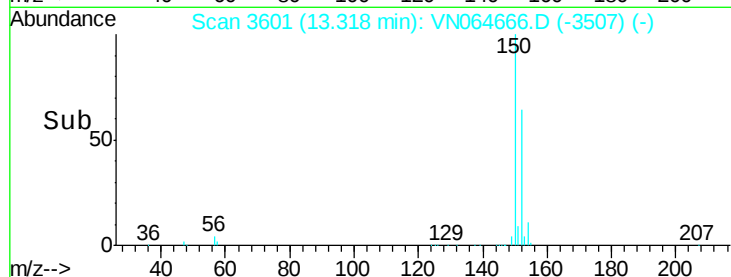
150 156.3 0.0 353.8



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: 139.343 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. -0.00 min

Lab File: VN064666.D

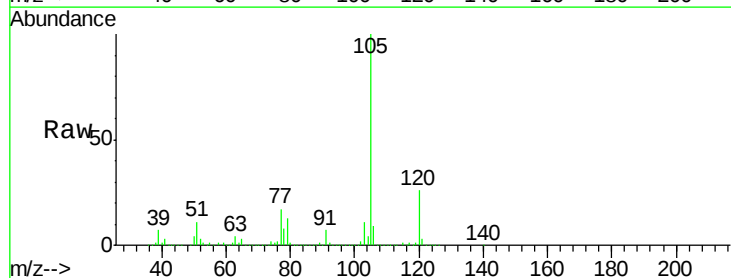
Acq: 16 Nov 2020 17:36

Tgt Ion:105 Resp: 3266364

Ion Ratio Lower Upper

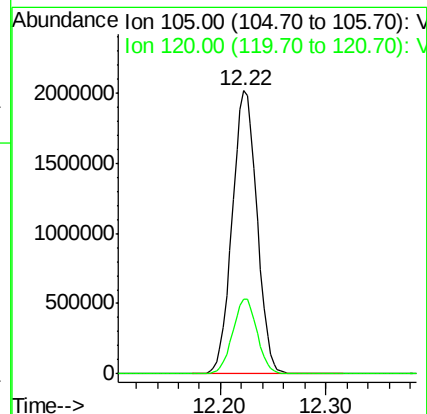
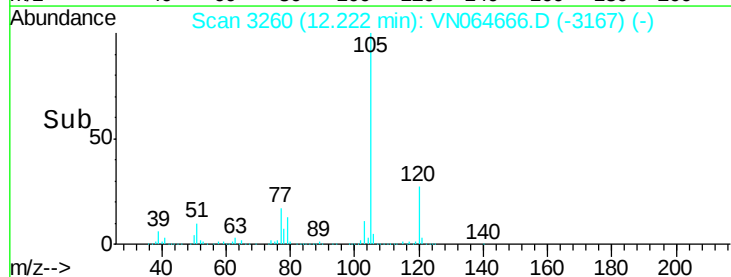
105 100

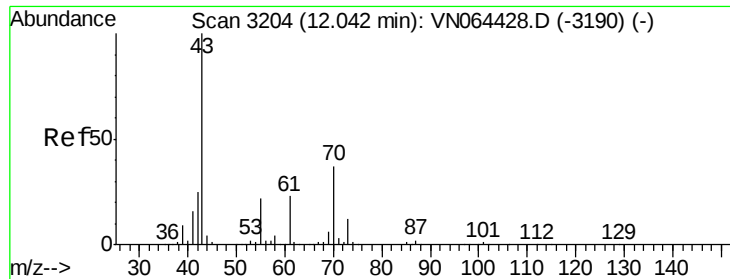
120 26.1 12.8 38.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#74

N-amvl acetate

Concen: 3.228 ug/l

RT: 12.02 min Scan# 3197

Delta R.T. -0.02 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3R

Tot Ion: 43 Resp: 23466

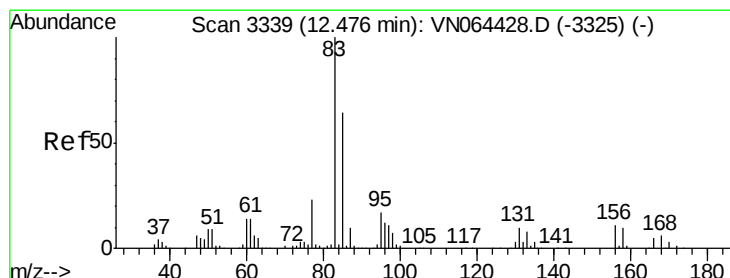
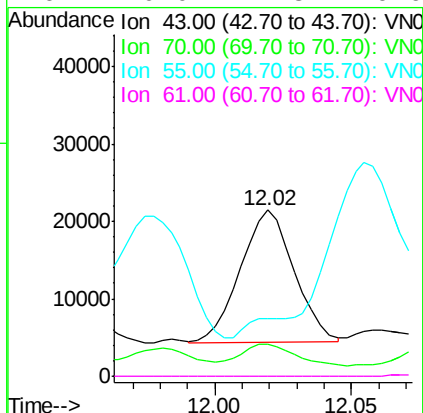
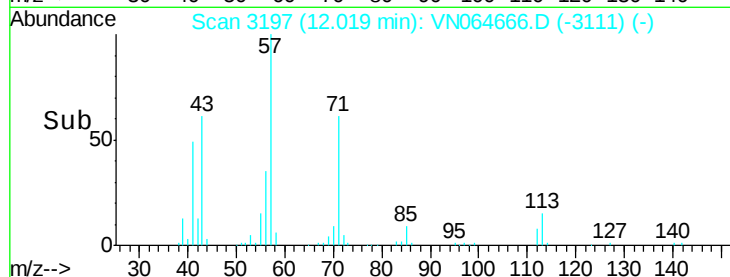
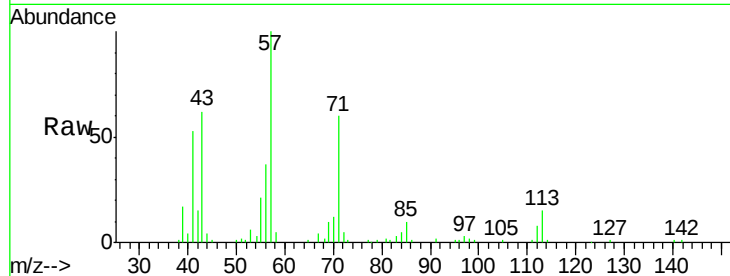
Ion Ratio Lower Upper

43 100

70 15.8 29.6 44.4#

55 0.0 18.4 27.6#

61 0.0 17.8 26.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.224 ug/l

RT: 12.45 min Scan# 3331

Delta R.T. -0.03 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

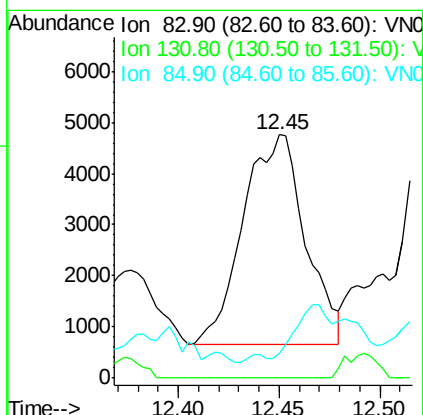
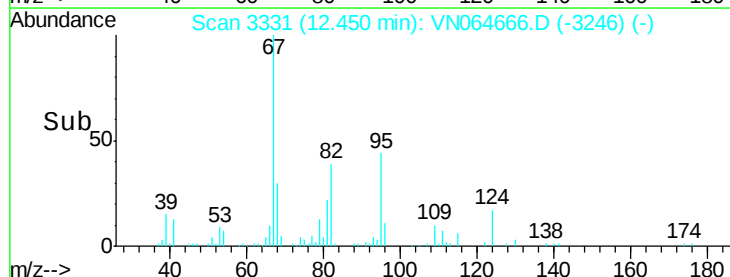
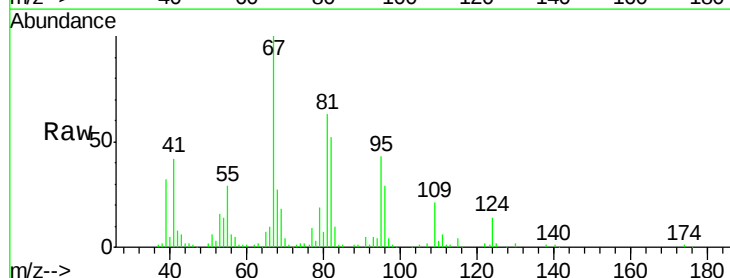
Tgt Ion: 83 Resp: 8813

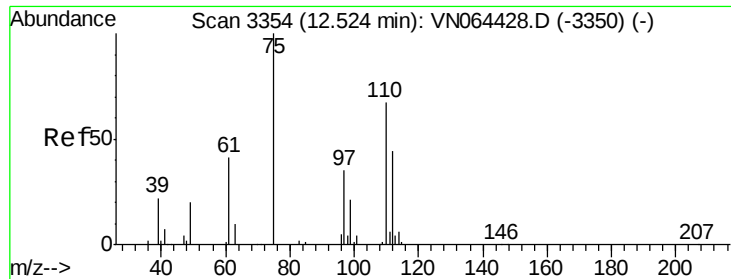
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 14.9 32.1 96.5#

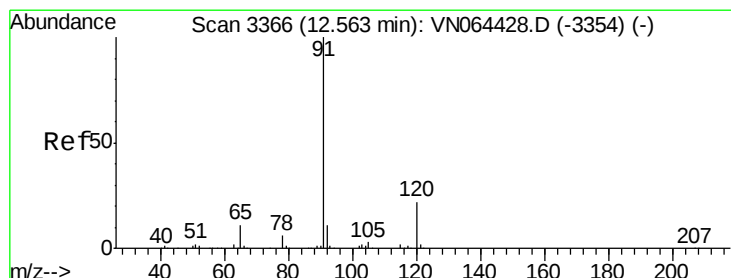
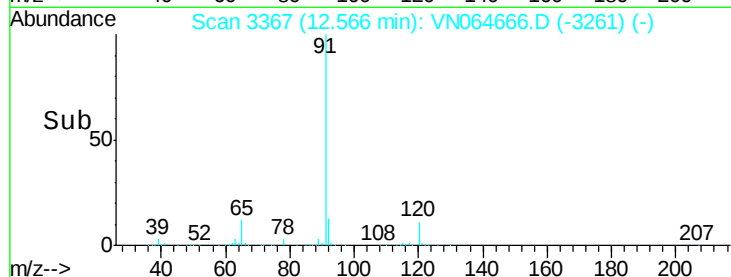
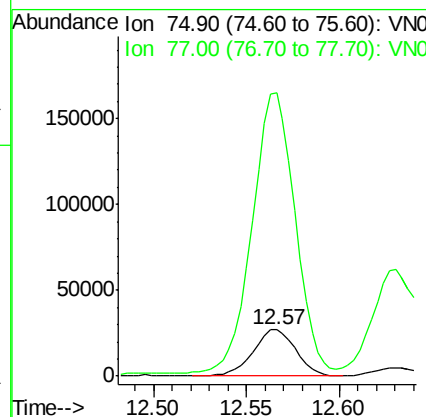
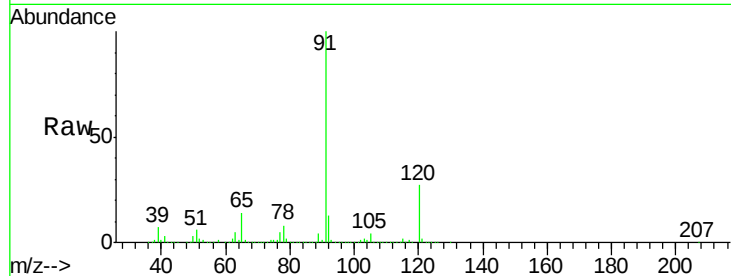




#76
 1,2,3-Trichloropropane
 Concen: 5.899 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.04 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

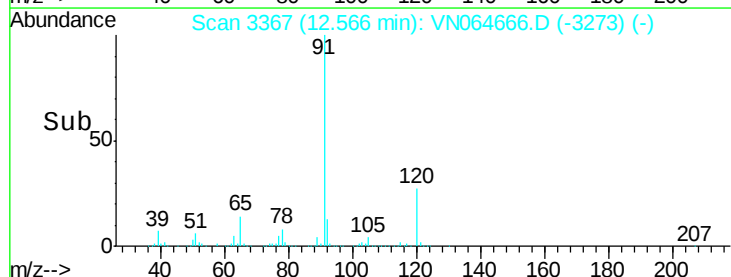
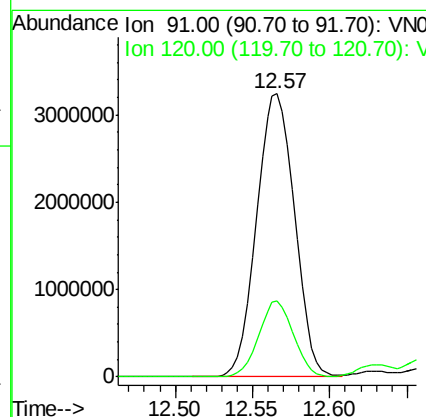
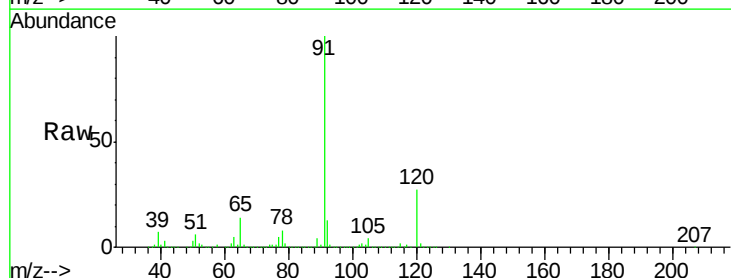
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3R

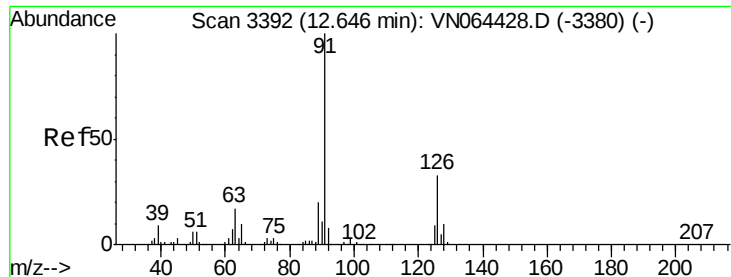
Tot Ion: 75 Resp: 42155
 Ion Ratio Lower Upper
 75 100
 77 621.0 0.0 0.0#



#78
 n-propylbenzene
 Concen: 207.496 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. 0.00 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Tgt Ion: 91 Resp: 5545258
 Ion Ratio Lower Upper
 91 100
 120 24.5 11.0 33.0

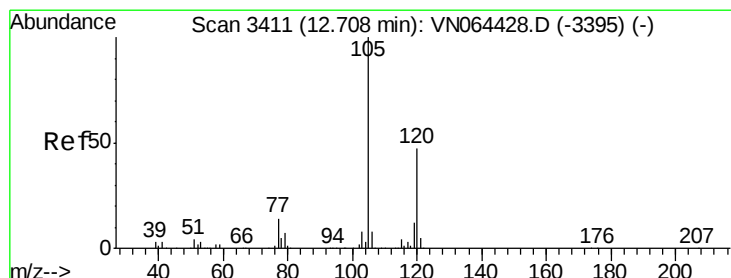
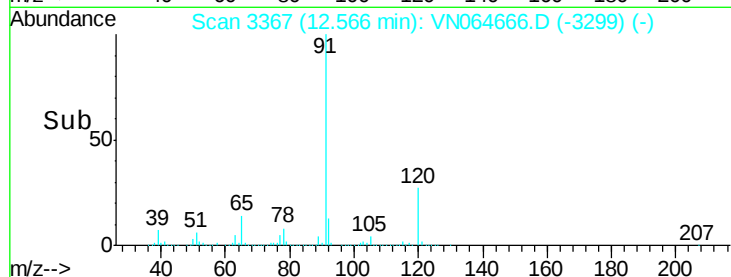
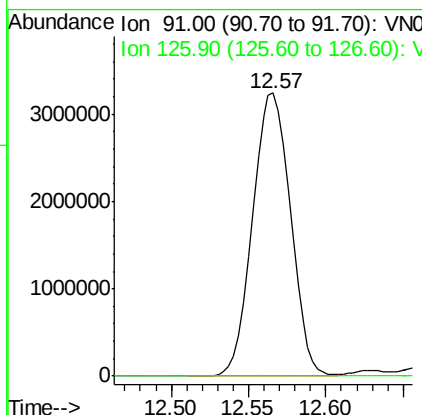
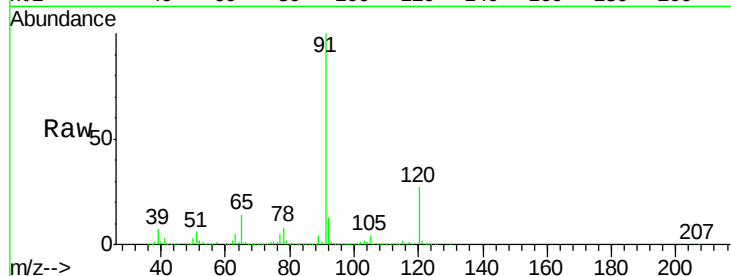




#79
 2-Chlorotoluene
 Concen: 327.154 ug/l
 RT: 12.57 min Scan# 3367
 Delta R.T. -0.08 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

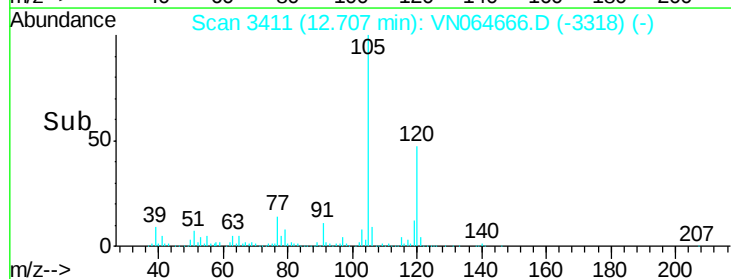
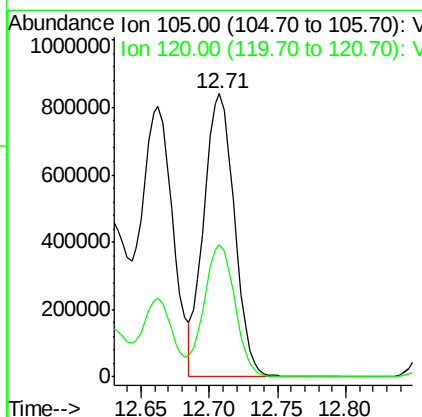
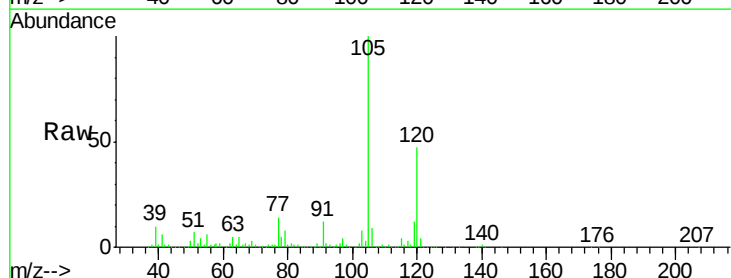
Instrument :
 MSVOA_N
 ClientSampled :
 MW-3R

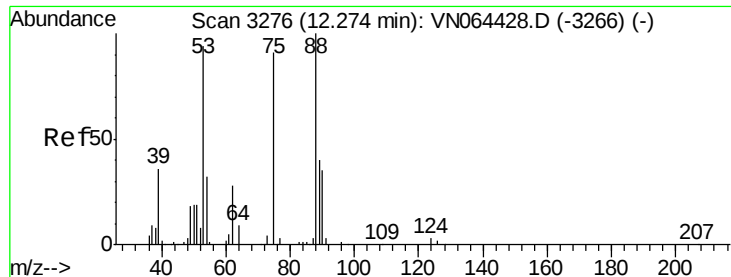
Tot Ion: 91 Resp: 5545258
 Ion Ratio Lower Upper
 91 100
 126 0.0 16.4 49.1#



#80
 1,3,5-Trimethylbenzene
 Concen: 67.699 ug/l
 RT: 12.71 min Scan# 3411
 Delta R.T. -0.00 min
 Lab File: VN064666.D
 Acq: 16 Nov 2020 17:36

Tgt Ion: 105 Resp: 1309175
 Ion Ratio Lower Upper
 105 100
 120 47.4 23.4 70.2





#81

trans-1,4-Dichloro-2-butene

Concen: 17.164 ug/l

RT: 12.23 min Scan# 3261

Delta R.T. -0.05 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampled :

MW-3R

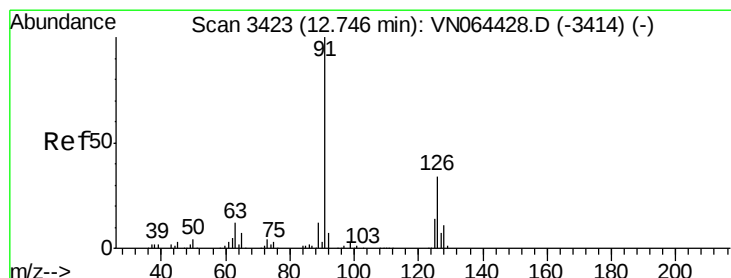
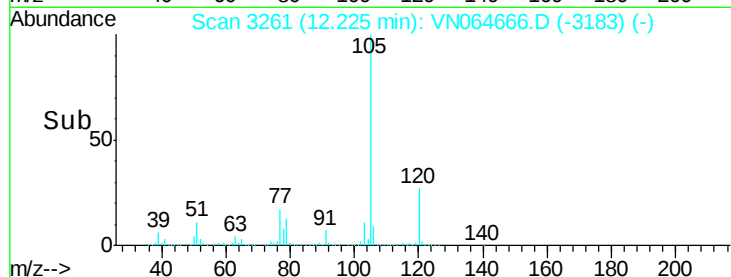
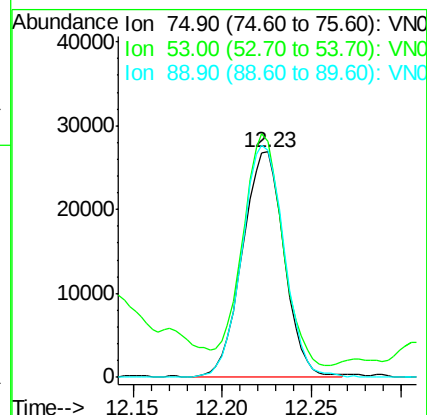
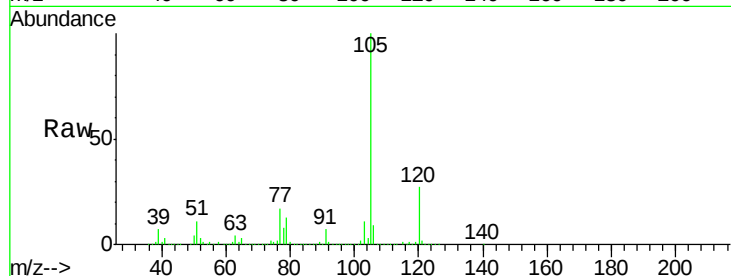
Tot Ion: 75 Resp: 43926

Ion Ratio Lower Upper

75 100

53 97.8 84.0 126.0

89 103.9 36.3 54.5#



#82

4-Chlorotoluene

Concen: 312.391 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. -0.18 min

Lab File: VN064666.D

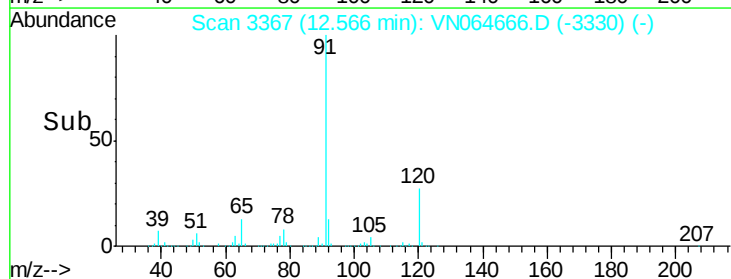
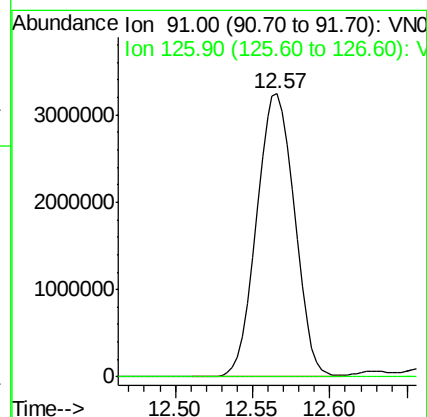
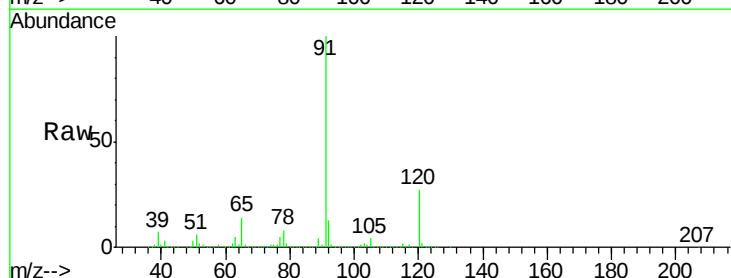
Acq: 16 Nov 2020 17:36

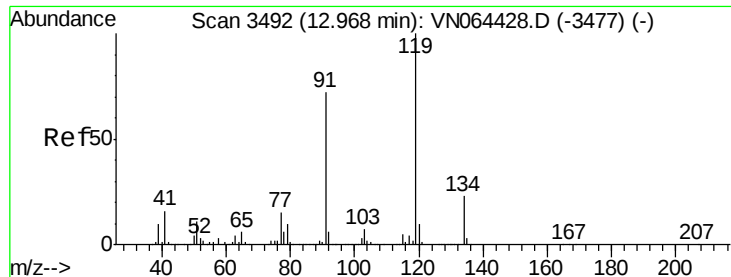
Tgt Ion: 91 Resp: 5545258

Ion Ratio Lower Upper

91 100

126 0.0 15.4 46.2#

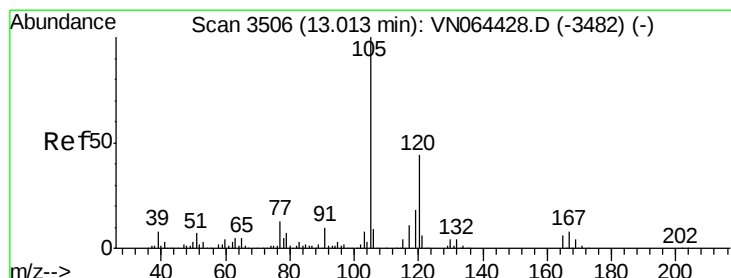
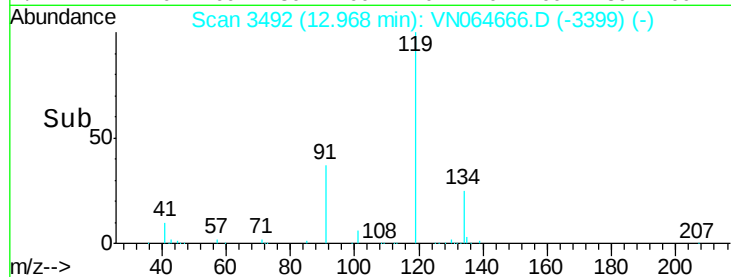
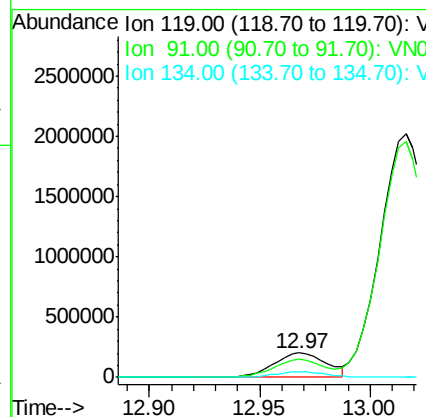
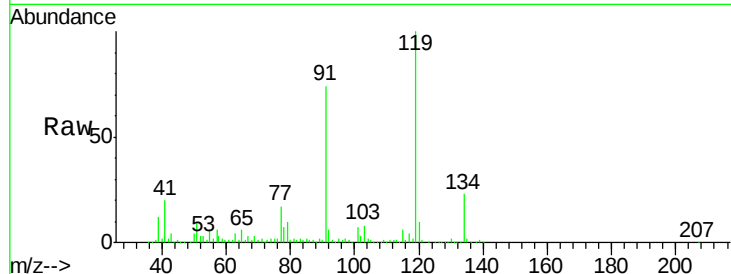




#83
tert-Butylbenzene
Concen: 21.999 ug/l
RT: 12.97 min Scan# 3492
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

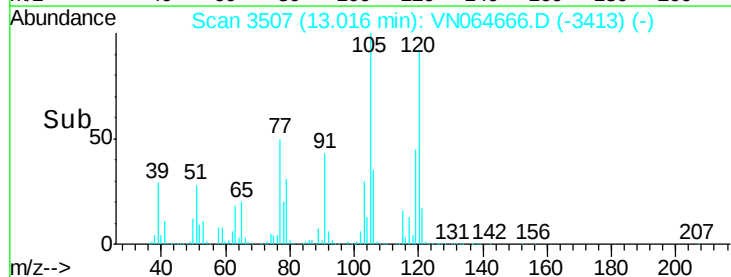
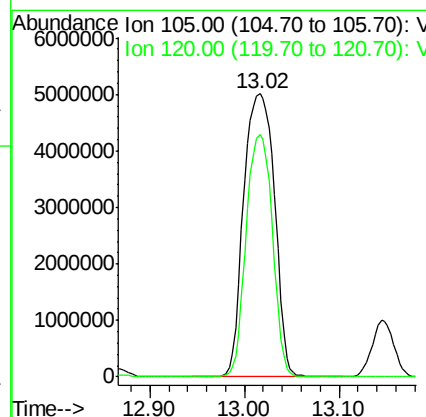
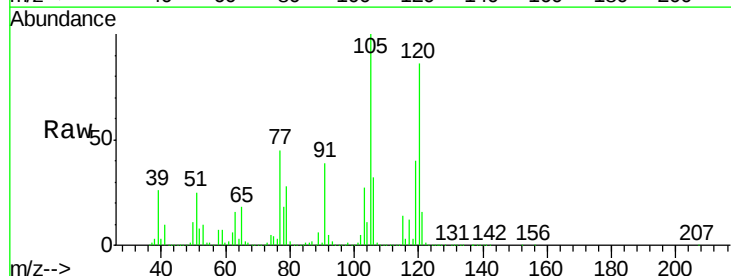
Instrument :
MSVOA_N
ClientSampled :
MW-3R

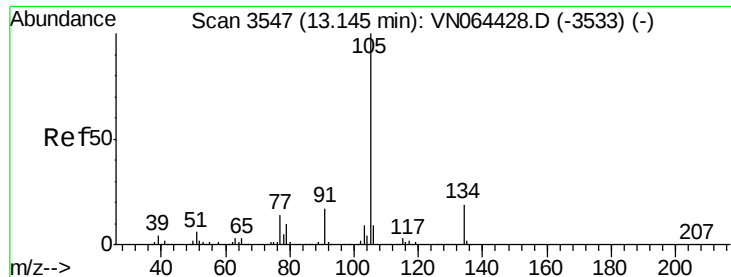
Tot Ion:119 Resp: 332254
Ion Ratio Lower Upper
119 100
91 70.4 36.1 108.3
134 22.4 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 586.423 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion:105 Resp:11400253
Ion Ratio Lower Upper
105 100
120 73.1 21.9 65.7#





#85

sec-Butylbenzene

Concen: 82.987 ug/l

RT: 13.14 min Scan# 3547

Delta R.T. -0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampled :

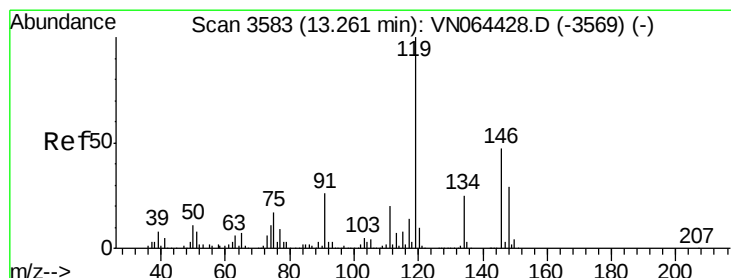
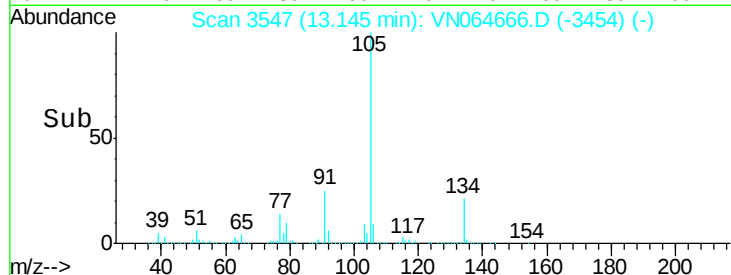
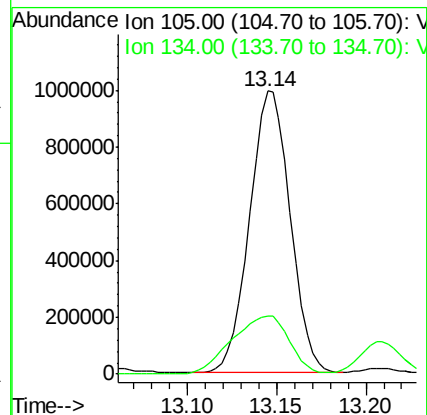
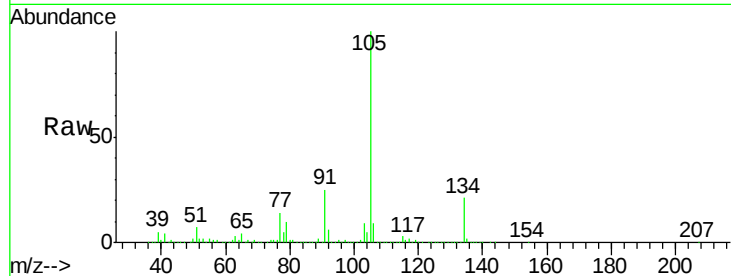
MW-3R

Tot Ion:105 Resp: 1587385

Ion Ratio Lower Upper

105 100

134 29.1 9.4 28.2#



#86

p-Isopropyltoluene

Concen: 45.649 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

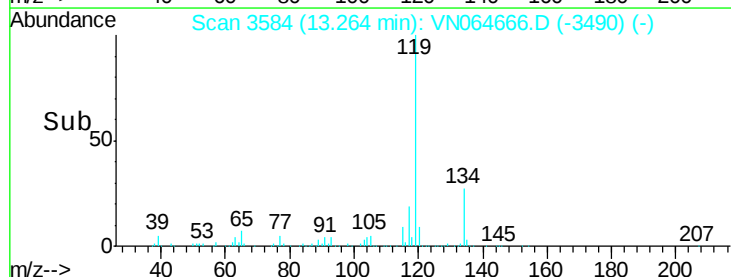
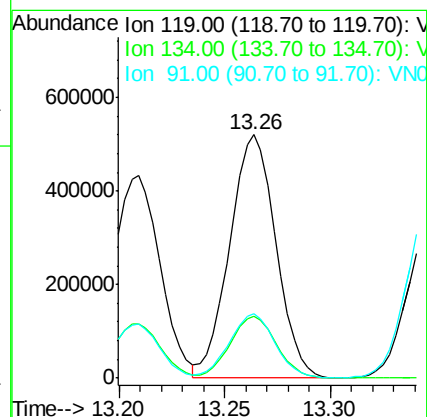
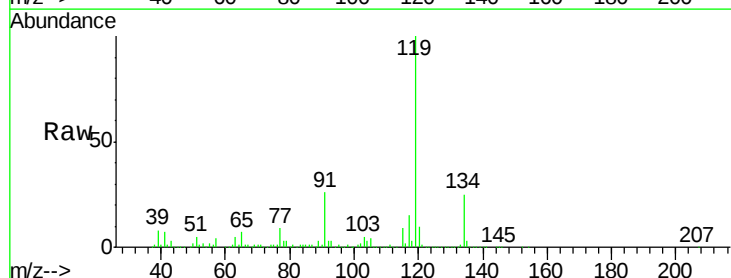
Tgt Ion:119 Resp: 785408

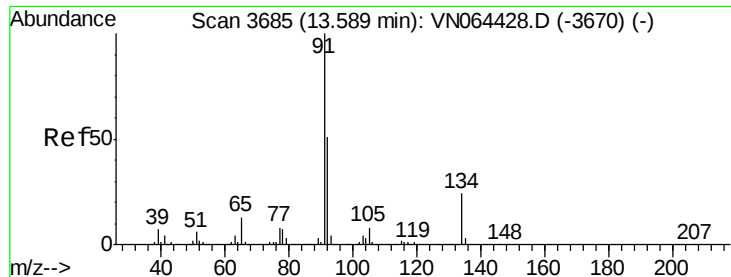
Ion Ratio Lower Upper

119 100

134 25.5 12.6 37.6

91 25.6 12.8 38.3

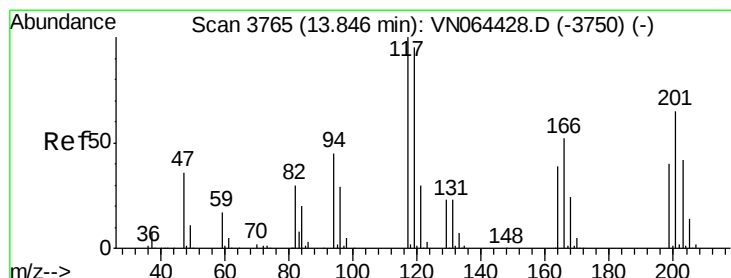
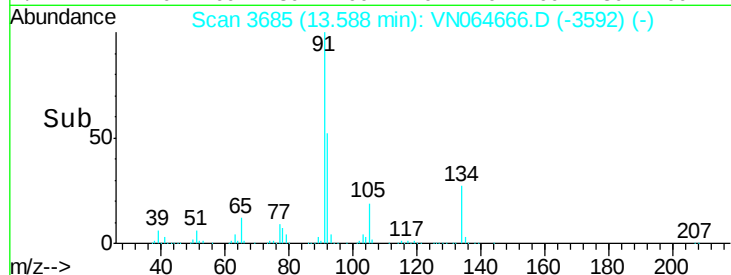
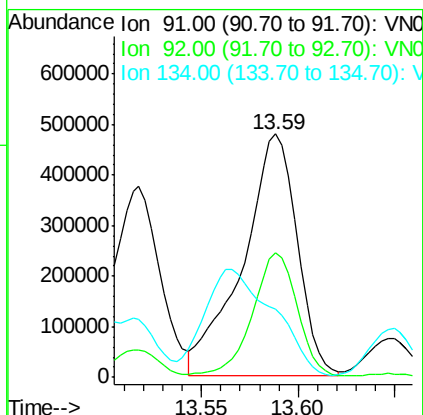
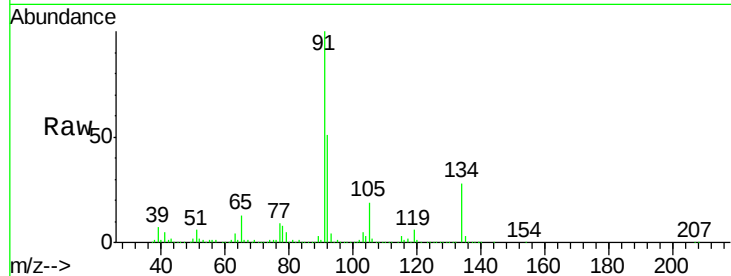




#89
n-Butylbenzene
Concen: 63.319 ug/l
RT: 13.59 min Scan# 3685
Delta R.T. -0.00 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

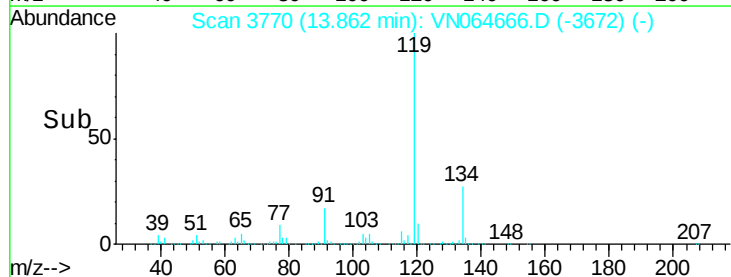
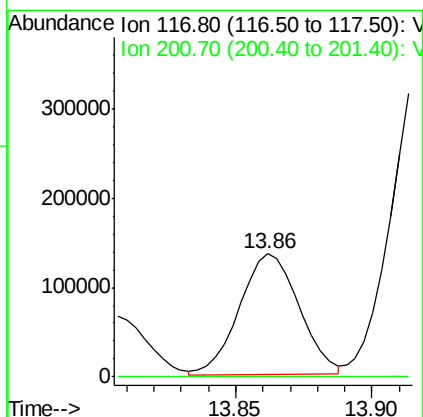
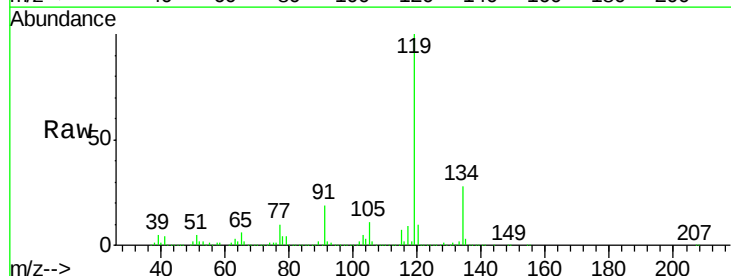
Instrument :
MSVOA_N
ClientSampled :
MW-3R

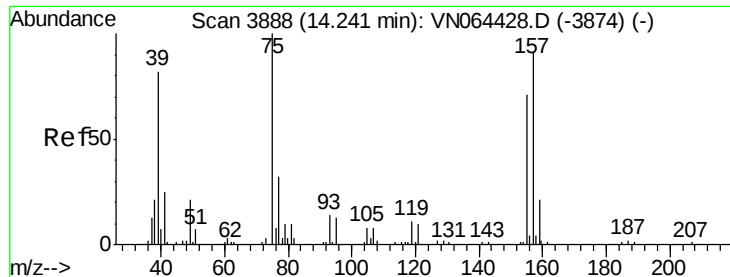
Tot Ion: 91 Resp: 936677
Ion Ratio Lower Upper
91 100
92 42.4 25.3 75.9
134 0.0 11.8 35.4#



#90
Hexachloroethane
Concen: 62.044 ug/l
RT: 13.86 min Scan# 3770
Delta R.T. 0.02 min
Lab File: VN064666.D
Acq: 16 Nov 2020 17:36

Tgt Ion: 117 Resp: 205924
Ion Ratio Lower Upper
117 100
201 0.0 32.5 97.5#





#92

1,2-Dibromo-3-Chloropropane

Concen: 5.107 ug/l

RT: 14.22 min Scan# 3881

Delta R.T. -0.02 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

Instrument :

MSVOA_N

ClientSampleId :

MW-3R

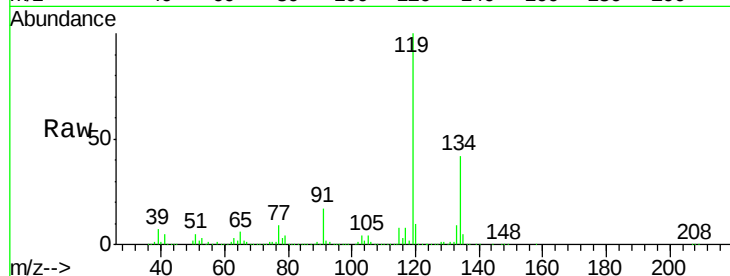
Tot Ion: 75 Resp: 7321

Ion Ratio Lower Upper

75 100

155 0.0 34.6 103.9#

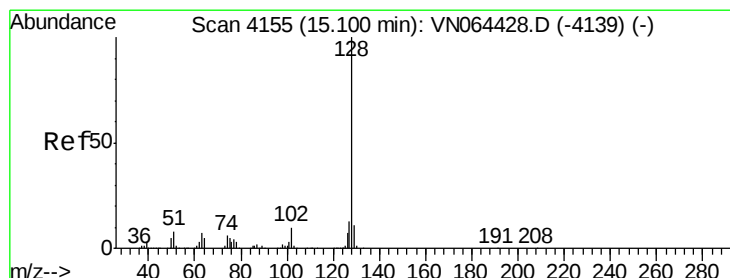
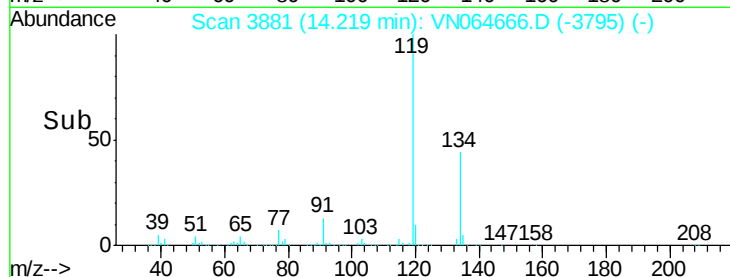
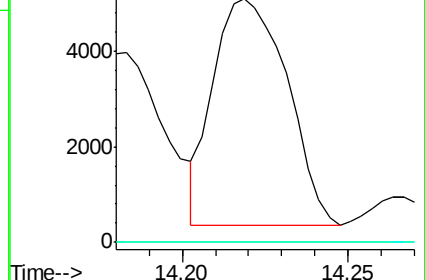
157 0.0 43.0 128.8#



Abundance Ion 74.90 (74.60 to 75.60): VN064428.D (-3874) (-)

Ion 154.80 (154.50 to 155.50): VN064428.D (-3874) (-)

Ion 156.80 (156.50 to 157.50): VN064428.D (-3874) (-)



#95

Naphthalene

Concen: 8.103 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.01 min

Lab File: VN064666.D

Acq: 16 Nov 2020 17:36

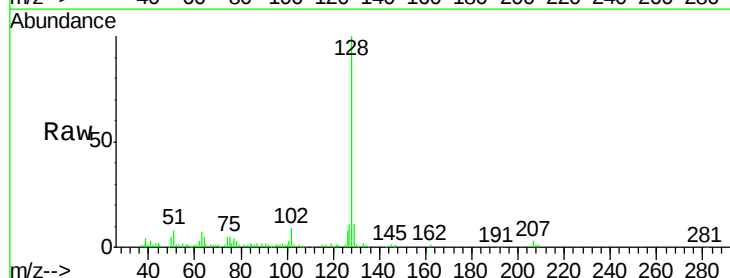
Tgt Ion: 128 Resp: 78135

Ion Ratio Lower Upper

128 100

127 15.0 10.5 15.7

129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): VN064428.D (-4139) (-)

Ion 127.00 (126.70 to 127.70): VN064428.D (-4139) (-)

Ion 129.00 (128.70 to 129.70): VN064428.D (-4139) (-)

